YDT ve YDS Kelime Listesi v3

YDT ve YDS sınavlarında çıkmış en önemli, öğrenmeye değer 1721 kelime ve bilimsel cümle örnekleri
Telegram hesabım: @DreamPiuv - Herhangi soru için yazabilirsiniz
Telegram kanalım: @EnglishAFL - Benzer listeler ve kaynaklar Telegram kanalımda!!

Word	Translation	Example Sentence
ancient *B1*	antik eski	*The ruins belong to an ancient civilization.* *Researchers found an ancient fossil.*
sophisticated *B2*	gelişmiş karmaşık	*Modern algorithms use sophisticated neural networks.* *The organism displays a sophisticated defense mechanism.*
concrete *B1*	somut beton	*The study provides concrete evidence of climate change.* *The concrete foundation ensures structural stability.*
succession *C1*	ardışıklık yerine geçme	*The succession of seasons affects ecological balances.* *The monarch's succession caused political instability.*
collide *B2*	çarpışmak	*Tectonic plates collide to form mountain ranges.*
convert *B1*	dönüştürmek	*Solar panels convert sunlight into electricity.*
fluctuate *C1*	dalgalanmak	*Global temperatures fluctuate due to atmospheric changes.*
deviate *C1*	sapmak	*The results deviate significantly from the initial hypothesis.*
condition *A2*	durum koşul	*The patient's condition improved rapidly.* *The experiment requires a sterile condition.*
anxious *B1*	endişeli	*The subject grew anxious during the isolation test.*
decline *B2*	azalmak reddetmek	*Marine biodiversity continues to decline.* *The patient had to decline the experimental treatment.*
exert *C1*	uygulamak (güç vb.)	*The moon's gravity will exert a tidal force on the oceans.*
cognitive *B2*	bilişsel	*Bilingualism enhances cognitive flexibility in children.*
fragile *B2*	kırılgan	*The fragile ecosystem is highly susceptible to pollution.*
profitable *B1*	karlı	*The green energy sector has become highly profitable.*
confidential *B2*	gizli	*The medical records are kept strictly confidential.*
peculiar *B2*	tuhaf özgü	*The quantum state exhibits a peculiar behavior.* *This species is peculiar to the isolated island.*
notorious *C1*	adı çıkmış (kötü şöhretli)	*The region is notorious for its severe seismic activity.*
unrelated *B2*	ilgisiz bağımsız	*The two phenomena are statistically unrelated.* *The patients developed completely unrelated symptoms.*
genetic *B2*	genetik	*The mutation directly alters the underlying genetic code.*
diverse *B2*	çeşitli	*The rainforest harbors a highly diverse biological community.*
collapse *B2*	çökmek çöküş	*The economic structure will collapse without intervention.* *The structural collapse occurred after the major earthquake.*
authority *B2*	yetki otorite	*The agency has the authority to regulate emissions.* *The professor is a leading authority on molecular biology.*
remarkable *B2*	dikkate değer	*The substance shows a remarkable resistance to extreme heat.*
elaborate *C1*	detaylı detaylandırmak	*The ancient tomb features an elaborate architectural design.* *The researcher must elaborate on the proposed methodology.*
ambiguous *C1*	belirsiz	*The linguistic data gathered remains highly ambiguous.*
sufficient *B2*	yeterli	*The sample size is sufficient for establishing statistical significance.*
grasp *B2*	kavramak (anlamak) sıkıca tutmak	*It is vital to grasp the fundamentals of thermodynamics.* *The robotic arm can grasp delicate objects without crushing them.*

Word	Translation	Example Sentence
extend *B2*	uzatmak kapsamak	*The continental shelf can extend for hundreds of miles.* *The health policy will extend to all demographics.*
compound *B2*	bileşik durumu kötüleştirmek	*Water is a fundamental chemical compound.* *Inflation will inevitably compound the ongoing economic crisis.*
lymph *C1*	lenf	*The lymph nodes effectively filter harmful pathogens from the body.*
bright *A2*	parlak zeki	*The bright star is easily visible without a telescope.* *The bright student solved the complex mathematical equation.*
aggression *B2*	saldırganlık	*Territorial disputes among primates often lead to physical aggression.*
prevent *B1*	önlemek	*Vaccination programs prevent widespread viral epidemics.*
promote *B1*	teşvik etmek terfi ettirmek	*Antioxidants actively promote cellular health.* *The university will promote the senior researcher to a professorship.*
dynamic *B2*	dinamik	*The Earth's atmosphere is a highly dynamic fluid system.*
celestial *C1*	göksel	*Comets are celestial bodies primarily composed of ice and cosmic dust.*
solar *B1*	güneş ile ilgili	*The solar radiation directly powers Earth's climate system.*
motion *B2*	hareket	*Newton's fundamental laws govern the motion of physical objects.*
orbit *B2*	yörünge yörüngesinde dönmek	*The satellite maintains a stable geostationary orbit.* *The moon will orbit the planet continuously.*
mechanic *B2*	tamirci mekanik (işleyiş)	*The skilled mechanic repaired the specialized laboratory machinery.* *The underlying mechanic of the chemical reaction is still unknown.*
ammonia *C1*	amonyak	*The artificial synthesis of ammonia revolutionized modern agriculture.*
surface *B1*	yüzey	*The distant planet's surface is heavily cratered by meteorites.*
complex *B1*	karmaşık	*The human brain is an incredibly complex biological network.*
curb *C1*	zaptetmek (kısıtlamak)	*International policies must curb excessive carbon emissions.*
satisfy *B2*	tatmin etmek karşılamak	*The diet must satisfy all daily nutritional requirements.* *The hypothesis must satisfy the observed empirical data.*
demand *B1*	talep talep etmek	*There is a rapidly growing demand for renewable energy sources.* *The protocol will demand strict adherence to laboratory safety rules.*
continual *B2*	sürekli	*The continual degradation of topsoil severely threatens future crops.*
agriculture *B2*	tarım	*Sustainable agriculture is absolutely crucial for long-term food security.*
productive *B2*	üretken	*The genetically modified wheat strain is highly productive.*
support *B1*	desteklemek destek	*The empirical data will clearly support the new scientific theory.* *The bridge requires immense structural support to remain stable.*
fertile *B2*	verimli	*The fertile volcanic soil yields abundant seasonal harvests.*
produce *B1*	üretmek tarım ürünü	*Photosynthesis allows green plants to produce vital oxygen.* *The local produce is routinely analyzed for chemical pesticide residue.*
millennium *C1*	binyıl	*The slow geological changes occurred over an entire millennium.*
merge *B2*	birleşmek	*The two distinct galaxies will eventually merge due to gravity.*
unify *C1*	birleştirmek	*The grand overarching theory aims to unify all known physical laws.*
residual *C1*	kalıntı (kalan)	*The residual heat from the Earth's core continuously warms the mantle.*
potential *B2*	potansiyel	*The synthesized compound has immense therapeutic potential.*
uncontrolled *C1*	kontrolsüz	*The uncontrolled and rapid cell division inevitably leads to massive tumors.*
mercury *B2*	cıva Merkür	*Toxic mercury dangerously accumulates at the top of the food chain.* *The rocky planet Mercury is physically closest to the sun.*

Word	Translation	Example Sentence
noticeable B2	fark edilebilir	*There is a highly noticeable drop in regional atmospheric pressure.*
prior B2	önceki	*The recent findings perfectly align with prior scientific research.*
assume B2	varsaymak üstlenmek	*Researchers generally assume the experimental variable remains constant.* *The unstable molecule will eventually assume a more stable configuration.*
purify C1	arındırmak	*The advanced filtration system will completely purify the contaminated water.*
irreparable C2	onarılamaz	*Massive deforestation causes irreparable damage to global biodiversity.*
interfere B2	müdahale etmek	*Strong magnetic fields can heavily interfere with electronic navigation systems.*
household B1	ev halkı ev ile ilgili	*The national survey accurately tracks annual household energy consumption.* *Common household cleaning chemicals can be surprisingly toxic.*
extent B2	boyut (derece)	*The full extent of the polar glacial melting is scientifically alarming.*
suspend B2	askıya almak asılı bırakmak	*The ethics committee will temporarily suspend the controversial clinical trial.* *The extremely fine particles will suspend indefinitely in the dense fluid.*
eradicate C1	yok etmek (kökünü kazımak)	*Global vaccine initiatives can completely eradicate certain viral pathogens.*
trigger B2	tetiklemek tetik	*A massive submarine earthquake can easily trigger a destructive tsunami.* *The injected chemical acts as a precise trigger for programmed cell apoptosis.*
pursue B2	sürdürmek (peşinden gitmek)	*The university institute will pursue advanced genetic modification research.*
abandon B2	terk etmek	*Wild birds may permanently abandon their natural nests if frequently disturbed.*
distribute B2	dağıtmak	*The smart grid network will evenly distribute the electrical power load.*
aware B1	farkında	*The clinical subject was completely aware of the flashing visual stimuli.*
unfamiliar B2	aşina olunmayan	*The isolated organism was suddenly exposed to an completely unfamiliar pathogen.*
heritage B2	miras	*The rich genetic heritage of the isolated population is incredibly diverse.*
integrity C1	bütünlük dürüstlük	*The foundational structural integrity of the concrete dam is severely compromised.* *Strict academic integrity is absolutely essential for valid scientific publication.*
embrace C1	benimsemek kucaklamak	*Modern educational institutions eagerly embrace interdisciplinary study models.* *The primate subjects were observed to affectionately embrace each other socially.*
authentic B2	otantik (gerçek)	*The carbon-dated artifact is an absolutely authentic relic from antiquity.*
fleeting C2	geçici (kısa süren)	*The remarkably fleeting chemical reaction is exceedingly difficult to directly observe.*
discipline B2	disiplin (bilim dalı) disiplin (kurallar)	*Modern sociology is a distinct and rigorous academic discipline.* *The strict discipline maintained in the lab ensures overall safety.*
vulnerable B2	savunmasız	*The low-lying coastal city is highly vulnerable to globally rising sea levels.*
negotiate B2	müzakere etmek aşmak (engeli)	*The international diplomats must urgently negotiate a binding climate treaty.* *The autonomous rover must safely negotiate the highly rocky alien terrain.*
resist B2	direnmek	*Certain mutated bacteria effectively resist standard pharmacological antibiotic treatments.*
foster C1	teşvik etmek (geliştirmek)	*Collaborative international projects greatly foster rapid technological innovation.*
excavate C1	kazı yapmak	*The team of archaeologists will carefully excavate the ancient burial site.*
interpret B2	yorumlamak	*Scientists use advanced algorithms to interpret the complex spectral data.*
consensus C1	fikir birliği	*There is a very strong global scientific consensus on anthropogenic global warming.*
attach B1	eklemek (bağlamak)	*The microscopic virus will selectively attach itself to the vulnerable host cell.*
substitute B2	yerine geçmek yedek	*Renewable solar energy can potentially substitute polluting fossil fuels entirely.* *The synthesized chemical acts as an effective substitute for natural digestive enzymes.*

Word	Translation	Example Sentence
critical B2	eleştirel kritik (önemli)	*The published paper provides a deeply critical analysis of the prior methodology.* *Liquid water is fundamentally critical for sustaining any known biological life.*
threshold C1	eşik	*The electrical stimulus must precisely reach a specific threshold to activate the neurons.*
inhospitable C1	yaşanmaz	*The heavily irradiated Martian surface is utterly inhospitable to unshielded human life.*
clinical B2	klinik	*The extensive clinical trials clearly demonstrated the experimental drug's safety.*
intellectual B2	entelektüel zihinsel	*The complex mathematical task requires significant intellectual effort and focus.* *The lucrative intellectual property rights legally belong to the original inventor.*
engage B2	meşgul olmak (katılmak) devreye sokmak	*The human subjects will actively engage in intensive cognitive behavioral therapy.* *The automated machine will automatically engage the primary thermal cooling system.*
binge C1	aşırıya kaçmak alem (aşırı yeme içme)	*The psychiatric study thoroughly analyzed binge eating disorders in modern adolescents.* *The subjects predictably went on a caloric binge after the prolonged starvation period.*
numerous B2	sayısız	*There are quite literally numerous independent variables affecting the final statistical outcome.*
thrive C1	gelişmek (serpilmek)	*Certain resilient extremophiles successfully thrive in highly acidic geothermal environments.*
moderate B2	ılımlı hafifletmek	*The coastal region naturally experiences a highly moderate maritime climate.* *The dense planetary atmosphere helps to significantly moderate extreme surface temperatures.*
vigorous C1	enerjik (güçlü)	*The treated plants displayed extraordinarily vigorous growth after the nitrogen fertilization.*
intense B2	yoğun	*The stellar core internally generates incredibly intense gravitational and thermal pressure.*
aerobic C1	oksijenli	*The human muscle cells will automatically switch to aerobic cellular respiration.*
inherent C1	doğasında olan	*There is an absolutely inherent operational risk in early nuclear power generation.*
sedentary C1	hareketsiz	*A highly sedentary modern lifestyle heavily contributes to chronic cardiovascular diseases.*
capacity B2	kapasite	*The lithium-ion battery has a strict maximum energy storage capacity.*
inevitable B2	kaçınılmaz	*The ultimate entropic decay of any closed thermodynamic system is completely inevitable.*
starve B2	açlıktan ölmek	*Without adequate sunlight, the photosynthesizing aquatic organisms will rapidly starve.*
unrest C1	huzursuzluk	*Severe economic inequality frequently fuels significant and prolonged social unrest.*
speculate C1	tahminde bulunmak	*Theoretical astrophysicists currently speculate about the exact nature of dark matter.*
drought B2	kuraklık	*The unusually prolonged summer drought completely devastated local agricultural crop yields.*
external B2	dış	*The fluctuating external atmospheric pressure directly affects the contained gas volume.*
acquire B2	elde etmek (edinmek)	*The human immune system can naturally acquire strong resistance to specific circulating viruses.*
destructive B2	yıkıcı	*The category five hurricane had a highly destructive ecological impact on the fragile coastline.*
administer C1	yönetmek uygulamak (ilaç vb.)	*The government agency will officially administer the newly drafted public health policy.* *The trained nurses must precisely administer the intravenous medication at strictly timed intervals.*

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motive B2	güdü (sebep)	*The underlying evolutionary motive for this peculiar altruistic behavior remains entirely unclear.*
enterprise C1	girişim (işletme)	*The ambitious space exploration enterprise requires massive and sustained governmental funding.*
eucalyptus C1	okaliptüs	*The distinctively aromatic eucalyptus tree is inherently native to the vast Australian continent.*
excess B2	aşırı (fazla)	*The excess atmospheric carbon safely dissolves into the vast global oceans.*
nourish C1	beslemek	*The heavily nutrient-rich soil significantly helps to adequately nourish the growing seedlings.*
scarce B2	kıt (nadir)	*Clean fresh water predictably becomes extremely scarce during the arid summer months.*
consequent C1	sonucunda olan	*The massive volcanic eruption and its consequent thick ash cloud completely blocked sunlight.*
adolescent B2	ergen	*The rapidly developing adolescent brain predictably undergoes highly significant neurological structural changes.*
abundant B2	bol	*Simple hydrogen is definitively the most abundant chemical element in the known universe.*
undergo C1	geçirmek (maruz kalmak)	*The isolated caterpillar will eventually undergo a highly dramatic biological metamorphosis.*
stem B2	gövde (sap) kaynaklanmak	*The rigid vascular stem efficiently transports vital water throughout the entire plant.* *The current operational issues entirely stem from extremely poor initial structural planning.*
extinct B2	nesli tükenmiş	*The dominant terrestrial dinosaurs became completely extinct after a massive catastrophic asteroid impact.*
blush B2	kızarmak (yüzü)	*The sudden autonomic physiological response visibly caused the human subject to blush.*
outward B2	dışa doğru	*The sudden chemical explosion violently generated an incredibly intense outward kinetic force.*
influential B2	etkili	*The brilliant theoretical scientist published an incredibly influential research paper on quantum mechanics.*
esteem C1	saygı	*The veteran university professor is universally held in highly significant esteem by her academic colleagues.*
predispose C2	yatkınlaştırmak	*Inherited genetic mutations can definitively predispose human individuals to certain specific autoimmune diseases.*
theorize C1	teori üretmek	*Advanced theoretical physicists heavily theorize that incredibly complex parallel universes might actually exist.*
communicative B2	iletişimsel	*Intelligent marine dolphins display highly complex and extremely structured communicative social behaviors.*
restrict B2	kısıtlamak	*The semi-permeable biological membrane will naturally restrict the free flow of exceptionally large molecules.*
compensate B2	telafi etmek	*The human heart automatically beats significantly faster to physically compensate for severe traumatic blood loss.*
characteristic B2	özellik	*Exceptionally high thermal conductivity is a universally key defining characteristic of most elemental metals.*
introversion C1	içedönüklük	*Statistically high measured levels of psychological introversion strongly correlate with highly specific neural activation patterns.*
tendency B2	eğilim	*The chemical has a strong tendency to crystallize.*
assertive B2	iddialı kendinden emin	*The species displays assertive territorial behavior.* *The researcher took an assertive approach to the debate.*
diminish B2	azalmak azaltmak	*The drug's efficacy will diminish over time.* *The new policy will diminish the risk of infection.*

Word	Translation	Example Sentence
seek B1	aramak çabalamak	*Predators actively seek vulnerable prey.* *Scientists seek to understand the underlying mechanism.*
widespread B2	yaygın	*The disease caused widespread agricultural devastation.*
phenomenon B2	fenomen (olgu)	*Bioluminescence is a fascinating marine phenomenon.*
vary B2	değişmek çeşitlilik göstermek	*The results vary depending on the temperature.* *The species vary greatly in their physical appearance.*
abolish B2	yürürlükten kaldırmak (kaldırmak)	*The government decided to abolish the outdated tax law.*
slavery B2	kölelik	*The abolition of slavery was a major historical milestone.*
unstable B2	kararsız dengesiz	*The radioactive isotope is highly unstable.* *The patient's psychological condition remains unstable.*
obstacle B2	engel	*The dense terrain acts as a natural obstacle to migration.*
outlaw C1	yasaklamak kanun kaçağı	*International treaties outlaw the use of biological weapons.* *The notorious outlaw evaded the authorities for years.*
stratum C1	tabaka	*Each geological stratum represents a different historical era.*
welfare B2	refah	*The state policy aims to improve general social welfare.*
redistribute C1	yeniden dağıtmak	*The system must redistribute the accumulated thermal energy.*
prosper B2	gelişmek zenginleşmek	*The agricultural sector will prosper with sufficient rainfall.* *The newly established colony began to prosper rapidly.*
mere B2	sadece (sırf)	*The mere presence of the predator causes anxiety in the prey.*
imbalance B2	dengesizlik	*A hormonal imbalance can lead to severe health issues.*
unprecedented C1	eşi benzeri görülmemiş	*The rapid climate shift occurred at an unprecedented rate.*
expand B1	genişlemek genişletmek	*Metals tend to expand when subjected to high heat.* *The corporation plans to expand its global market reach.*
extract B2	çıkarmak (özünü çıkarmak)	*Researchers can extract DNA from ancient fossil records.*
dominant B2	baskın	*The dominant male usually leads the entire wolf pack.*
underlying C1	altında yatan (temel)	*The underlying cause of the chronic disease remains unknown.*
clarify B2	netleştirmek (açıklığa kavuşturmak)	*Further experimentation is needed to clarify the ambiguous results.*
considerable B2	önemli (kayda değer)	*The experiment requires a considerable amount of electrical power.*
justify B2	haklı çıkarmak (gerekçelendirmek)	*The preliminary data will justify further clinical investigations.*
perish C1	yok olmak (ölmek)	*Many fragile species will perish if the habitat is destroyed.*
consume B1	tüketmek	*Large mammals typically consume massive amounts of daily calories.*
downright C1	tamamen (düpedüz)	*The proposed scientific theory is downright contradictory to established physics.*
nutrition B2	beslenme	*Adequate maternal nutrition is critical for fetal cognitive development.*
degrade C1	bozunmak aşağılamak	*Exposure to ultraviolet light will gradually degrade the polymer.* *The toxic environment tends to degrade human dignity.*
spoil B2	bozulmak (çürümek) şımartmak	*Bacterial contamination will quickly spoil the organic food sample.* *Overly permissive parenting can spoil a developing child.*
devour C1	bir çırpıda yemek (yutmak)	*The black hole will eventually devour the surrounding stellar matter.*
preserve B2	korumak (muhafaza etmek)	*The deep permafrost helped to perfectly preserve the ancient mammoth.*
advent C1	geliş (ortaya çıkış)	*The advent of the printing press profoundly transformed human society.*

Word	Translation	Example Sentence
acute C1	akut (şiddetli) keskin	*The patient suffered from an acute respiratory viral infection.* *The canine species possesses an acute sense of smell.*
proliferate C1	çoğalmak (yayılmak)	*The cancer cells will rapidly proliferate without immediate medical intervention.*
overrun C1	istila etmek aşmak (sınırı)	*Invasive weeds quickly overrun the native agricultural crops.* *The project costs will likely overrun the initial budget constraints.*
gastrointestinal C1	mide-bağırsak (gastrointestinal)	*The newly discovered bacteria primarily affect the gastrointestinal tract.*
tract C1	sistem (kanal) geniş arazi	*The human digestive tract processes complex proteins efficiently.* *The government protected a vast tract of primary rainforest.*
misery B2	sefalet (acı)	*Prolonged economic depression causes immense psychological misery.*
expose B2	maruz bırakmak açığa çıkarmak	*The protocol will expose the samples to extreme radiation levels.* *The investigative report will expose the structural flaws of the system.*
detect B2	tespit etmek	*Advanced sensors can efficiently detect minute changes in seismic activity.*
involuntary C1	istemsiz	*Blinking is primarily an involuntary reflex action of the eye.*
exhibit B2	sergilemek	*The infected cells uniquely exhibit abnormal metabolic characteristics.*
induce C1	tetiklemek (neden olmak)	*The administered drug will artificially induce a state of deep sleep.*
bodily B2	bedensel	*The nervous system regulates all essential bodily functions.*
respond B1	tepki vermek (yanıtlamak)	*The immune system will quickly respond to the invading pathogen.*
mythology B2	mitoloji	*Ancient Greek mythology features numerous complex anthropomorphic deities.*
protect B1	korumak	*The thick atmospheric layer helps to protect Earth from cosmic radiation.*
disguise B2	gizlemek (kılık değiştirmek) kamuflaj	*The cephalopod can chemically disguise itself against the coral reef.* *The spy's elaborate disguise successfully fooled the facial recognition software.*
yield B2	ürün vermek (sağlamak) boyun eğmek	*The fertile soil will yield an exceptionally large agricultural harvest.* *The structural steel will eventually yield under immense mechanical stress.*
polygraph C1	yalan makinesi	*The suspect's physiological responses were continuously monitored by a polygraph.*
consistent B2	tutarlı	*The empirical results are entirely consistent with the original hypothesis.*
examine B1	incelemek	*The pathologist will thoroughly examine the diseased tissue samples.*
deceptive C1	aldatıcı	*The animal's bright warning coloration is actually entirely deceptive.*
accuse B2	suçlamak	*The prosecutor will formally accuse the corporation of severe environmental negligence.*
disturb B2	rahatsız etmek (bozmak)	*Industrial noise pollution can seriously disturb local marine ecosystems.*
truthful B2	doğru sözlü (gerçek)	*The experimental subject gave a surprisingly truthful account of the event.*
willing B1	istekli	*The healthy volunteers were perfectly willing to undergo the medical trial.*
differentiate C1	ayırt etmek	*The specialized assay can easily differentiate between the two viral strains.*
reliable B1	güvenilir	*Carbon dating is a highly reliable method for determining ancient chronologies.*
impractical C1	kullanışsız (pratik olmayan)	*The proposed engineering solution is theoretically sound but entirely impractical.*
investigate B2	araştırmak (soruşturmak)	*The research team will comprehensively investigate the mysterious neurological outbreak.*
imitate B2	taklit etmek	*The artificial neural network aims to precisely imitate human cognitive processes.*
aspire C1	arzulamak (hedeflemek)	*Many undergraduate students strongly aspire to publish in prestigious scientific journals.*
stimulate B2	uyarmak (teşvik etmek)	*The weak electrical current will stimulate the isolated frog muscle.*
imply B2	ima etmek (göstermek)	*The sudden temperature drop may imply an impending severe weather event.*

Word	Translation	Example Sentence
necessitate C1	gerektirmek	*The complex surgical procedure will absolutely necessitate general anesthesia.*
literary B2	edebi	*The historical text is recognized primarily for its immense literary value.*
offshore C1	açık deniz (kıyıdan uzak)	*The massive offshore wind farm generates significant renewable electrical energy.*
convey B2	aktarmak (iletmek)	*The complex biochemical signals successfully convey crucial cellular information.*
sequel B2	devam (eseri) sonuç	*The ongoing geological study acts as a necessary sequel to prior surveys.* *The devastating famine was a direct sequel to the prolonged regional drought.*
haven C1	sığınak	*The protected marine reserve serves as a safe haven for endangered sea turtles.*
accurate B2	doğru (kesin)	*The newly calibrated instrument provides exceptionally accurate topological measurements.*
beneficial B2	faydalı	*The symbiotic bacteria are highly beneficial to the host's overall digestion.*
trivial C1	önemsiz	*The statistical error was deemed totally trivial by the lead researchers.*
tonsil B2	bademcik	*A chronic bacterial infection often leads to severe tonsil inflammation.*
caution B2	dikkat (tedbir) uyarmak	*The highly volatile chemical requires extreme caution during laboratory handling.* *Experts strongly caution against the unregulated use of artificial intelligence.*
activate B2	etkinleştirmek	*The specific enzyme will biochemically activate the dormant cellular pathway.*
immune B2	bağışık	*The artificially developed hybrid strain is completely immune to the fungal disease.*
inflame C1	alevlendirmek (iltihaplandırmak)	*The abrasive airborne particles will quickly inflame the sensitive lung tissue.*
tolerate B2	tolere etmek (katlanmak)	*Some extremophile bacteria can easily tolerate incredibly high environmental radiation.*
vaccinate B2	aşılamak	*Public health officials aim to systematically vaccinate the entire vulnerable population.*
medicate C1	ilaç tedavisi uygulamak	*The psychiatrist may medicate the patient to rapidly alleviate the severe anxiety.*
futile C1	beyhude (nafile)	*Any attempt to mathematically predict chaotic quantum events is fundamentally futile.*
sensory B2	duyusal	*The complex sensory receptors continuously transmit vital environmental data to the brain.*
operate B2	çalışmak (işlemek) ameliyat etmek	*The heavy industrial machinery requires high voltage to optimally operate.* *The skilled neurosurgeon will carefully operate on the patient's frontal lobe.*
owe B1	borçlu olmak	*We heavily owe our modern medical understanding to early pioneering scientists.*
regardless B2	her şeye rağmen (bakılmaksızın)	*The chemical reaction proceeds smoothly regardless of the external ambient temperature.*
interrelate C1	birbiriyle ilişkilendirmek	*The ecological and socioeconomic factors directly interrelate in complex systemic patterns.*
expanse C1	genişlik (geniş alan)	*The vast expanse of the Sahara desert presents unique biological survival challenges.*
contentious C2	tartışmalı	*The controversial evolutionary theory remains a highly contentious topic among certain demographic groups.*
approximate B2	yaklaşık yaklaşmak (yaklaşık olarak hesaplamak)	*The approximate age of the fossil is estimated to be two million years.* *The computational model aims to closely approximate actual fluid dynamic behavior.*
recognize B1	tanımak (kabul etmek)	*The immune system must rapidly recognize foreign antigens to initiate defense.*
classify B2	sınıflandırmak	*Biologists carefully classify newly discovered organisms based on phylogenetic evolutionary traits.*
indigenous C1	yerli (özgü)	*The unique marsupial species is completely indigenous to the Australian continent.*
rein C1	dizgin dizginlemek	*The political administration must keep a tight rein on runaway economic inflation.* *The central bank attempted to quickly rein in the rapidly escalating market speculation.*

Word	Translation	Example Sentence
compass B2	pusula kapsam	*The magnetic compass is highly susceptible to localized electromagnetic interference.* *The complex issue falls well outside the normal compass of standard biological research.*
bias B2	ön yargı (eğilim)	*The poorly designed clinical trial exhibited significant statistical selection bias.*
empathy B2	empati	*Modern psychological studies highlight the evolutionary importance of human cognitive empathy.*
vast B2	devasa (çok geniş)	*The deep ocean contains a remarkably vast reservoir of undiscovered genetic diversity.*
psychic C1	ruhsal (psişik) medyum	*The severe trauma caused deep and lasting psychic damage to the subjects.* *The fraudulent psychic claimed to easily predict completely random future events.*
reactive C1	tepkisel reaktif	*The highly reactive chemical compound spontaneously combusts when exposed to pure oxygen.*
clarity B2	netlik	*The high-resolution electron microscope provides exceptional visual clarity of cellular structures.*
prompt B2	anlık (çabuk) teşvik etmek	*The sudden critical system failure demands a highly prompt engineering response.* *The anomalous empirical data will inevitably prompt a thorough scientific reinvestigation.*
ingrained C1	kökleşmiş (yerleşik)	*The deeply ingrained behavioral habit is exceptionally difficult for the adult subjects to break.*
coherent C1	tutarlı (mantıklı)	*The theoretical physicist presented a remarkably coherent argument for the existence of parallel dimensions.*
narrative B2	anlatı	*The historical narrative provided by the ancient texts often conflicts with modern archaeological evidence.*
adapt B2	uyum sağlamak	*The versatile microbial species can rapidly adapt to extremely harsh environmental conditions.*
illusion B2	yanılsama	*The mirage in the arid desert is a well-documented optical atmospheric illusion.*
sublime C2	yüce (olağanüstü)	*The mathematical elegance of the unifying physical theorem is truly intellectually sublime.*
defy C1	karşı gelmek (meydan okumak)	*The observed quantum particle behaviors seemingly defy all classical Newtonian physical laws.*
comprehend B2	kavramak (anlamak)	*The human mind struggles to fully comprehend the immense scale of the visible universe.*
memento C1	hatıra (andaç)	*The preserved lunar rock serves as a historical memento of the groundbreaking Apollo mission.*
impermanent C2	kalıcı olmayan (geçici)	*The shifting desert sand dunes are highly dynamic and entirely impermanent geographical structures.*
displace C1	yerinden etmek	*The rising global sea levels will inevitably displace millions of vulnerable coastal residents.*
notable B2	dikkate değer	*There was a highly notable increase in local seismic activity preceding the volcanic eruption.*
shift B2	kayma (değişim) değiştirmek	*The profound paradigm shift radically altered the foundational course of modern theoretical physics.* *The tectonic plates continuously shift beneath the Earth's solid crust.*
ignorant B2	cahil (habersiz)	*The public remains largely ignorant of the severe long-term ecological consequences of microplastics.*
innovate B2	yenilik yapmak	*Tech companies must continuously innovate to physically survive in the highly competitive modern market.*
diagnose B2	teşhis etmek	*The specialized physician can accurately diagnose the rare genetic disorder through advanced blood testing.*
incidence C1	görülme sıklığı	*The statistical incidence of chronic respiratory diseases sharply rises in heavily polluted urban areas.*

Word	Translation	Example Sentence
occur *B1*	meydana gelmek	*Total solar eclipses strictly occur when the moon perfectly aligns between the Earth and the sun.*
psychiatric *B2*	psikiyatrik	*The severe clinical depression requires immediate and comprehensive professional psychiatric intervention.*
conduct *B2*	yürütmek (yönetmek) davranış	*The research team will formally conduct a rigorous double-blind clinical trial.* *The university ethics committee strictly monitors the professional conduct of all laboratory personnel.*
gene *B2*	gen	*The specific mutated gene is directly responsible for inherited visual color blindness.*
flaw *B2*	kusur	*The critical structural flaw in the bridge design ultimately led to its catastrophic collapse.*
inject *B2*	enjekte etmek	*The automated medical device will precisely inject the required dosage of synthetic insulin.*
startle *C1*	irkiltmek (korkutmak)	*The sudden loud acoustic stimulus will predictably startle the resting animal subjects.*
tranquil *C1*	sakin (huzurlu)	*The tranquil atmospheric conditions allowed for entirely unobstructed high-resolution astronomical observations.*
irritate *B2*	tahriş etmek sinirlendirmek	*The harsh synthetic chemicals will rapidly irritate the deeply sensitive dermal tissue.* *The constant high-frequency background noise began to severely irritate the experimental human subjects.*
resemble *B2*	benzemek	*The newly synthesized artificial compound strongly appears to resemble a naturally occurring organic enzyme.*
adjust *B2*	ayarlamak (uyarlamak)	*The sophisticated optical telescope can automatically adjust its internal focal length continuously.*
deter *C1*	caydırmak	*The incredibly strong electrical fence is primarily designed to securely deter large invasive predators.*
submit *B2*	sunmak (teslim etmek) boyun eğmek	*The scientists must formally submit their detailed research findings for rigorous peer review.* *The subordinate wolf will clearly physically submit to the alpha of the pack.*
adhere *C1*	yapışmak bağlı kalmak	*The specialized synthetic polymer will strongly adhere to wet biological tissue surfaces.* *The clinical researchers must strictly adhere to established international medical ethical guidelines.*
literacy *B2*	okuryazarlık	*Basic statistical literacy is fundamentally crucial for accurately interpreting modern epidemiological research data.*
competent *C1*	yetkin (yeterli)	*The highly competent software engineer efficiently optimized the complex machine learning algorithm.*
vocational *B2*	mesleki	*The technical institute provides highly specialized vocational training for advanced industrial manufacturing.*
exclude *B2*	dışlamak (hariç tutmak)	*The rigorous statistical analysis must deliberately exclude any significantly corrupted empirical data points.*
relieve *B2*	hafifletmek rahatlatmak	*The analgesic drug will relieve neuropathic pain in rodent models.* *Deep breathing exercises can relieve acute anxiety symptoms prior to examination.*
deteriorate *B2*	bozulmak kötüleşmek	*The patient's renal function will deteriorate rapidly without hemodialysis intervention.* *Structural integrity of the bridge deteriorates due to sustained chloride-induced corrosion.*
attain *C1*	ulaşmak elde etmek	*The rocket must attain escape velocity to enter low Earth orbit.* *Participants who attain proficiency scores above 80% will receive certification.*
withdraw *B2*	geri çekmek çekilmek	*The subject will withdraw their consent if adverse effects manifest.* *Troops will withdraw from the conflict zone following the ceasefire agreement.*
precaution *B2*	önlem tedbir	*Laboratory workers wear protective goggles as a precaution against chemical splashes.* *Storing volatile reagents in a fume hood is a standard precaution.*

Word	Translation	Example Sentence
terminate *B2*	sonlandırmak feshetmek	*The algorithm will terminate execution upon reaching convergence criteria.* *The employer may terminate the contract if safety protocols are violated.*
prevalent *C1*	yaygın geçerli	*Antibiotic-resistant bacteria are increasingly prevalent in hospital environments.* *The mutation is more prevalent among populations with ancestral exposure to malaria.*
momentum *B2*	ivme hız	*The particle's linear momentum is conserved in the absence of external forces.* *Social reform gained momentum after the publication of the landmark study.*
absorb *B2*	emmek absorbe etmek	*Chlorophyll molecules absorb photons primarily in the red and blue wavelengths.* *The buffer solution will absorb excess hydrogen ions to maintain stable pH.*
hospitable *C1*	misafirperver yaşanabilir	*The exoplanet's atmospheric composition may not be hospitable to carbon-based life.* *The research team found the host institution remarkably hospitable to cross-disciplinary collaboration.*
instantaneous *C1*	anlık anında	*The flash lamp emits an instantaneous pulse of light lasting less than one nanosecond.* *Instantaneous velocity differs from average velocity when acceleration is non-zero.*
detrimental *C1*	zararlı	*Chronic sleep restriction has a detrimental effect on cognitive performance and memory consolidation.* *The introduction of invasive species proved detrimental to native arthropod populations.*
preliminary *B2*	ön başlangıç	*The preliminary data suggest a positive correlation between dosage and response.* *Researchers conducted a preliminary feasibility study before the full-scale trial.*
seminal *C2*	çığır açıcı tohum niteliğinde	*Watson and Crick's seminal paper on DNA structure revolutionized molecular biology.* *The seminal work of Piaget continues to influence developmental psychology.*
mortal *B2*	ölümlü ölümcül	*Humans are mortal beings with a maximum documented lifespan of 122 years.* *A mortal wound to the thoracic aorta leads to exsanguination within minutes.*
reveal *B2*	ortaya çıkarmak göstermek	*The electron microscope will reveal ultrastructural details of the organelle.* *Genetic analysis may reveal previously unknown pathogenic variants.*
substantial *B2*	önemli büyük	*The study found a substantial reduction in tumor volume after three treatment cycles.* *A substantial investment in infrastructure is required to modernize the grid.*
exponential *C1*	üstel	*Bacterial growth under ideal conditions follows an exponential curve.* *The rate of technological advancement has been exponential over the past century.*
convenient *B1*	uygun elverişli	*Using a spectrophotometer is a convenient method for quantifying nucleic acid concentration.* *The software provides a convenient interface for managing large datasets.*
precise *B2*	hassas tam	*The laser cutting tool requires precise calibration to achieve sub-millimeter accuracy.* *A precise definition of the phenotype is essential for genetic association studies.*
fruitful *C1*	verimli faydalı	*The interdisciplinary collaboration proved fruitful, yielding three high-impact publications.* *Long-term ecological studies are particularly fruitful for understanding climate change effects.*
noblewoman *B2*	soylu kadın	*The noblewoman patronized several alchemical researchers during the 17th century.* *Historical records indicate one noblewoman funded the first botanical garden in the region.*
intimate *B2*	yakın samimi	*The intimate relationship between the gut microbiota and host immunity is well documented.* *Researchers gained an intimate understanding of the protein's folding dynamics.*
severe *B2*	şiddetli ağır	*The patient presented with severe bradycardia and hypotension.* *Severe weather conditions forced the postponement of the rocket launch.*
disorder *B2*	bozukluk düzensizlik	*Bipolar disorder is characterized by alternating manic and depressive episodes.* *Entropy measures the degree of molecular disorder in a closed system.*

Word	Translation	Example Sentence
exploit *B2*	sömürmek kullanmak	*The algorithm will exploit available computational resources to minimize runtime.* *Colonial powers systematically exploited natural resources without regard for indigenous populations.*
victimize *C1*	mağdur etmek	*Fraudulent schemes often victimize elderly individuals with limited digital literacy.* *The study examined how authoritarian regimes victimize political dissidents.*
supervise *B2*	denetlemek gözetmek	*A licensed principal investigator must supervise all experiments involving radioactive isotopes.* *The nurse will supervise medication administration to prevent dosing errors.*
component *B2*	bileşen	*The ribosome is a fundamental component of the protein synthesis machinery.* *Each component of the alloy contributes uniquely to its mechanical properties.*
conventional *B2*	geleneksel alışılmış	*Conventional agriculture relies heavily on synthetic nitrogen fertilizers.* *The conventional wisdom regarding sleep requirements has been challenged by recent studies.*
superior *B2*	üstün	*The composite material exhibits superior tensile strength compared to steel.* *No single machine learning algorithm is universally superior across all problem domains.*
agile *C1*	çevik esnek	*The agile software development methodology prioritizes iterative delivery and customer feedback.* *Agile predators like cheetahs depend on rapid acceleration and directional changes.*
metabolism *B2*	metabolizma	*Basal metabolism accounts for approximately 60–75% of total daily energy expenditure.* *Drug metabolism occurs primarily in the liver via cytochrome P450 enzymes.*
fungus *B2*	mantar	*The fungus Candida albicans is an opportunistic pathogen in immunocompromised hosts.* *Mycorrhizal fungus forms symbiotic associations with plant root systems.*
poisonous *B2*	zehirli	*The Amanita phalloides poisonous mushroom contains amatoxins that inhibit RNA polymerase.* *Some snakes are poisonous to ingest, while others are venomous via bite.*
scholarly *C1*	akademik bilimsel	*The scholarly peer-review process ensures research validity before publication.* *Her scholarly output includes 45 articles in indexed journals.*
upheaval *C1*	kargaşa altüst oluş	*The Industrial Revolution caused a massive social upheaval, shifting populations from rural to urban centers.* *Tectonic upheaval can expose previously buried geological strata.*
regime *B2*	rejim düzen	*The authoritarian regime restricted scientific exchange with foreign institutions.* *A controlled temperature regime is critical for the fermentation process.*
constitutional *B2*	anayasal	*The constitutional amendment protected freedom of scientific inquiry.* *A constitutional monarchy differs from an absolute monarchy in the distribution of executive power.*
suffrage *B2*	oy hakkı	*Universal suffrage for adults over 18 is a cornerstone of modern democracies.* *The women's suffrage movement achieved voting rights in many nations by the early 20th century.*
inspire *B2*	ilham vermek	*The researcher's dedication will inspire future generations of scientists.* *Natural patterns often inspire biomimetic engineering designs.*
legacy *B2*	miras	*The legacy of the Manhattan Project includes both nuclear energy and weapons proliferation.* *Legacy software systems often require maintenance despite inefficient architectures.*
enthrall *C2*	büyülemek hayran bırakmak	*The complexity of neural networks continues to enthrall computational neuroscientists.* *The audience was enthralled by the demonstration of quantum entanglement.*
interweave *C1*	iç içe geçmek birleştirmek	*The study will interweave genetic, environmental, and behavioral data to model disease risk.* *Historical narratives interweave factual events with interpretive frameworks.*

Word	Translation	Example Sentence
superb B2	mükemmel harika	*The spectrometer yielded superb resolution at sub-nanometer scales.* *The team's superb experimental design minimized confounding variables.*
collaborate B2	işbirliği yapmak	*The biochemists will collaborate with computational modelers to simulate protein folding.* *International agencies must collaborate to track pandemic spread effectively.*
menace B2	tehdit tehlike	*Invasive species pose a persistent menace to native biodiversity.* *The unsupervised release of autonomous weapons is a global menace.*
gangster B2	gangster haydut	*The gangster network controlled illicit drug trafficking across several jurisdictions.* *Organized gangster violence correlates with economic deprivation in urban sociology studies.*
youthful B2	genç dinamik	*The youthful skin exhibits higher collagen density and elasticity.* *Youthful enthusiasm for research often drives innovative but risky experiments.*
ambition B2	hırs hedef	*Her ambition to publish in Nature motivated rigorous experimental controls.* *The project's ambition exceeded available funding, leading to partial completion.*
erode C1	aşındırmak	*Acid rain will erode calcareous building materials over decades.* *Public trust in scientific institutions can erode following research misconduct scandals.*
artful C1	becerikli ustaca	*The artful design of the CRISPR-Cas9 system allows precise gene editing.* *The researcher used an artful combination of inhibitors to dissect the signaling pathway.*
sympathetic B2	anlayışlı sempatik	*The autonomic nervous system's sympathetic branch mediates fight-or-flight responses.* *The review committee was sympathetic to the challenges of fieldwork in remote regions.*
execute B2	uygulamak idam etmek	*The computer will execute the compiled code line by line.* *The protocol must be executed exactly as written to ensure reproducibility.*
intricate C1	karmaşık girift	*The intricate folding patterns of the protein determine its binding affinity.* *Ecological food webs exhibit intricate dependencies among species.*
involve B2	içermek dahil etmek	*The experiment will involve both in vitro and in vivo phases.* *Solving this equation involves integrating over a non-linear domain.*
disapprove B2	onaylamamak	*The institutional review board may disapprove studies lacking informed consent protocols.* *Many evolutionary biologists disapprove of teleological explanations in adaptation.*
forthcoming C1	yakında olacak hazır	*The forthcoming issue of the journal will feature a meta-analysis on this topic.* *The data were not forthcoming due to equipment malfunction.*
subliminal C2	bilinçaltı	*Subliminal visual stimuli presented below conscious threshold can still prime neural responses.* *The study found no evidence that subliminal audio messages alter purchasing behavior.*
credible B2	güvenilir inandırıcı	*A credible source of funding disclosure enhances research integrity.* *The null hypothesis remains credible until p-value falls below 0.05.*
rationale C1	gerekçe mantık	*The rationale for using a double-blind design is to eliminate observer bias.* *The author provided a clear rationale for excluding certain demographic groups.*
imminent C1	yakın eli kulağında	*The volcanic eruption is imminent based on seismic tremor frequency.* *Evacuation orders were issued due to the imminent flood risk.*
digestive B2	sindirim	*The digestive system breaks down macromolecules into absorbable monomers.* *Pancreatic enzymes play a crucial digestive role in the small intestine.*
cardiovascular B2	kardiyovasküler kalp-damar	*Regular aerobic exercise improves cardiovascular fitness by increasing stroke volume.* *Cardiovascular disease remains the leading cause of mortality worldwide.*

Word	Translation	Example Sentence
dissipate *C1*	dağılmak yok olmak	*The thermal energy will dissipate into the surroundings via conduction and convection.* *Turbulence causes the pollutant cloud to dissipate over time.*
spur *B2*	teşvik etmek harekete geçirmek	*The discovery of antibiotic resistance genes should spur new drug development initiatives.* *Economic incentives can spur adoption of green technologies.*
cope *B2*	başa çıkmak	*Organisms must cope with fluctuating environmental conditions to survive.* *The research team developed strategies to cope with missing data in longitudinal studies.*
identical *B2*	aynı özdeş	*The two DNA sequences are 99% identical except for a single nucleotide polymorphism. Identical twins share nearly all of their genetic material.*
reputation *B2*	itibar ün	*The journal's reputation for rigorous peer review attracts high-quality submissions.* *A scientist's reputation can be damaged irreparably by data fabrication.*
experiment *B2*	deney	*The controlled experiment will test the effect of temperature on enzyme kinetics.* *Each experiment includes a negative control to rule out contamination.*
neutral *B2*	nötr	*A neutral pH of 7.0 indicates equal concentrations of H+ and OH- ions.* *The mediator remained neutral during the debate between competing hypotheses.*
integral *C1*	ayrılmaz tamamlayıcı	*Critical thinking is an integral component of scientific literacy.* *The integral of velocity over time yields displacement.*
prescribe *B2*	reçete etmek önermek	*The physician will prescribe a beta-blocker for hypertension management.* *The protocol prescribes a centrifugation step at 4000g for ten minutes.*
radical *B2*	köklü radikal	*The free radical theory of aging implicates oxidative damage in cellular senescence.* *A radical redesign of the experimental apparatus improved throughput by 300%.*
mandatory *B2*	zorunlu	*Safety goggles are mandatory in all wet laboratory spaces.* *Completion of ethics training is mandatory prior to subject enrollment.*
literate *B2*	okuryazar	*A scientifically literate population can evaluate evidence and distinguish peer-reviewed sources.* *The technician must be computer-literate to operate the mass spectrometer.*
storytelling *B2*	hikaye anlatımı	*Effective storytelling in grant proposals increases funding success rates. Storytelling has been a primary mode of transmitting ecological knowledge across generations.*
profound *C1*	derin büyük	*The discovery of DNA structure had a profound impact on biology.* *The patient experienced profound fatigue following chemotherapy.*
proficient *C1*	yeterli uzman	*The researcher is proficient in Python, R, and MATLAB for data analysis.* *To operate the electron microscope independently, one must become proficient in vacuum system management.*
simple *B2*	basit	*The simple diffusion of gases across membranes requires no energy input.* *A simple linear regression model may not capture complex interactions.*
flexible *B2*	esnek	*The flexible work schedule allowed the team to accommodate time-sensitive experiments.* *Polymer chains become more flexible at temperatures above their glass transition point.*
hinder *B2*	engellemek	*Excessive light pollution will hinder astronomical observations of faint nebulae.* *Lack of funding can hinder the translation of basic research into clinical applications.*
likely *B2*	olası	*Subjects who skip meals are more likely to experience hypoglycemia.* *It is likely that climate change will exacerbate species extinction rates.*
comparative *B2*	karşılaştırmalı	*Comparative genomics reveals conserved regulatory elements across evolutionarily distant species.* *The study used a comparative approach to assess treatment efficacy versus placebo.*
emerge *B2*	ortaya çıkmak	*Novel viral strains can emerge through recombination and mutation.* *From the chaos of early development, organized neural circuits gradually emerge.*

Word	Translation	Example Sentence
gradual *B2*	kademeli aşamalı	*The species underwent a gradual morphological change over 10,000 generations.* *A gradual increase in temperature minimized thermal shock to the cell culture.*
unanswered *B2*	cevapsız	*The mechanism of long-term memory consolidation remains an unanswered question in neuroscience.* *Several unanswered critiques of the methodology were raised during the Q&A session.*
compute *B2*	hesaplamak	*The supercomputer will compute the trajectory of each particle in the simulation.* *To compute the standard deviation, first find the mean of the dataset.*
predict *B2*	tahmin etmek	*The model can predict protein secondary structure with 80% accuracy.* *Meteorologists predict hurricane paths using ensemble forecasting techniques.*
exceptional *B2*	olağanüstü	*The exceptional binding affinity of the antibody suggests therapeutic potential.* *Under exceptional circumstances, the review board may waive informed consent requirements.*
stake *C1*	pay risk	*Each collaborator has a financial stake in the patent's success.* *The stake of getting the answer wrong is committing a Type I error.*
rudimentary *C1*	ilkel basit	*The first robots had rudimentary sensors and limited decision-making algorithms.* *A rudimentary understanding of statistics is necessary to interpret p-values.*
captive *B2*	esir tutsak	*The captive breeding program aims to reintroduce the species into protected habitats.* *Captive animals may exhibit stereotypic behaviors not seen in wild populations.*
conceptual *C1*	kavramsal	*The conceptual framework of the theory relies on the idea of natural selection.* *A conceptual model often precedes mathematical formulation in physics.*
ground *B2*	zemin temellendirmek	*The ground conductivity affects the propagation of radio waves.* *The researcher will ground her hypotheses in established neuroanatomical findings.*
plausible *C1*	makul inandırıcı	*The alternative explanation is plausible given the observed effect size.* *No plausible mechanism has been proposed for the alleged phenomenon.*
revenue *B2*	gelir	*The university's research revenue from patents exceeded $50 million last year.* *Publication fees constitute a growing portion of open-access journal revenue.*
compete *B2*	rekabet etmek	*Different laboratories often compete to publish similar findings first.* *Predators and prey compete indirectly for limited environmental resources.*
burdensome *C1*	külfetli zorlayıcı	*The reporting requirements proved burdensome for small research teams.* *Carrying heavy protective equipment is burdensome but necessary in high-security labs.*
overseas *B2*	yurtdışı	*The researcher moved overseas for access to advanced synchrotron facilities.* *Overseas collaboration can introduce cultural and regulatory challenges.*
genesis *C1*	doğuş başlangıç	*The genesis of the theory can be traced to a single anomalous observation.* *Understanding the genesis of metastatic tumors requires lineage tracing experiments.*
mindful *B2*	dikkatli farkında	*Researchers must be mindful of potential conflicts of interest when accepting industry funding.* *Be mindful of the temperature sensitivity of the enzyme during handling.*
inaction *C1*	eylemsizlik	*Regulatory inaction may allow hazardous chemicals to remain on the market.* *Prolonged inaction in response to climate change will increase adaptation costs.*
loan *B2*	ödünç verme kredi	*The graduate student took out a loan to cover tuition during dissertation research.* *The lab equipment was obtained as a long-term loan from a collaborating institution.*
repay *B2*	geri ödemek	*The grant recipient must repay unspent funds to the funding agency.* *It may take decades to repay the student debt accumulated during medical training.*
discourage *B2*	caydırmak cesaretini kırmak	*Negative results should not discourage publication; they add to scientific knowledge.* *High publication fees may discourage researchers from low-income countries.*
outweigh *C1*	ağır basmak	*The benefits of vaccination vastly outweigh the rare risk of adverse events.* *For most patients, treatment side effects do not outweigh survival gains.*

Word	Translation	Example Sentence
nimble *C1*	çevik atik	*The nimble robotic arm performed microsurgical anastomoses with precision.* *Small startups are often more nimble than large corporations in pivoting research directions.*
incapable *B2*	yeteneksiz aciz	*The mutant strain is incapable of synthesizing the essential amino acid leucine.* *This software is incapable of handling datasets larger than 2 GB.*
delicate *B2*	hassas narin	*The delicate balance of the ecosystem was disrupted by the invasive predator.* *Handle the delicate optical fiber with care to avoid microcracks.*
clumsy *B2*	sakar hantal	*The clumsy manipulation of the micropipette led to inaccurate volume transfer.* *Early prosthetic limbs were clumsy and offered limited dexterity.*
excel *B2*	mükemmel olmak üstün olmak	*Students who excel in organic chemistry often pursue pharmaceutical research.* *The species excels at colonizing disturbed habitats due to rapid reproduction.*
perceive *B2*	algılamak fark etmek	*Humans perceive color through three types of cone photoreceptors.* *The subjects did not perceive the subliminal visual cues presented at 5 ms duration.*
odds *B2*	olasılık ihtimal	*The odds of a Type I error increase with multiple hypothesis testing.* *Despite long odds, the expedition successfully recovered the sediment cores.*
mount *B2*	monte etmek artmak binmek	*The technician will mount the sample on a carbon-coated grid for electron microscopy.* *Tension began to mount as the deadline for manuscript submission approached.*
undertake *B2*	üstlenmek girişmek	*The research team will undertake a longitudinal study of cognitive decline.* *Before you undertake gene editing, secure institutional biosafety approval.*
initial *B2*	başlangıç	*The initial hypothesis was rejected after analyzing the full dataset.* *The initial burst of fluorescence decayed exponentially over 100 milliseconds.*
forgettable *B2*	unutulabilir sıradan	*The poster presentation was forgettable due to poor data visualization.* *Most routine lab meetings produce forgettable discussions unless action items are recorded.*
replicate *B2*	tekrarlamak kopyalamak	*The independent lab failed to replicate the original study's findings.* *Cells replicate their DNA during the S phase of the cell cycle.*
enhance *B2*	geliştirmek artırmak	*Adding a conductive polymer will enhance the electrode's charge storage capacity.* *The new algorithm enhances signal-to-noise ratio by adaptive filtering.*
salient *C1*	belirgin çarpıcı	*The salient feature of the mutation is a loss of enzymatic activity.* *Identify the most salient variables before building the regression model.*
cue *B2*	işaret ipucu	*The auditory cue triggered a conditioned fear response in the rodents.* *Visual cues guide the robotic arm during object manipulation tasks.*
recollect *C1*	hatırlamak anımsamak	*The patient could not recollect events from the 24 hours preceding the seizure.* *Attempting to recollect a repressed memory can sometimes create false narratives.*
neural *B2*	sinirsel nöral	*Neural activity in the hippocampus correlates with spatial navigation performance.* *The neural network model was trained on 10,000 labeled images.*
alter *B2*	değiştirmek	*The CRISPR-Cas9 system can alter specific genomic loci with high precision.* *Do not alter the buffer composition without recalibrating the pH meter.*
distinct *B2*	belirgin farklı	*The two species are genetically distinct despite morphological similarities.* *A distinct threshold effect was observed at 50 mM concentration.*
stimulus *B2*	uyarıcı	*The stimulus was a 1000 Hz tone presented at 80 dB for 500 ms.* *An unconditioned stimulus naturally elicits a response without prior learning.*
broad *B2*	geniş kapsamlı	*The study takes a broad view of metabolic regulation across tissues.* *A broad range of concentrations was tested to establish the dose-response curve.*
susceptible *C1*	duyarlı hassas	*Immunocompromised patients are especially susceptible to opportunistic infections.* *Silica nanoparticles make the coating more susceptible to cracking under stress.*

Word	Translation	Example Sentence
viable *C1*	yaşayabilir uygulanabilir	*The embryo must implant in the uterine wall to become viable.* *Only viable bacterial colonies will grow on selective media.*
urgent *B2*	acil	*There is an urgent need for new antibiotics targeting multidrug-resistant bacteria.* *The patient's deteriorating status required urgent surgical intervention.*
contingent *C1*	bağlı koşullu	*The funding is contingent upon achieving specified recruitment milestones.* *The results are contingent on the assumption of normally distributed errors.*
grave *B2*	ciddi ağır (tehlikeli)	*The patient is in grave condition following the stroke.* *A grave error in the experimental design invalidated the conclusions.*
harsh *B2*	sert acımasız	*The harsh chemical conditions of the lysosome degrade foreign particles.* *Peer reviewers can be harsh, but their critiques improve manuscript quality.*
onset *C1*	başlangıç (hastalık vb.)	*The onset of symptoms occurred 48 hours after exposure.* *Early onset of puberty is associated with various metabolic risks.*
respiratory *B2*	solunum	*The respiratory tract is lined with ciliated epithelial cells.* *Severe acute respiratory syndrome (SARS) is caused by a coronavirus.*
viral *B2*	viral	*The viral infection spread rapidly through the immunologically naive population.* *Viral vector delivery systems are used in gene therapy trials.*
initiative *B2*	girişim inisiyatif	*The initiative to replicate controversial studies was funded by a private foundation.* *Taking the initiative to document negative results prevents duplication of effort.*
overuse *B2*	aşırı kullanım	*Antibiotic overuse drives the evolution of resistant bacterial strains.* *Overuse of non-renewable groundwater resources leads to aquifer depletion.*
complementary *C1*	tamamlayıcı	*The two techniques provide complementary information on protein structure.* *Complementary DNA strands hybridize via base pairing.*
illustrate *B2*	örneklendirmek göstermek	*Figure 2 will illustrate the relationship between temperature and reaction rate.* *The case study illustrates the challenges of informed consent in emergency research.*
intrigue *C1*	merak uyandırmak ilgisini çekmek	*The anomalous result intrigued the research team, prompting further investigation.* *The complexity of epigenetic regulation continues to intrigue molecular biologists.*
avoid *B2*	kaçınmak	*To avoid photobleaching, reduce the intensity of the excitation light.* *Subjects should avoid eating for eight hours prior to blood sampling.*
inescapable *C1*	kaçınılmaz	*The conclusion that the null hypothesis is false appears inescapable given the data.* *Uncertainty is an inescapable feature of predictive modeling.*
negligible *C1*	ihmal edilebilir önemsiz	*The difference between the two measurements was negligible relative to the standard deviation.* *The systematic error remained negligible below 50°C but increased exponentially thereafter.*
knowledgeable *B2*	bilgili haberdar	*The principal investigator is highly knowledgeable about CRISPR off-target effects.* *A knowledgeable research assistant can troubleshoot PCR failures efficiently.*
infant *B1*	bebek süt çocuğu	*The infant brain undergoes rapid synaptogenesis during the first two years of life.* *Sudden infant death syndrome (SIDS) peaks between two and four months of infant age.*
unintended *B2*	istenmeyen kasıtsız	*The gene knockout produced unintended alterations in the expression of neighboring genes.* *Unintended side effects of the drug emerged only after long-term administration.*
propose *B2*	önermek teklif etmek	*We propose a novel mechanism for ATP synthesis independent of the proton gradient.* *The authors propose that the observed correlation indicates a causal relationship.*
essential *B2*	temel zorunlu	*Adequate sample size is essential for detecting small effect sizes in clinical trials.* *Tryptophan is an essential amino acid that must be obtained from the diet.*
assemble *B2*	birleştirmek toplamak	*The research team will assemble the genome sequences into a complete reference.* *To assemble the centrifuge rotor, align the bucket pins with the drive hub.*

Word	Translation	Example Sentence
illogical *B2*	mantıksız	*It is illogical to conclude causation from a simple bivariate correlation without controlling for confounders.* *The argument that absence of evidence constitutes evidence of absence is illogical.*
consolidate *C1*	pekiştirmek birleştirmek	*Sleep spindles help consolidate declarative memories into long-term storage.* *The two laboratories will consolidate their datasets to increase statistical power.*
nocturnal *B2*	gece aktif gececil	*The nocturnal rodent species exhibits peak locomotor activity during the dark phase.* *Nocturnal pollination is often mediated by moths and bats rather than bees.*
novel *B2*	yeni özgün	*The researchers identified a novel gene variant associated with drug resistance.* *A novel approach to water purification uses graphene oxide membranes.*
appropriate *B2*	uygun yerinde	*It is appropriate to use a Bonferroni correction when conducting multiple pairwise comparisons.* *Select the appropriate control group to match the treatment group on baseline variables.*
expressive *B2*	anlatımcı ifade edici	*The expressive phenotype of the mutation includes altered facial morphology.* *Language disorders may impair both receptive and expressive communication.*
encounter *B2*	karşılaşmak rastlamak	*The immune system may encounter the same pathogen again during secondary infection.* *During field work, researchers may encounter unforeseen environmental hazards.*
breed *B2*	yetiştirmek üremek	*The lab will breed the transgenic mice on a C57BL* *6 background.* *Some amphibian species breed exclusively in ephemeral pools after heavy rainfall.*
manipulate *B2*	manipüle etmek yönlendirmek	*The experimenter can manipulate the independent variable by adjusting light intensity.* *Researchers must not manipulate raw data to achieve statistical significance.*
split *B2*	bölmek ayırmak	*The cell splits into two daughter cells during cytokinesis.* *The cohort was split into training and validation subsets at a 70:30 ratio.*
obsess *C1*	takıntılı olmak zihnini kurcalamak	*Some researchers obsess over minor methodological details while overlooking major design flaws.* *The clinician warned that patients may obsess about symptom monitoring to a pathological degree.*
pathological *C1*	patolojik hastalıkla ilgili	*The pathological accumulation of tau protein is a hallmark of Alzheimer's disease.* *Pathological gambling is classified as an impulse control disorder in diagnostic manuals.*
fixate *C1*	sabitlemek takılıp kalmak	*The visual system will fixate on the target stimulus for approximately 200 milliseconds.* *Novice statisticians tend to fixate on p-values rather than effect sizes.*
physician *B2*	hekim doktor	*The attending physician ordered a complete blood count to rule out infection.* *A physician must obtain informed consent before enrolling a patient in a clinical trial.*
perfect *B2*	mükemmel kusursuz	*The optical system achieved perfect alignment after iterative calibration steps.* *No experimental design is perfect; every study has inherent limitations.*
compel *B2*	zorlamak mecbur etmek	*The evidence will compel the scientific community to reconsider the prevailing theory.* *Ethical guidelines do not compel a researcher to publish results that may cause harm.*
sustain *B2*	sürdürmek desteklemek	*The ecosystem cannot sustain indefinitely high rates of nutrient extraction.* *The battery can sustain a constant current of 2 amperes for three hours.*
unrealistic *B2*	gerçekçi olmayan	*The model's assumption of zero friction is unrealistic for most biological systems.* *It is unrealistic to expect a single biomarker to diagnose all subtypes of the disease.*
lessen *B2*	azaltmak	*Early intervention may lessen the severity of cognitive decline in at-risk individuals.* *Adding a surfactant will lessen the surface tension of the aqueous solution.*
cluster *B2*	küme kümelenmek	*The cases formed a spatial cluster near the contaminated water source.* *Genes with similar expression profiles tend to cluster together in heatmap analysis.*

Word	Translation	Example Sentence
coastal *B2*	kıyı sahil	*Coastal ecosystems such as mangroves provide critical nursery habitats for fish.* *The coastal monitoring station recorded a sea level rise of 3.2 millimeters per year.*
prey *B2*	av avlamak	*The owl detects prey using asymmetric ear placement for sound localization.* *In the classic predator-prey model, population cycles emerge from coupled differential equations.*
warlike *C1*	savaşçıl savaş sever	*The warlike inscriptions on the stele describe territorial conquests and tribute collection.* *Anthropologists debate whether any human society is inherently warlike or whether conflict is situational.*
nomadic *B2*	göçebe	*The nomadic pastoralist herders follow seasonal rainfall patterns to access grazing land.* *Nomadic hunter-gatherer groups typically have low population densities and flexible social structures.*
disperse *B2*	dağılmak yayılmak	*The aerosol particles will disperse rapidly in turbulent atmospheric conditions.* *After pollination, the dandelion seeds disperse via wind-assisted pappus structures.*
ambush *C1*	pusu pusu kurmak	*The predator will ambush its prey from concealed vegetation rather than chasing over long distances.* *The military unit employed an ambush tactic using the natural topography for cover.*
tactic *B2*	taktik	*The escape tactic of the squid involves jet propulsion and ink release.* *A common tactic to reduce confounding is to randomize subject assignment to treatment groups.*
undoubted *B2*	şüphesiz kuşkusuz	*The study has undoubted strengths, including a large sample size and longitudinal design.* *Her expertise in electron microscopy is of undoubted value to the collaborative*
assure *B2*	garanti etmek güvence vermek	*The protocol is designed to assure sterility of the culture medium.* *The manufacturer must assure that each batch of reagents meets purity*
recede *C1*	geri çekilmek azalmak	*The gum tissue will recede gradually in patients with chronic periodontitis.* *As the floodwaters recede, sediment deposits become visible on the floodplain.*
dyslexia *B2*	disleksi	*Dyslexia is characterized by difficulty with accurate and fluent word recognition despite normal intelligence.* *Neuroimaging studies reveal altered activation patterns in the left temporoparietal cortex of individuals with dyslexia.*
alienate *C1*	uzaklaştırmak yabancılaştırmak	*Jargon-heavy writing may alienate readers from non-specialist backgrounds.* *The authoritarian lab culture risked alienateing junior researchers and reducing retention.*
manifest *C1*	belirgin hale gelmek ortaya çıkmak	*The disease may manifest initially as mild fatigue before progressing to more severe symptoms.* *Genetic mutations manifest as phenotypic changes only when expressed in appropriate cellular contexts.*
discriminate *B2*	ayırt etmek ayrım yapmak	*The visual system can discriminate between wavelengths differing by as little as 2 nanometers.* *Statistical tests cannot discriminate causation from correlation without experimental manipulation.*
controversy *B2*	tartışma ihtilaf	*There is considerable controversy surrounding the use of p=0.05 as a rigid significance threshold.* *The controversy over publication bias has led to calls for registered reports.*
neglect *B2*	ihmal etmek	*To neglect the reporting of adverse events is a violation of research ethics.* *The study neglected to account for seasonal variation in air pollution levels.*
radiation *B2*	radyasyon	*Ionizing radiation causes DNA double-strand breaks that can lead to mutagenesis.* *Solar radiation drives photochemical reactions in the upper atmosphere.*
rough *B2*	pürüzlü kaba zor	*The rough surface topography increases the effective surface area for catalysis.* *The manuscript is a rough draft and requires substantial editing before submission.*

Word	Translation	Example Sentence
evaporate *B2*	buharlaşmak	*The solvent will evaporate completely under reduced pressure at room temperature.* *Water molecules evaporate from leaf surfaces during transpiration.*
dense *B2*	yoğun	*The dense canopy cover reduces light availability for understory vegetation.* *The alloy has a dense, close-packed crystal structure that impedes dislocation motion.*
evident *B2*	açık belirgin	*It was evident from the dose-response curve that the compound has an IC50 of 2 micromolar.* *A publication bias became evident when the funnel plot showed asymmetry.*
arbitrary *C1*	keyfi rastgele	*The choice of 0.05 as the significance level is historically arbitrary rather than mathematically derived.* *The clustering algorithm requires the user to specify an arbitrary number of initial centroids.*
construct *B2*	inşa etmek oluşturmak	*The researcher will construct a plasmid containing the gene of interest under an inducible promoter.* *The theoretical framework was constructed from first principles using axiomatic reasoning.*
mediocre *B2*	vasat orta kalitede	*The impact factor of the journal was mediocre, leading the team to submit elsewhere.* *A mediocre signal-to-noise ratio compromised the interpretability of the imaging data.*
uncover *B2*	ortaya çıkarmak keşfetmek	*The excavation helped uncover fossilized remains of a previously unknown hominid species.* *Further analysis may uncover hidden correlations not apparent in the aggregate data.*
sight *B2*	görme görüş	*The sight of the specimen under the microscope revealed intricate cellular structures.* *Loss of sight in one eye impairs depth perception based on binocular disparity.*
strict *B2*	katı sıkı	*The institutional review board imposed strict criteria for informed consent documentation.* *A strict interpretation of the p-value threshold reduces false positives but increases false negatives.*
drastic *C1*	köklü sert	*A drastic reduction in sample temperature caused the material to undergo a phase transition.* *The intervention produced a drastic improvement in survival rate, from 10% to 75%.*
ardent *C1*	ateşli tutkulu	*The researcher was an ardent proponent of the RNA world hypothesis for the origin of life.* *Despite negative results, the team remained ardent in their commitment to open science practices.*
gossip *B2*	dedikodu	*Academic gossip within informal networks can influence hiring decisions as much as formal evaluations.* *The spread of gossip in research communities may distort the perceived credibility of findings.*
worthy *B2*	değer layık	*The hypothesis was considered worthy of further investigation despite preliminary null results.* *A research question is worthy only if it can be answered empirically with available methods.*
accord *C1*	uyum anlaşma	*The findings are in accord with the predictions of the standard model.* *The two independent assays yielded results that accord closely, confirming reliability.*
intuitive *C1*	sezgisel	*It is intuitive that increasing sample size reduces sampling error, but diminishing returns apply.* *The software provides an intuitive graphical interface for running statistical tests.*
intake *B2*	alım (besin, sıvı vb.)	*Daily caloric intake was recorded using a validated food frequency questionnaire.* *Fluid intake restriction is part of the protocol for the oral glucose tolerance test.*
shrink *B2*	küçülmek büzüşmek	*The hydrogel will shrink to 30% of its original volume upon dehydration.* *Tumor volume began to shrink after the third cycle of chemotherapy.*
glucose *B2*	glikoz	*Blood glucose concentration is tightly regulated by insulin and glucagon.* *The culture medium contains 25 mM glucose as the primary carbon source.*

Word	Translation	Example Sentence
malicious *C1*	kötü niyetli	*Malicious code embedded in the analysis script corrupted the raw data files.* *The retraction was due to malicious manipulation of images by a single co-author.*
racial *B2*	ırksal	*The study controlled for racial and ethnic demographic variables to avoid confounding.* *Racial disparities in healthcare access persist even after adjusting for socioeconomic status.*
harmony *B2*	uyum ahenk	*The symbiotic relationship exists in harmony when both host and microbiota benefit.* *The two analytical methods worked in harmony to resolve the chemical structure.*
accessible *B2*	erişilebilir	*The raw data should be made accessible through a public repository.* *The microscope's controls are accessible even when wearing thick gloves.*
striking *B2*	çarpıcı dikkat çekici	*A striking difference in mutation frequency was observed between the two populations.* *The most striking feature of the spectrum is an absorption peak at 450 nm.*
fuse *C1*	kaynaşmak birleşmek	*The two vesicles fuse to form a larger endosome following membrane merger.* *The researcher will fuse the data from multiple modalities into a single analytical framework.*
dietary *B2*	diyetle ilgili besinsel	*Dietary fiber intake is inversely associated with risk of colorectal cancer.* *The study examined the effects of dietary supplementation with omega-3 fatty acids.*
humble *C1*	mütevazı alçakgönüllü	*The researcher maintained a humble attitude even after the landmark discovery.* *The study's conclusions are appropriately humble given the limited sample size.*
charitable *B2*	hayırsever yardımsever	*The charitable foundation provided seed funding for the pilot study on neglected tropical diseases.* *It is charitable to assume that the error resulted from oversight rather than misconduct.*
tyrannical *C1*	zalim despot	*The tyrannical lab head suppressed dissenting interpretations of the data.* *Historical accounts describe the tyrannical regime's suppression of scientific inquiry.*
condemn *B2*	kınamak	*The scientific community was quick to condemn the fraudulent publication.* *The editorial will condemn the practice of p-hacking and selective reporting.*
convince *B2*	ikna etmek	*The robust effect size was sufficient to convince even skeptical reviewers.* *The authors attempted to convince readers of causality using a Mendelian randomization approach.*
overwhelm *B2*	bunaltmak alt etmek	*The sheer volume of sequencing data threatened to overwhelm the storage capacity.* *The immune system may be overwhelmed by a high inoculum dose of the pathogen.*
additive *C1*	katkı maddesi toplamsal	*The two drugs had an additive effect rather than synergistic or antagonistic.* *Sodium benzoate is a common food additive with antimicrobial properties.*
manufacture *B2*	üretmek imal etmek	*The facility will manufacture the nanoparticles using a bottom-up chemical assembly method.* *The body cannot manufacture essential fatty acids and must obtain them from diet.*
solder *C1*	lehim lehimlemek	*The technician will solder the electrical connections to ensure stable signal transmission.* *A cold solder joint can introduce intermittent resistance and noise into the circuit.*
excrete *C1*	boşaltmak dışkılamak	*The kidneys excrete metabolic waste products such as urea and creatinine.* *The sweat glands excrete sodium chloride as part of thermoregulation.*
efficient *B2*	verimli	*The new chromatography method is more efficient, reducing run time by 40%.* *Efficient energy transfer in the photosynthetic complex approaches 95% quantum yield.*
meditate *C1*	meditasyon yapmak	*Subjects were instructed to meditate for 20 minutes daily during the eight-week intervention.* *The participant continued to meditate while fMRI data were acquired.*
resilient *C1*	dayanıklı esnek	*The desert shrub is highly resilient to prolonged drought conditions.* *The neural network remained resilient to noise after dropout training was applied.*

Word	Translation	Example Sentence
halt B2	durdurmak	*The safety officer ordered the team to halt the experiment immediately.* *The reaction will halt when the limiting reagent is fully consumed.*
drain B2	boşaltmak kurutmak	*The technician will drain the water bath before cleaning the apparatus.* *Chronic inflammation can drain the patient's energy reserves and reduce quality of life.*
sanitary B2	hijyenik sıhhi	*Sanitary conditions in the laboratory are essential to prevent culture contamination.* *The waste disposal protocol meets sanitary standards set by the environmental agency.*
methane B2	metan	*Methane is a potent greenhouse gas with a global warming potential 28 times that of carbon dioxide.* *Anaerobic decomposition of organic matter produces methane as an end product.*
decompose B2	ayrışmak çürümek	*The organic polymer will decompose into monomeric units under acidic conditions.* *Plant litter decomposes at a rate determined by temperature, moisture, and lignin content.*
uniform B2	tekdüze üniforma	*The nanoparticles exhibited a uniform size distribution with a polydispersity index below 0.1.* *The magnetic field was uniform across the entire sample volume.*
routine B2	rutin	*Calibration of the pH meter is a routine procedure performed before each use.* *The assay has become routine in diagnostic laboratories for rapid pathogen detection.*
dispose B2	bertaraf etmek atmak	*The lab must dispose of hazardous chemical waste in accordance with safety regulations.* *The researcher will dispose of the contaminated cultures after autoclaving.*
prone C1	eğilimli yatkın	*The knockout mouse strain is more prone to develop spontaneous tumors than wild-type.* *Glass cuvettes are prone to scratching, which can scatter incident light.*
ongoing B2	devam eden süren	*There is an ongoing debate regarding the reproducibility of the original findings.* *The longitudinal study is ongoing, with follow-up assessments scheduled annually.*
mummy B2	mumya	*The CT scan of the Egyptian mummy revealed preserved internal organs without sarcophagus removal.* *Researchers extracted ancient DNA from dental pulp of a 3000-year-old mummy.*
accomplish B2	başarmak gerçekleştirmek	*The team aimed to accomplish single-molecule resolution using super-resolution microscopy.* *What the study accomplished was to rule out the most likely confounding variable.*
indispensable C1	vazgeçilmez	*The centrifuge is indispensable for separating cellular components by density.* *Peer review is an indispensable but imperfect mechanism for quality control.*
preoccupy C1	meşgul etmek zihnini kurcalamak	*Methodological concerns continue to preoccupy the research community studying this phenomenon.* *The high false discovery rate should preoccupy any researcher conducting exploratory analyses.*
perspective B2	bakış açısı	*From an evolutionary perspective, the trait likely conferred a survival advantage.* *The review article offers a historical perspective on the development of the theory.*
trait B2	özellik karakteristik	*Heritable traits such as beak depth are subject to natural selection.* *The behavioral trait of risk aversion was measured using a standardized gambling task.*
outlook B2	görünüm bakış	*The long-term outlook for the species remains uncertain due to habitat fragmentation.* *The outlook for personalized medicine depends on advances in genomic sequencing technology.*
overlook B2	gözden kaçırmak göz ardı etmek	*The initial analysis overlooked a critical interaction between the two independent variables.* *Do not overlook the importance of proper documentation for reproducibility.*
deposit B2	biriktirmek tortu	*The mineral deposits formed over millions of years of hydrothermal activity.* *The cells will deposit extracellular matrix proteins onto the culture substrate.*

Word	Translation	Example Sentence
recur *C1*	tekrarlamak nüksetmek	*The same experimental artifact recurred across three independent trials.* *Symptoms tend to recur within six months if the maintenance dose is discontinued.*
protective *B2*	koruyucu	*The protective effect of the vaccine wanes after approximately five years.* *Wearing a protective face shield reduces the risk of splash exposure to biohazards.*
transform *B2*	dönüştürmek	*The enzyme will transform the substrate into a fluorescent product.* *The researcher will transform the raw counts into log-transformed values for normalization.*
contract *B2*	sözleşme kasılmak	*The muscle fibers contract in response to calcium ion release.* *The research contract specified that all data would be shared upon publication.*
inflate *B2*	şişirmek	*The balloon will inflate as gas pressure exceeds atmospheric pressure.* *The authors did not intend to inflate the effect size; the confidence intervals are appropriately wide.*
revive *C1*	canlandırmak diriltmek	*The research team attempted to revive interest in the neglected hypothesis with new experimental evidence.* *Cryopreserved cells can be thawed and revived within 24 hours.*
inflow *C1*	giriş akış	*The inflow of fresh water into the estuary creates a salinity gradient.* *Capital inflow to biotechnology startups increased sharply after the successful phase III trial.*
priority *B2*	öncelik	*Establishing the safety profile of the compound is the highest priority.* *The funding agency gave priority to proposals addressing antimicrobial resistance.*
entangle *C1*	dolaştırmak karıştırmak	*Quantum mechanics predicts that two particles can become entangled such that measuring one instantly affects the other.* *The researcher took care not to entangle causal inference with mere correlation.*
infrastructure *B2*	altyapı	*The university invested in computational infrastructure to support large-scale simulations.* *Upgrading the laboratory infrastructure included installing a redundant power supply.*
revise *B2*	gözden geçirmek düzeltmek	*The authors will revise the manuscript in response to the reviewers' comments.* *The team had to revise the experimental protocol after the pilot study revealed unforeseen issues.*
cornerstone *C1*	temel taşı köşe taşı	*The double-blind randomized controlled trial is a cornerstone of evidence-based medicine.* *Natural selection remains the cornerstone of modern evolutionary biology.*
crucial *B2*	çok önemli kritik	*It is crucial to randomize subject assignment to avoid selection bias.* *The wash step is crucial for removing unbound antibody and reducing background signal.*
prominent *B2*	belirgin tanınmış	*The prominent peak in the chromatogram corresponded to the target analyte.* *She is a prominent figure in the field of computational neuroscience.*
contemporary *B2*	çağdaş güncel	*Contemporary theories of consciousness integrate neural, computational, and philosophical perspectives.* *The findings were consistent with contemporary estimates of sea level rise.*
recast *C1*	yeniden şekillendirmek farklı biçimde sunmak	*The authors recast the original model to incorporate non-linear dynamics.* *The theory was recast as a set of probabilistic rather than deterministic relationships.*
revolution *B2*	devrim	*The CRISPR-Cas9 system sparked a revolution in genetic engineering.* *The digital revolution transformed how scientific data are collected and shared.*
evolve *B2*	evrimleşmek gelişmek	*Bacterial populations evolve resistance to antibiotics through natural selection.* *The research methodology evolved over time from simple observation to complex instrumentation.*
obsolete *C1*	kullanım dışı eskimiş	*The manual counting method became obsolete after the introduction of automated flow cytometry.* *Many statistical software packages render older algorithms obsolete due to improved accuracy.*

Word	Translation	Example Sentence
marine B2	deniz denizel	*Marine microorganisms produce half of the Earth's oxygen through photosynthesis.* *The marine sediment core provided a 10,000-year record of temperature variation.*
rebound C1	geri tepmek toparlanmak	*The population size will rebound after the removal of the predator.* *The stock market showed a sharp rebound following the release of positive trial results.*
concentrate B2	yoğunlaştırmak konsantre olmak	*The technician will concentrate the protein solution using centrifugal filtration.* *The subject was asked to concentrate on a fixation cross during the scanning session.*
auditory B2	işitsel	*The auditory cortex processes sound frequency and temporal information.* *An auditory stimulus of 4000 Hz was presented to the left ear.*
temporary B2	geçici	*The temporary loss of power disrupted the overnight experiment.* *The effect of the drug was temporary, lasting only four hours after administration.*
intact B2	sağlam bozulmamış	*The double helix structure remained intact even after heating to 65°C.* *The ancient DNA was remarkably intact, allowing full genome sequencing.*
contaminate B2	kirletmek bulaştırmak	*The water sample was contaminated with fecal coliforms from agricultural runoff.* *Do not contaminate the sterile pipette tips by touching the lower end.*
borne C1	taşınan maruz kalınan	*Airborne pathogens are borne on respiratory droplets over short distances.* *The cost of the equipment failure was borne by the departmental budget.*
aquatic B2	su suda yaşayan	*Aquatic organisms face challenges of gas exchange and buoyancy control.* *The aquatic ecosystem showed reduced biodiversity after thermal pollution.*
depress B2	bastırmak düşürmek	*The drug may depress respiratory drive at high doses.* *Economic factors can depress funding for basic science research.*
pristine C1	el değmemiş bozulmamış	*The pristine control samples showed no signs of degradation.* *The forest remained in a pristine state before the logging operation began.*
accumulate B2	birikmek	*Heavy metals accumulate in the tissues of filter-feeding organisms.* *Errors may accumulate during multiple freeze-thaw cycles of the sample.*
vigilant C1	tetikte uyanık	*The technician remained vigilant for any signs of equipment malfunction.* *Researchers must be vigilant against confirmation bias when interpreting results.*
adverse B2	olumsuz zararlı	*No adverse events were reported during the phase I trial.* *The chemical had no adverse effect on cell viability up to 100 micromolar.*
hazard B2	tehlike risk	*Chemical hazard symbols must be clearly displayed on all reagent containers.* *The main hazard of working with UV light is damage to the cornea.*
confine B2	sınırlamak hapsetmek	*The researcher will confine the analysis to subjects who completed all follow-up visits.* *Confine the hazardous material to the designated fume hood at all times.*
overboard B2	gemiden dışarı aşırı	*The team threw the damaged equipment overboard during the oceanographic cruise.* *The reviewer's criticism was overboard and not supported by the data.*
humanity B2	insanlık	*The discovery of penicillin saved countless lives and benefited humanity.* *Climate change poses an existential threat to humanity.*
vanish B2	yok olmak gözden kaybolmak	*The signal will vanish completely when the laser is turned off.* *The species may vanish from the wild within two decades without intervention.*
reproduce B2	üremek kopyalamak	*The cells reproduce by binary fission every 30 minutes under optimal conditions.* *The independent laboratory attempted to reproduce the findings but was*
devastate C1	harap etmek yıkmak	*The oil spill devastated the intertidal invertebrate communities.* *A single hurricane can devastate long-term ecological monitoring sites.*
mitigate C1	hafifletmek azaltmak	*The buffer solution helps mitigate pH fluctuations during the reaction.* *Early warning systems can mitigate the impact of natural disasters on human populations.*

Word	Translation	Example Sentence
breakwater C1	dalgakıran	*The breakwater reduces wave energy reaching the harbor entrance.* *Researchers studied the ecological community that colonized the artificial breakwater structure.*
migrate B2	göç etmek	*The whales migrate from feeding grounds in polar regions to breeding grounds in the tropics.* *The cells migrate toward the chemotactic gradient in a directed manner.*
demise C1	son ölüm	*The demise of the local population was attributed to habitat loss and overhunting.* *The retraction marked the demise of the high-profile study's conclusions.*
oyster B2	istiridye	*The oyster filters up to 50 gallons of water per day through its gills. Oyster reefs provide critical three-dimensional habitat for estuarine fish.*
withstand C1	dayanmak	*The structural material must withstand temperatures exceeding 1000°C.* *Some extremophile bacteria can withstand doses of radiation lethal to humans.*
nausea B2	mide bulantısı	*Postoperative nausea is a common side effect of general anesthesia.* *The subject reported mild nausea after administration of the contrast agent.*
vomit B2	kusmak	*The patient continued to vomit despite antiemetic medication.* *The toxicology report indicated that the vomit sample contained undigested pill fragments.*
acknowledge B2	kabul etmek farkında olmak	*The authors acknowledge the limitations of their small sample size.* *The scientific community now acknowledges that the earlier consensus was mistaken.*
carnivore B2	etobur	*The carnivore has specialized dentition including elongated canines for tearing flesh.* *The domestic cat is an obligate carnivore requiring taurine in its diet.*
primate B2	primat	*The primate brain has a disproportionately large neocortex compared to other mammals.* *Field studies of non-human primates provide insights into social behavior evolution.*
apparent B2	belirgin görünen	*The effect became apparent only after 48 hours of exposure.* *No apparent difference in survival was detected between the treatment and control groups.*
nymph C1	nimf (böcek yavrusu)	*The dragonfly nymph is aquatic and breathes through gills before metamorphosis.* *The tick nymph stage is primarily responsible for transmitting Lyme disease to humans.*
interpersonal B2	kişilerarası	*Interpersonal conflicts within the research team can reduce productivity and data quality.* *The study measured interpersonal trust using a validated survey instrument.*
turbulence B2	türbülans	*Turbulence in the fluid flow increases mixing and heat transfer rates.* *The aircraft encountered severe turbulence during the atmospheric sampling mission.*
hostile B2	düşmanca elverişsiz	*The extremophiles thrive in hostile environments such as hydrothermal vents.* *The reviewer was hostile to the manuscript but provided no constructive criticism.*
implement B2	uygulamak gerçekleştirmek	*The laboratory will implement a new quality control system next quarter.* *To implement the algorithm efficiently, use vectorized operations rather than loops.*
inflict C1	vermek acı çektirmek	*The parasite can inflict significant tissue damage on the host organism.* *The experimental manipulation did not inflict pain beyond that of a standard injection.*
systematic B2	sistematik	*A systematic review of the literature identified 47 relevant studies.* *The error was not random but systematic, affecting all measurements equally.*
alike B2	benzer şekilde hem... hem de	*The new method works for novice and expert users alike.* *Both experimental and control groups were treated alike except for the intervention.*
subject B2	konu denek maruz bırakmak	*Each human subject provided written informed consent before enrollment.* *The material was subject to thermal degradation above 200°C.*
insight B2	içgörü derin anlayış	*The imaging technique provided new insight into synaptic vesicle dynamics.* *A key insight from the study is that correlation does not equal causation.*

Word	Translation	Example Sentence
inadvertent *C1*	kasıtsız farkında olmadan	*An inadvertent pipetting error introduced contamination into the control wells.* *The inadvertent deletion of the log file prevented reconstruction of the analysis steps.*
hamper *C1*	engellemek zorlaştırmak	*The lack of standardized protocols hampers cross-laboratory comparisons.* *The accumulation of dust can hamper the performance of optical components.*
verbal *B2*	sözlü	*The assistant provided verbal instructions for the emergency shutdown procedure.* *Verbal fluency declines in certain types of aphasia following left hemisphere stroke.*
appeal *B2*	çekicilik başvurmak	*The hypothesis has intuitive appeal but lacks empirical support.* *The authors will appeal the editorial decision to reject their manuscript.*
concern *B2*	endişe ilgilendirmek	*A major concern is the potential for unmeasured confounding in the observational study.* *The safety issues concern all personnel working with volatile solvents.*
undue *C1*	aşırı haksız	*The funding source exerted undue influence over the study design and reporting.* *The reviewers placed undue weight on a single non-significant p-value.*
censor *C1*	sansürlemek	*The journal refused to censor the authors' criticism of the prevailing theory.* *Government agencies may attempt to censor research findings that conflict with policy.*
glance *B2*	göz atmak bakış	*A quick glance at the chromatogram revealed the presence of a contaminant peak.* *The abstract is sufficient to glance at the main findings without reading the full text.*
forth *B2*	ileri dışarı	*The technician went back and forth between the bench and the computer.* *The proposal set forth a detailed plan for data sharing and reproducibility.*
retail *B2*	perakende	*The reagent is available at retail through major scientific suppliers.* *Retail prices for laboratory consumables increased by 15% this year.*
immense *B2*	devasa çok büyük	*The project required an immense computational effort involving 10,000 CPU core-hours.* *The therapeutic potential of the molecule is immense, but safety concerns remain.*
fraud *C1*	sahtekarlık dolandırıcılık	*The investigation confirmed data fraud including fabricated Western blot images.* *Fraud in scientific publishing erodes public trust and wastes research resources.*
cosmic *B2*	kozmik	*The cosmic microwave background radiation is a relic of the early universe.* *Cosmic rays can cause single-event upsets in electronic instrumentation.*
synchronous *C1*	eşzamanlı senkron	*The firing of the neurons was synchronous within a 5 millisecond window.* *The satellite rotates at a synchronous rate, keeping the same face toward Earth.*
lunar *B2*	ay aya ait	*The lunar cycle influences the timing of spawning in some marine invertebrates.* *Lunar gravity is approximately one-sixth of Earth's gravity.*
connect *B2*	bağlamak	*The researcher will connect the electrodes to the amplifier for signal recording.* *The two phenomena may be connected by an as-yet-unknown mechanism.*
virtual *B2*	sanal	*The virtual reality environment simulated a natural habitat for behavioral testing.* *A virtual model of the protein allowed in silico docking studies.*
explore *B2*	keşfetmek araştırmak	*The study aims to explore the relationship between sleep duration and metabolic health.* *The rover will explore the Martian surface for signs of past water activity.*
applaud *B2*	alkışlamak takdir etmek	*The scientific community widely applauded the decision to mandate open access for publicly funded research.* *We applaud the authors for publishing their null results.*
pleasure *B2*	zevk memnuniyet	*It is a pleasure to collaborate with a team that prioritizes rigorous methodology.* *The sensation of pleasure is mediated by the mesolimbic dopamine pathway.*
secrete *C1*	salgılamak	*The pancreatic acinar cells secrete digestive enzymes into the duodenum.* *The endocrine glands secrete hormones directly into the bloodstream.*
bilingual *B2*	iki dilli	*Bilingual individuals often show enhanced executive function compared to monolinguals.* *The study recruited bilingual participants fluent in both English and Spanish.*

Word	Translation	Example Sentence
intrinsic *C1*	içsel öz	*The intrinsic fluorescence of the protein arises from tryptophan residues.* *The compound has no intrinsic antibacterial activity but becomes active after metabolism.*
separate *B2*	ayırmak ayrı	*The centrifuge will separate plasma from whole blood by density.* *The two analytes elute as separate peaks under the optimized gradient.*
gravity *B2*	yerçekimi	*The acceleration due to gravity varies slightly with latitude and altitude.* *The gravity of the ethical violation warranted retraction of the paper.*
relative *B2*	göreceli akraba	*The relative expression of the gene was normalized to a housekeeping control.* *The patient's relative provided consent because the patient was incapacitated.*
fabric *B2*	kumaş yapı	*The extracellular matrix fabric provides structural support to tissues.* *The fabric of scientific knowledge is woven from replicated findings.*
propagate *C1*	yaymak çoğaltmak	*The action potential will propagate along the axon without decrement.* *The virus can propagate through direct cell-to-cell contact.*
fraction *B2*	kesir bölüm	*Only a small fraction of screened compounds proceed to clinical trials.* *The membrane-bound fraction was separated from the cytosol by ultracentrifugation.*
innate *C1*	doğuştan içgüdüsel	*The innate immune system provides an immediate but non-specific response to pathogens.* *The chick's ability to peck shortly after hatching is innate rather than learned.*
assert *C1*	iddia etmek belirtmek	*The authors assert that their method is superior to previous approaches.* *The reviewer asserted that the conclusion does not follow from the presented data.*
incline *C1*	eğim eğilimli olmak	*The incline of the microscope stage was adjusted to 15 degrees for optimal imaging.* *The data incline the researcher to reject the null hypothesis.*
estimate *B2*	tahmin etmek tahmin	*The researchers will estimate the population mean using a 95% confidence interval.* *A point estimate alone does not convey the uncertainty inherent in the measurement.*
reversible *C1*	tersinir geri döndürülebilir	*The chemical reaction is fully reversible under controlled temperature and pressure.* *Damage to the peripheral nerves may be reversible if the toxic exposure is removed early.*
superfluous *C1*	gereksiz fazlalık	*The inclusion of a third control group was deemed superfluous and increased experimental costs.* *Many of the variables in the initial model were superfluous and were removed by stepwise selection.*
circular *B2*	dairesel	*The specimens were placed on circular coverslips of 12 mm diameter.* *The argument was circular because it used the conclusion to justify one of the premises.*
soluble *B2*	çözünür	*The compound is highly soluble in dimethyl sulfoxide but poorly soluble in water.* *Soluble proteins are released into the supernatant after cell lysis and centrifugation.*
suppress *B2*	bastırmak baskılamak	*The drug will suppress the immune response to prevent transplant rejection.* *The transcription factor acts to suppress the expression of pro-inflammatory cytokines.*
bureaucracy *C1*	bürokrasi	*Excessive bureaucracy delayed the approval of the research protocol by several months.* *The funding agency reduced bureaucracy by streamlining the grant application process.*
eclipse *C1*	gölgede bırakmak tutulma	*The new discovery eclipsed the previous paradigm in the field.* *A solar eclipse provided a rare opportunity to study the solar corona.*
generate *B2*	üretmek oluşturmak	*The photovoltaic cell will generate an electric current when exposed to light.* *The simulation can generate synthetic data with known ground truth parameters.*
transformer *B2*	transformatör	*The transformer steps down the voltage from 220V to 12V for the laboratory instrument.* *A transformer consists of two inductively coupled coils wound around a common core.*

Word	Translation	Example Sentence
miniature *B2*	minyatür küçük	*The team developed a miniature sensor no larger than a grain of rice.* *A miniature version of the device was used for in vivo implantation studies.*
medieval *B2*	ortaçağ	*Medieval scholars preserved ancient Greek and Roman texts through handwritten manuscripts.* *The medieval warming period was associated with expanded agriculture in Northern Europe.*
onward *B2*	...dan itibaren ileriye	*From the 20th century onward, the pace of technological innovation accelerated dramatically.* *The data from week 10 onward showed a consistent decline in the measured parameter.*
correspond *B2*	karşılık gelmek uyuşmak	*The observed value does not correspond to any predicted outcome of the model.* *Each peak in the chromatogram corresponds to a distinct chemical species.*
regulate *B2*	düzenlemek kontrol etmek	*The thermostat regulates the incubator temperature within ±0.5°C.* *The hormone insulin regulates blood glucose concentration by promoting cellular uptake.*
antioxidant *B2*	antioksidan	*Vitamin C acts as an antioxidant by scavenging free radicals in aqueous cellular compartments.* *The study measured the antioxidant capacity of various berry extracts using the FRAP assay.*
behalf *B2*	adına namına	*The principal investigator signed the consent form on behalf of the research team.* *The assistant submitted the manuscript on behalf of the corresponding author.*
accelerate *B2*	hızlandırmak	*The catalyst will accelerate the reaction rate without being consumed in the process.* *Climate change may accelerate the loss of biodiversity in sensitive ecosystems.*
proximity *C1*	yakınlık	*The proximity of the two genes on the chromosome suggests they may be co-regulated.* *Cells in close proximity communicate via paracrine signaling molecules.*
reflect *B2*	yansıtmak göstermek	*The mirror will reflect the laser beam at an angle equal to the incident angle.* *The results reflect a genuine biological phenomenon rather than experimental*
afterworld *C1*	öteki dünya ahiret	*Many ancient cultures developed elaborate beliefs about the afterworld based on funerary texts.* *The concept of the afterworld influenced burial practices and tomb construction.*
pound *B2*	pound (birim) vurmak	*The sample weighed exactly 2.2 pounds, equivalent to 1 kilogram.* *The researcher will pound the solid material into a fine powder using a mortar and pestle.*
pulse *B2*	nabız darbe	*The patient's resting pulse was recorded at 72 beats per minute.* *A short electrical pulse of 10 milliseconds was applied to stimulate the nerve.*
primitive *B2*	ilkel	*The primitive nervous system of cnidarians consists of a diffuse nerve net.* *Early hominids used primitive stone tools for butchering and plant processing.*
deficient *C1*	eksik yetersiz	*The mutant strain is deficient in the enzyme required for leucine biosynthesis.* *A diet deficient in vitamin D leads to impaired calcium absorption and bone demineralization.*
vital *B2*	hayati yaşamsal	*Adequate blood flow is vital for delivering oxygen to metabolically active tissues.* *The paramedics supported vital functions until the patient arrived at the emergency department.*
commute *B2*	işe gidip gelmek hafifletmek	*The researcher commutes 45 minutes each way to the university laboratory.* *The judge agreed to commute the prison sentence to community service.*
perilous *C1*	tehlikeli	*The expedition through the Arctic sea ice was perilous due to shifting floes and extreme cold.* *Conducting fieldwork in a conflict zone is perilous and requires additional safety protocols.*
tempt *B2*	cezbetmek ayartmak	*The ease of p-hacking may tempt researchers to engage in questionable research practices.* *The preliminary positive result tempted the team to stop the trial early.*

Word	Translation	Example Sentence
shipwreck *B2*	gemi enkazı	*The shipwreck yielded amphorae and other artifacts dated to the 3rd century BCE.* *Marine organisms rapidly colonize shipwreck structures, creating artificial reefs.*
habitat *B2*	yaşam alanı habitat	*Loss of habitat due to deforestation is the primary threat to the species.* *The habitat preference of the frog includes slow-moving streams with dense riparian vegetation.*
shallow *B2*	sığ	*The shallow depth of the water allowed benthic algae to receive sufficient sunlight.* *A shallow temperature gradient was maintained across the thermal cycler block.*
leap *B2*	sıçramak atlamak	*The frog can leap a distance of 50 times its body length.* *A significant leap in understanding occurred with the introduction of the new imaging technique.*
pervasive *C1*	yaygın her yerde hazır	*The bias toward publishing positive results is pervasive across scientific disciplines.* *Microplastics are now pervasive in marine environments, from surface waters to deep-sea sediments.*
magnificent *B2*	muhteşem	*The magnificent resolution of the electron microscope revealed subcellular details previously unseen.* *The team produced a magnificent data set with exceptional completeness and low noise.*
eternal *C1*	sonsuz ebedi	*The laws of thermodynamics suggest that no physical system can have eternal existence without energy input.* *The concept of eternal life is a theme in mythology rather than a scientific hypothesis.*
platypus *C1*	ornitorenk	*The platypus is a monotreme that lays eggs but also produces milk for its young.* *The platypus genome contains a remarkable mixture of reptilian, avian, and mammalian features.*
former *B2*	önceki eski	*The former hypothesis was abandoned after contradictory evidence emerged.* *The former version of the protocol did not include a washing step.*
conserve *B2*	korumak muhafaza etmek	*The buffer is designed to conserve the native structure of the protein during purification.* *To conserve energy, the equipment automatically enters standby mode after 30 minutes of inactivity.*
comeback *C1*	geri dönüş yeniden popüler olma	*The discredited theory made an unexpected comeback after new supporting data were published.* *The species has staged a remarkable comeback following the ban on the pesticide.*
irrigate *B2*	sulamak	*The solution was used to irrigate the surgical site and remove debris.* *Farmers irrigate crops with water drawn from the aquifer, leading to gradual depletion.*
downstream *B2*	akış aşağı sonraki aşama	*Downstream processing of the bioreactor effluent includes filtration and chromatography.* *The mutation affects events downstream of receptor activation, including second messenger signaling.*
significant *B2*	anlamlı önemli	*The difference between groups was statistically significant with a p-value less than 0.01.* *The study made a significant contribution to understanding the disease mechanism.*
decorative *B2*	dekoratif süsleyici	*The decorative elements of the instrument housing have no effect on its analytical performance.* *The decorative coating was applied primarily for aesthetic reasons rather than protection.*
tribal *B2*	kabilesel	*The tribal governance structure influenced resource allocation and conflict resolution.* *Anthropologists documented the tribal language, which is now considered*
baggy *B2*	bol (giysi)	*The baggy fitting of the protective suit allowed free movement but posed a snag hazard.* *Baggy clothing should be avoided when working with rotating equipment to prevent entanglement.*
amphibian *B2*	amfibi kurbağa	*The amphibian undergoes metamorphosis from an aquatic larva to a terrestrial adult.* *Declining amphibian populations worldwide have been linked to the chytrid fungus.*

Word	Translation	Example Sentence
curious B2	meraklı ilginç	*The researcher had a curious mind and always questioned established assumptions.* *A curious finding was that the effect disappeared when the experiment was repeated at a different site.*
remote B2	uzak ırak	*The field station is located in a remote area with no internet access.* *The remote possibility of contamination cannot be completely ruled out.*
intoxicate C1	sarhoş etmek	*Ethanol can intoxicate experimental animals, impairing motor coordination and judgment.* *The venom of the pufferfish contains tetrodotoxin, which does not intoxicate but rather paralyzes.*
scent B2	koku	*The dog was able to detect the scent of the target compound at parts-per-trillion concentration.* *The flowers emit a strong scent to attract nocturnal pollinators.*
bloom B2	çiçek açmak patlama yapmak	*The algae bloom rapidly in response to excess nutrient input.* *The culture reached a bloom of cell density corresponding to 10^7 cells per milliliter.*
luxuriant C1	gür bol	*The luxuriant growth of the plant was attributed to high nitrogen levels in the soil.* *The rainforest floor supports luxuriant fungal diversity despite low light levels.*
surround B2	çevrelemek	*The nucleus is surrounded by a double lipid bilayer called the nuclear envelope.* *The surrounding matrix provides mechanical support to the embedded cells.*
nestle C1	yerleşmek gömülmek	*The mitochondria nestle between the myofibrils in cardiac muscle cells.* *The small town nestles in a valley protected from prevailing winds.*
stunning C1	hayran bırakan çarpıcı	*The microscope produced stunning images of the neuronal dendritic arbor.* *The stunning implication of the result is that the current model is incomplete.*
fascinate B2	büyülemek hayran bırakmak	*The complexity of the circadian clock continues to fascinate chronobiologists.* *The audience was fascinated by the demonstration of quantum levitation.*
amalgam C1	amalgam karışım	*The alloy is an amalgam of silver, tin, and copper used in dental restorations.* *The theory is an amalgam of ideas from physics, chemistry, and biology.*
restore B2	eski haline getirmek onarmak	*The buffer will restore the pH to 7.4 after the addition of acid.* *The surgical procedure aims to restore blood flow to the occluded coronary artery.*
impede C1	engellemek geciktirmek	*The viscous gel will impede the diffusion of oxygen to the underlying cells.* *Ethical restrictions should not impede but rather guide responsible research.*
establish B2	kurmak tespit etmek	*The study aimed to establish a causal relationship between the exposure and the outcome.* *The researcher established a new protocol for cryopreserving primary neurons.*
apprentice B2	çırak	*The apprentice technician learned to operate the mass spectrometer under supervision.* *An apprentice in the laboratory is expected to maintain a detailed lab notebook.*
transition B2	geçiş	*The transition from liquid to gas occurs at the boiling point under constant pressure.* *The patient experienced a smooth transition from inpatient to outpatient care.*
form B2	biçim oluşturmak	*The protein adopts a helical form in the membrane-bound state.* *The researcher will form the pellets by centrifugation at 3000g for 10 minutes.*
dental B2	diş dişçilik	*Dental caries result from acid production by bacteria fermenting dietary sugars.* *The dental enamel is the hardest substance in the human body.*
principal B2	ana temel müdür	*The principal advantage of the method is its high throughput.* *The principal investigator has ultimate responsibility for the conduct of the research.*
harass B2	taciz etmek rahatsız etmek	*The field researcher was careful not to harass the nesting birds during observation.* *Institutional policies prohibit any form of harassment in the workplace.*
recreation B2	rekreasyon dinlenme	*The park provides recreation opportunities including hiking and birdwatching.* *The survey measured time spent on recreation and leisure activities.*

Word	Translation	Example Sentence
vegetation *B2*	bitki örtüsü	*The dense vegetation along the riverbank provided shade and habitat for invertebrates.* *Changes in vegetation cover were monitored using satellite-derived NDVI.*
impact *B2*	etki çarpma	*The impact of the intervention was measured using a pre-post design.* *The meteorite impact created a crater 20 kilometers in diameter.*
sheer *C1*	salt saf dik	*The sheer volume of data required automated processing pipelines.* *The sheer cliff face prevented access to the fossil-bearing layer.*
landscape *B2*	manzara peyzaj	*The genetic landscape of the tumor was mapped using whole-exome sequencing.* *The landscape of scientific publishing has changed dramatically with the rise of preprint servers.*
paradigm *C1*	paradigma örnek model	*The discovery of DNA structure shifted the paradigm in molecular biology.* *A new paradigm for drug discovery involves targeting protein-protein interactions.*
flora *B2*	flora (bitki örtüsü)	*The intestinal flora comprises trillions of commensal bacteria.* *The flora of the region includes over 2000 vascular plant species.*
irresponsible *B2*	sorumsuz	*It is irresponsible to publish findings without disclosing potential conflicts of interest.* *The decision to omit the negative controls was scientifically irresponsible.*
exaggerate *B2*	abartmak	*The authors did not exaggerate the effect size; the confidence intervals are narrow and clinically meaningful.* *Media reports tend to exaggerate the significance of preliminary findings.*
latter *B2*	ikincisi sonraki	*The latter part of the experiment involved behavioral testing following the intervention.* *Between the two methods, the latter is more reproducible but less sensitive.*
arithmetic *B2*	aritmetik	*Basic arithmetic operations include addition, subtraction, multiplication, and division.* *The arithmetic mean is sensitive to outliers, unlike the median.*
prodigy *C1*	dahi	*The young researcher was considered a prodigy, having published three first-author papers before age 20.* *Musical prodigy is associated with both intensive early training and genetic predispositions.*
atmosphere *B2*	atmosfer ortam	*The Earth's atmosphere is composed of 78% nitrogen and 21% oxygen.* *The atmosphere in the laboratory was one of intense collaboration and mutual respect.*
vision *B2*	görme vizyon	*The vision of the project is to develop a cure for the disease.* *Peripheral vision is more sensitive to motion than central vision.*
internal *B2*	iç dahili	*The internal organs were examined using magnetic resonance imaging.* *The internal consistency of the questionnaire was assessed using Cronbach's alpha.*
combustion *B2*	yanma	*Complete combustion of methane yields carbon dioxide and water.* *The engine operates by combustion of a fuel-air mixture within the cylinder.*
invent *B2*	icat etmek	*The team aimed to invent a novel biosensor for real-time metabolite monitoring.* *The microscope was invented in the late 16th century, enabling the discovery of microorganisms.*
thereby *B2*	böylece bu yolla	*The enzyme cleaves the substrate, thereby releasing a fluorescent product.* *The subjects were randomized, thereby minimizing selection bias.*
infinitesimal *C2*	sonsuz küçük	*The change in mass was infinitesimal and could not be detected by the balance.* *Calculus deals with infinitesimal changes using the concept of limits.*
exemplify *C1*	örneklendirmek	*The study exemplifys best practices in preregistration and data sharing.* *The response of the species to climate change exemplifys the concept of phenotypic plasticity.*
reinforce *B2*	pekiştirmek güçlendirmek	*The results reinforce the conclusion that the drug is efficacious.* *Carbon fibers are added to reinforce the mechanical properties of the polymer composite.*

Word	Translation	Example Sentence
spinal *B2*	omurilik	*The spinal cord transmits signals between the brain and the peripheral nervous system.* *A spinal reflex can occur without input from higher brain centers.*
consult *B2*	danışmak	*The researcher will consult the safety data sheet before handling the chemical.* *The team consulted with a statistician to design the sampling plan.*
headstand *B1*	baş üstü duruş	*The participant was asked to perform a headstand as part of the balance assessment.* *Yoga practice includes postures such as headstand and shoulder stand.*
lotus *B1*	nilüfer	*The lotus flower has hydrophobic leaves that repel water and self-clean.* *The lotus root is a common ingredient in Asian cuisine and contains dietary fiber.*
enormous *B2*	devasa muazzam	*The dataset required an enormous amount of storage, exceeding 10 terabytes.* *The team made an enormous effort to recruit a representative sample.*
measure *B2*	ölçmek önlem	*The instrument will measure the absorbance at 450 nanometers.* *The measure of central tendency most appropriate for skewed data is the median.*
descriptive *B2*	betimleyici tanımlayıcı	*The study used a descriptive design without an experimental manipulation.* *Descriptive statistics summarize the main features of the dataset.*
texture *B2*	doku yapı	*The texture of the soil influences water retention and root penetration.* *The texture of the material was analyzed using scanning electron microscopy.*
align *B2*	hizalamak	*The researcher will align the sequences using a multiple sequence alignment algorithm.* *The aligned fibers provided maximum tensile strength in the longitudinal direction.*
guide *B2*	rehberlik etmek kılavuz	*The protocol will guide the technician through the calibration procedure.* *The guide for authors specifies the manuscript formatting requirements.*
abbreviate *B2*	kısaltmak	*The journal requires authors to abbreviate the names of journals in the reference list.* *The procedure is often abbreviated to reduce time, but this may sacrifice accuracy.*
government *B2*	hükümet	*The government funding agency awarded a grant for the vaccine development project.* *Government regulations require ethical approval for all studies involving human subjects.*
voluntary *B2*	gönüllü	*Participation in the survey was entirely voluntary and uncompensated.* *The recall of the defective product was voluntary rather than mandated by regulators.*
aromatic *B2*	aromatik	*Benzene is the simplest aromatic hydrocarbon, with a planar ring structure.* *The aromatic amino acids tryptophan and tyrosine absorb ultraviolet light.*
errand *B2*	ayak işi getir götür	*The technician ran an errand to pick up liquid nitrogen from the supply store.* *The intern was asked to run laboratory errands including restocking pipette tips.*
hectic *B2*	çok yoğun telaşlı	*The final week before the grant deadline was hectic with last-minute data analysis.* *The laboratory environment became hectic when the freezer alarm sounded unexpectedly.*
impose *B2*	dayatmak zorla kabul ettirmek	*The funding agency may impose data sharing requirements on all grantees.* *Do not impose your interpretation on the data; let the results speak for themselves.*
spectacle *C1*	gösteri manzara	*The aurora borealis is a natural spectacle caused by charged particles interacting with the magnetosphere.* *The reviewer made a spectacle of the manuscript's minor errors rather than engaging substantively.*
solstice *C1*	gündönümü	*The summer solstice has the longest daylight duration of the year in the Northern Hemisphere.* *Ancient monuments such as Stonehenge are aligned with the solstice sunrise.*
festive *B2*	şenlikli bayram havasında	*The laboratory had a festive atmosphere after the successful completion of the clinical trial.* *The festive decorations did not distract from the serious scientific discussions.*
duration *B2*	süre	*The duration of each stimulus presentation was 500 milliseconds.* *The total duration of the experiment, including setup and cleanup, was approximately four hours.*

Word	Translation	Example Sentence
usher C1	yol göstermek başlatmak	*The discovery of restriction enzymes ushered in the era of genetic engineering.* *The technician will usher the visitors through the cleanroom facility.*
insectivorous C1	böcekçil	*The insectivorous bat consumes up to 1000 mosquitoes per hour of foraging.* *Many insectivorous birds time their breeding season to coincide with peak caterpillar abundance.*
constitute B2	oluşturmak teşkil etmek	*The control and treatment groups constitute the entire study population.* *The findings constitute strong evidence against the null hypothesis.*
prestigious C1	prestijli saygın	*The paper was accepted for publication in a prestigious journal with a high impact factor.* *The prestigious award recognized her contributions to the field of neuroscience.*
probable B2	olası muhtemel	*It is probable that the observed effect is due to chance given the small sample size.* *The most probable explanation for the discrepancy is a calibration error.*
priceless C1	paha biçilmez	*The ancient manuscript is priceless and housed in a climate-controlled vault.* *The longitudinal dataset is priceless for studying developmental trajectories.*
endure C1	dayanmak katlanmak	*The organism can endure extreme desiccation by entering an anhydrobiotic state.* *The findings have endured replication attempts and remain robust after ten years.*
pastime B2	hobi uğraş	*Data analysis became a relaxing pastime for the retired professor.* *Birdwatching is a popular pastime among naturalists and contributes to citizen science.*
soothe C2	yatıştırmak rahatlatmak	*The topical cream is designed to soothe skin irritation caused by the adhesive.* *The researcher used a gentle voice to soothe the anxious animal subjects.*
advance B2	ilerlemek ilerletmek	*The study will advance our understanding of the disease mechanism.* *The fire advanced rapidly through the dry underbrush.*
prejudice B2	ön yargı	*The researcher acknowledged her own prejudice in favor of the experimental hypothesis.* *Publication prejudice against null results skews the scientific literature.*
monsoon B2	muson	*The monsoon season brings heavy rainfall that replenishes groundwater reserves.* *The timing of the monsoon is critical for rain-fed agriculture in the region.*
artillery C1	topçu	*The historical analysis examined the role of artillery in shaping battlefield tactics.* *The acoustic signature of artillery fire was recorded and analyzed for source localization.*
ideology C1	ideoloji	*The researcher's personal ideology did not influence the objective analysis of the data.* *The funding agency's political ideology may affect which research areas receive priority.*
provincial C1	taşralı dar görüşlü	*The provincial regulations varied significantly from the national guidelines.* *A provincial attitude toward interdisciplinary work can hinder scientific progress.*
interact B2	etkileşmek	*The two drugs interact at the level of cytochrome P450 metabolism.* *The protein interacts with DNA through a helix-turn-helix motif.*
publish B2	yayımlamak	*The team plans to publish their findings in a peer-reviewed journal.* *To publish null results is as important as publishing positive findings.*
framework B2	çerçeve	*The theoretical framework integrates concepts from ecology and evolutionary biology.* *The regulatory framework requires safety testing before clinical trials.*
retrospect C1	geriye bakış	*In retrospect, the control group should have been larger to detect the small effect.* *The flaws in the study design became obvious only in retrospect.*
outcome B2	sonuç	*The primary outcome of the trial was all-cause mortality at five years.* *The outcome of the analysis depends heavily on the choice of statistical model.*
penetrate B2	nüfuz etmek delmek	*The X-rays can penetrate soft tissue but are absorbed by bone.* *The needle will penetrate the skin and enter the subcutaneous layer.*
progress B2	ilerleme	*The student made steady progress in learning to operate the flow cytometer.* *The reaction progresses from left to right as the product concentration increases.*

Word	Translation	Example Sentence
revulsion C1	iğrenme nefret	*The scientific community expressed revulsion at the fabricated data in the retracted paper.* *The subject reported a feeling of revulsion when shown the disturbing images.*
mammal B2	memeli	*The mammalian inner ear contains three ossicles that transmit sound vibrations.* *As a mammal, the dolphin breathes air and gives birth to live young.*
contiguous C1	bitişik	*The two genes are located on contiguous segments of chromosome 7.* *The contiguous forest cover allowed the species to disperse without crossing open areas.*
pigment B2	pigment	*Chlorophyll is the green pigment responsible for capturing light energy.* *The pigment melanin protects the skin from ultraviolet radiation.*
possess B2	sahip olmak	*The specimen possesses a unique set of morphological characteristics.* *The vector does not possess an antibiotic resistance marker, requiring alternative selection.*
frontal B2	ön alın	*The frontal lobe of the brain is involved in executive functions and planning.* *The frontal cortex matures later than other cortical regions during development.*
lobe B2	lob	*The temporal lobe contains the primary auditory cortex and the hippocampus.* *Each lung is divided into several lobes separated by fissures.*
disproportionate C1	orantısız	*The study found a disproportionate burden of disease among low-income populations.* *The review was disproportionately critical of minor methodological issues.*
disparity C1	eşitsizlik fark	*Significant disparity in funding exists between biomedical and social science research.* *The disparity between the two measurements indicates systematic error.*
curriculum B2	müfredat	*The curriculum for the graduate program includes courses in statistics and research ethics.* *The curriculum was revised to include training on reproducible research practices.*
commit B2	adamak işlemek	*The researcher will commit significant time to mentoring junior scientists.* *The subject did not commit any violation of the experimental protocol.*
sentiment C1	duygu kanaat	*The prevailing sentiment among researchers is that the policy is overly restrictive.* *Public sentiment can influence funding priorities for scientific research.*
conclusive B2	kesin sonuçlandırıcı	*The evidence was not conclusive, warranting further investigation.* *A conclusive demonstration of causality requires a randomized controlled trial.*
overt C1	açık belli	*The overt signs of toxicity included lethargy and reduced feeding.* *No overt differences were observed between the treatment and control groups.*
feasible B2	uygulanabilir mümkün	*It is feasible to sequence the entire genome within 48 hours using current technology.* *The proposed timeline is not feasible given the available personnel.*
habit B2	alışkanlık	*The habit of daily pipette calibration reduces measurement error over time.* *The animal's feeding habits were recorded using automated video tracking.*
feral C1	yabani vahşileşmiş (evcil hayvanın doğaya dönmesi)	*The feral cat population poses a threat to native bird species through direct predation.* *The feral swine cause extensive damage to agricultural crops and soil structure.*
intestine B2	bağırsak	*The small intestine is the primary site of nutrient absorption following digestion.* *The large intestine houses a dense microbial community essential for fermentation of dietary fiber.*
sodium B2	sodyum	*Sodium ions flow through voltage-gated channels during the depolarization phase of an action potential.* *High dietary sodium intake is associated with increased risk of hypertension.*
heterogeneous C1	heterojen farklı bileşenlerden oluşan	*The tumor sample was heterogeneous, containing both benign and malignant cell populations.* *A heterogeneous treatment effect was observed, with some patients responding dramatically and others not at all.*
rim B2	kenar ağız	*The crater rim consists of ejected material from the impact event.* *The rim of the culture dish was sealed with Parafilm to prevent evaporation.*

Word	Translation	Example Sentence
imperial *B2*	imparatorluk	*The imperial system of measurement uses units such as inches and pounds.* *The imperial expansion facilitated the global exchange of biological species.*
vibrant *B2*	canlı enerjik	*The vibrant colors of the coral reef indicate a healthy symbiotic relationship with zooxanthellae.* *The research community is vibrant, with frequent interdisciplinary exchanges.*
remain *B2*	kalmak sürdürmek	*The mechanism underlying the observed effect remains unclear despite extensive investigation.* *Subjects remain in the supine position for 30 minutes following blood collection.*
irrefutable *C1*	yadsınamaz çürütülemez	*The DNA evidence provided irrefutable proof of the species' identity.* *The pattern of results offers irrefutable support for the alternative hypothesis.*
acquaint *C1*	tanışmak bilgi vermek	*The orientation session will acquaint new researchers with laboratory safety protocols.* *The reader should acquaint themselves with the basic terminology before proceeding.*
fieldwork *B2*	saha çalışması	*The fieldwork involved collecting soil samples from 50 distinct locations.* *Conducting fieldwork in remote regions requires extensive logistical planning.*
partial *B2*	kısmi taraflı	*A partial correlation was calculated to control for the effect of age.* *The reviewer's critique was partial and failed to acknowledge the study's strengths.*
unearth *C1*	toprağı kazarak çıkarmak ortaya çıkarmak	*The paleontologists unearthed a nearly complete dinosaur skeleton.* *The investigation unearthed previously undisclosed conflicts of interest among the authors.*
definitive *C1*	kesin	*A definitive diagnosis requires histological confirmation from a biopsy.* *The study provides definitive evidence that the intervention is effective.*
suppose *B2*	varsaymak	*Suppose the null hypothesis is true; then the observed difference is unlikely to occur by chance.* *The model supposes that all individuals have equal probability of exposure.*
generation *B2*	nesil üretim	*The second generation of the device had improved sensitivity and lower noise.* *The generation of reactive oxygen species was measured using a fluorescent probe.*
anchor *B2*	çapa sabitlemek	*The primer will anchor at the 3' end of the template strand.* *The membrane protein is anchored to the lipid bilayer via a transmembrane domain.*
gland *B2*	bez salgı bezi	*The thyroid gland produces hormones that regulate metabolic rate.* *Sweat glands are distributed across the skin and participate in thermoregulation.*
facilitate *B2*	kolaylaştırmak	*The buffer facilitates the binding of the antibody to its target antigen.* *The new software will facilitate data sharing among collaborating laboratories.*
whereby *C1*	...sayesinde ...yoluyla	*The proposed mechanism whereby the drug acts involves inhibition of a specific kinase.* *We describe a method whereby single cells can be isolated from heterogeneous mixtures.*
underproduce *C1*	yetersiz üretmek	*The mutant strain underproduces the enzyme, resulting in accumulation of the substrate.* *Some patients underproduce cortisol due to adrenal insufficiency.*
dropout *B2*	bırakma ayrılma	*The dropout rate was 15% over the 12-month follow-up period.* *Missing data due to participant dropout were handled using multiple imputation.*
proportion *B2*	oran	*A large proportion of the variance (62%) was explained by the two predictor variables.* *The proportion of patients who experienced adverse events did not differ between groups.*
persist *B2*	devam etmek ısrar etmek	*Symptoms may persist for several weeks even after treatment initiation.* *The contamination persisted despite repeated cleaning with ethanol.*
unchanging *C1*	değişmeyen sabit	*The control condition remained unchanging throughout the experiment.* *The unchanging baseline allowed detection of even small treatment effects.*
stumble *B2*	tökezlemek rastlamak	*The participant may stumble during the walking task under dual-task conditions.* *The researcher stumbled upon an unexpected finding while analyzing the control data.*

Word	Translation	Example Sentence
cache *C1*	önbellek gizli depo	*The processor's cache stores frequently accessed data for rapid retrieval.* *The animal maintains a food cache to survive the winter months.*
utter *B2*	tam tamamen söylemek	*The experiment was an utter failure due to a power outage.* *The subject did not utter a single response during the baseline phase.*
decisive *B2*	belirleyici kesin	*The third experiment provided decisive evidence favoring one of the competing hypotheses.* *A decisive factor in the study's success was the large sample size.*
underestimate *B2*	küçümsemek eksik tahmin etmek	*The model may underestimate the true risk if important confounders are omitted.* *Novice researchers often underestimate the time required for data analysis.*
conscious *B2*	bilinçli	*The patient remained fully conscious throughout the procedure.* *Conscious awareness of the stimulus is not required for implicit memory formation.*
insomnia *B2*	uykusuzluk	*Chronic insomnia is associated with impaired cognitive function and mood disturbances.* *The treatment significantly reduced insomnia severity compared to placebo.*
hypnosis *C1*	hipnoz	*The study examined whether hypnosis can reduce perceived pain intensity during medical procedures.* *Under hypnosis, the subject exhibited heightened suggestibility but no loss of awareness.*
magnitude *B2*	büyüklük önem	*The magnitude of the effect was small but statistically significant.* *An earthquake of magnitude 7.2 struck the region, damaging the research station.*
assign *B2*	atamak	*The computer will randomly assign each subject to either the treatment or control group.* *The participants were assigned a unique identification code to protect anonymity.*
select *B2*	seçmek	*The algorithm will select the most informative features for the classification task.* *The investigator will select a subset of samples for confirmatory testing.*
tissue *B2*	doku	*Adipose tissue stores energy in the form of triglycerides.* *The biopsy revealed abnormal cells within the connective tissue.*
distress *B2*	sıkıntı rahatsızlık	*The animal showed signs of respiratory distress following exposure to the aerosol.* *The patient reported emotional distress related to the diagnosis.*
fatigue *B2*	yorgunluk	*Muscle fatigue was assessed using a repeated maximal contraction protocol.* *The subjects rated their fatigue level on a 10-point visual analog scale.*
timber *B2*	kereste	*The timber industry relies on sustainable harvesting practices to prevent deforestation.* *The timber frames of the historical building were analyzed for dendrochronological dating.*
frequent *B2*	sık sık sık	*The researcher frequently calibrates the instrument to maintain accuracy.* *Headache was the most frequent adverse event reported by participants.*
asset *B2*	varlık değerli şey	*The confocal microscope is a major asset to the imaging facility.* *The collaborator's expertise in bioinformatics was an invaluable asset.*
annual *B2*	yıllık	*The annual precipitation in the region has declined by 15% over three decades.* *The annual meeting of the society attracts over 5000 attendees.*
forest *B2*	orman	*The forest canopy supports a diverse community of epiphytic plants.* *Deforestation of the Amazon forest reduces regional rainfall through decreased evapotranspiration.*
wildfire *B2*	orman yangını	*The wildfire burned over 10,000 hectares of mixed conifer forest.* *Climate change increases the frequency and intensity of wildfire events.*
compatible *B2*	uyumlu	*The antibody is compatible with both flow cytometry and western blotting applications.* *The software is compatible with multiple operating systems.*

Word	Translation	Example Sentence
boast *B2*	övünmek sahip olmak	*The university boasts a state-of-the-art genomics core facility.* *The region boasts the highest biodiversity of any temperate forest.*
reforest *C1*	yeniden ormanlandırmak	*The conservation program aims to reforest degraded lands with native tree species.* *Efforts to reforest the catchment area reduced soil erosion and improved water quality.*
impartial *C1*	tarafsız	*The peer review process should be impartial, free from personal or professional bias.* *A third-party statistician conducted an impartial analysis of the unblinded data.*
mild *B2*	hafif ılıman	*The patient experienced only mild discomfort following the injection.* *The mild climate of the coastal region allows year-round fieldwork.*
derive *B2*	türetmek elde etmek	*The researcher will derive the equation from fundamental thermodynamic principles.* *Stem cells can be derived from both embryonic and adult tissues.*
tedious *B2*	sıkıcı zahmetli	*Manual counting of colonies under the microscope is a tedious but necessary task.* *The data cleaning process was tedious due to inconsistent formatting across files.*
highlight *B2*	vurgulamak	*The authors highlight the importance of blinding in clinical trials.* *The graph highlights the difference between the two experimental groups.*
alleviate *C1*	hafifletmek	*The analgesic was administered to alleviate postoperative pain.* *Dietary modification may alleviate symptoms of irritable bowel syndrome.*
debilitate *C1*	zayıf düşürmek	*Chronic fatigue syndrome can severely debilitate patients, impairing daily function.* *The progressive disease debilitates the musculoskeletal system over time.*
affluent *C1*	varlıklı zengin	*The study found that affluent neighborhoods had greater access to green spaces.* *The affluent funding environment allowed the purchase of three new instruments.*
array *B2*	dizi sıra	*The laboratory is equipped with an array of spectrophotometers and centrifuges.* *A DNA microarray is an array of probes attached to a solid surface.*
incentive *B2*	teşvik	*The funding agency offers incentives for researchers who share their data publicly.* *Financial incentives can improve participant retention in longitudinal studies.*
endemic *C1*	endemik yaygın	*The disease is endemic to the region, with seasonal outbreaks occurring each year.* *The island has several endemic plant species found nowhere else on Earth.*
vicious *B2*	şiddetli acımasız	*The vicious cycle of poverty and poor health is difficult to break.* *The predator launched a vicious attack on the anesthetized prey.*
spiral *B2*	sarmal spiralleşmek	*The double helix of DNA is a spiral structure stabilized by hydrogen bonds.* *Costs may spiral out of control if the project scope expands without oversight.*
efficacy *C1*	etkinlik yeterlilik	*The efficacy of the vaccine was 94% in the phase III clinical trial.* *The efficacy of the drug was evaluated in a double-blind, placebo-controlled study.*
disseminate *C1*	yaymak	*The journal aims to disseminate high-quality research to a global audience.* *The findings were disseminated through preprints, conferences, and peer-reviewed publications.*
fatal *B2*	ölümcül	*The mutation is fatal in homozygous individuals but has no effect in heterozygotes.* *A fatal error in the code caused the analysis pipeline to crash.*
ultimate *B2*	nihai en son	*The ultimate goal of the research is to develop a cure for the disease.* *The ultimate cause of the extinction event was likely a combination of factors.*
affordable *B2*	uygun fiyatlı karşılanabilir	*The goal is to make diagnostic testing affordable for low-resource settings.* *The affordable microfluidic device costs less than one dollar per test.*
poetic *B2*	şiirsel	*The description of the natural phenomenon was almost poetic in its elegance.* *The poetic language of the manuscript did not detract from its scientific rigor.*
anthology *C1*	antoloji seçki	*The anthology includes seminal papers from the first decade of the field.* *The instructor assigned an anthology of readings covering multiple theoretical perspectives.*
conscience *B2*	vicdan	*The researcher's conscience compelled her to report the data anomaly.* *The decision to withdraw from the study was a matter of personal conscience.*

Word	Translation	Example Sentence
dynasty *B2*	hanedan	*The Tang dynasty oversaw a flourishing period of technological innovation.* *The artifacts were dated to the 18th dynasty of ancient Egypt.*
corrupt *B2*	yozlaşmış bozuk	*The file was corrupt and could not be opened for analysis.* *Corrupt data entries were removed during the quality control step.*
rebel *B2*	isyan etmek asi	*The graduate student decided to rebel against the outdated protocols and propose new methods.* *The rebel faction prevented researchers from accessing the field site.*
famine *B2*	kıtlık	*The historical famine was associated with crop failure and social upheaval.* *The famine led to population displacement and long-term health consequences.*
refugee *B2*	mülteci	*The study examined mental health outcomes among refugee populations resettled in urban areas.* *Refugee camps often lack adequate sanitation, increasing infectious disease risk.*
hopeless *B2*	umutsuz	*The prognosis appeared hopeless until the experimental treatment was administered.* *The situation is not hopeless; preliminary data show promise.*
unwelcome *B2*	hoş karşılanmayan istenmeyen	*The finding was unwelcome because it contradicted the prevailing theory. Unwelcome disturbances during the experiment included unexpected vibrations.*
originate *B2*	köken almak kaynaklanmak	*The virus is thought to originate in bats before spilling over to humans.* *The sample originates from a deep-sea hydrothermal vent.*
legitimate *B2*	meşru	*The research question is legitimate and worthy of investigation.* *The authors provided a legitimate justification for excluding certain data points.*
project *B2*	proje yansıtmak tahmin etmek	*The research project received funding from the National Science Foundation.* *The team will project future climate scenarios based on current emission trajectories.*
distort *C1*	çarpıtmak bozmak	*The lens can distort the image at the periphery of the field of view.* *Publication bias distorts the perceived effect size in the literature.*
refrain *C1*	kaçınmak tutmak	*Participants were instructed to refrain from eating for eight hours before the test.* *Please refrain from touching the optical surfaces with bare fingers.*
leeway *C1*	esneklik manevra alanı	*The protocol provides some leeway in the choice of statistical methods.* *The supervisor gave the technician leeway to adjust the schedule as needed.*
commercial *B2*	ticari	*The commercial kit contains all reagents necessary for the assay.* *The compound is not yet available for commercial distribution.*
disprove *C1*	yanlışlamak çürütmek	*A single counterexample is sufficient to disprove a universal hypothesis.* *The study aimed to disprove the claim that the intervention is ineffective.*
individual *B2*	birey	*Each individual in the cohort was genotyped for the candidate variant.* *The individual differences in response were substantial and warrant further study.*
pseudo *C1*	sahte yalancı	*The pseudo-replication in the study inflated the statistical significance.* *A pseudo gene is a non-functional copy of a protein-coding gene.*
saturate *C1*	doyurmak	*The binding sites will saturate when the ligand concentration reaches 100 nM.* *The soil became saturated with water after prolonged rainfall.*
starchy *B2*	nişastalı	*Starchy foods such as potatoes and rice are major sources of dietary carbohydrates.* *The starchy endosperm provides energy for the germinating seed.*
intermittent *C1*	aralıklı kesintili	*The patient experienced intermittent fevers alternating with afebrile periods.* *The signal was intermittent due to loose electrical connections.*
overwork *B1*	fazla çalışmak yormak	*To overwork the centrifuge beyond its rated speed risks rotor failure.* *The team was overworked and under-resourced, leading to burnout.*
confront *B2*	yüzleşmek karşı karşıya gelmek	*The researcher must confront the possibility that the hypothesis is incorrect.* *The study confronts the ethical challenges of conducting research in conflict zones.*

Word	Translation	Example Sentence
simulate *B2*	benzetim yapmak taklit etmek	*The software can simulate protein folding using molecular dynamics algorithms.* *The artificial environment was designed to simulate Martian surface conditions.*
stance *C1*	duruş tavır	*The official stance of the agency is that all data must be shared upon publication.* *The participant adopted a wide stance to maintain balance on the moving platform.*
stagger *C1*	sendelemek şaşırtmak	*The patient began to stagger and had difficulty walking in a straight line.* *The results staggered the research team, who expected a much smaller effect.*
stroke *B2*	felç vuruş	*Ischemic stroke results from occlusion of a cerebral blood vessel.* *The stroke of the piston was measured at 50 millimeters.*
kidney *B2*	böbrek	*The kidney filters blood plasma to remove waste products and regulate electrolytes.* *Chronic kidney disease is staged according to glomerular filtration rate.*
elevate *B2*	yükseltmek	*The platform will elevate the sample to the level of the objective lens.* *The finding elevated the profile of the previously obscure research field.*
escalate *C1*	tırmanmak artmak	*The conflict between the two laboratories escalated into a public dispute.* *Dosage may be escalated gradually if the initial dose is well tolerated.*
odd *B2*	garip tek	*The result was odd because it contradicted all previous studies.* *The dataset contained an odd number of observations, preventing a simple split into equal halves.*
subspecies *C1*	alt tür	*The subspecies differs from the nominal species in pelage color and skull morphology.* *The endangered subspecies is found only in a single valley.*
wholesome *C1*	sağlıklı yararlı	*The diet consisted of wholesome, unprocessed foods rich in fiber and nutrients.* *The wholesome environment of the laboratory promoted careful and ethical research.*
ancestor *B2*	ata	*The common ancestor of humans and chimpanzees lived approximately six million years ago.* *The modern horse is descended from a dog-sized ancestor.*
dedicate *B2*	adamak	*The researcher will dedicate considerable time to mentoring undergraduate students.* *The laboratory is dedicated to studying the molecular basis of memory.*
snub *C1*	görmezden gelmek tokatlamak	*The journal snubbed the submission without sending it for peer review.* *The senior author felt snubbed when not invited to the collaborative meeting.*
renaissance *C1*	rönesans yeniden doğuş	*The field experienced a renaissance following the development of new imaging techniques.* *The renaissance of interest in psychedelic research has led to new clinical trials.*
discern *C1*	ayırt etmek fark etmek	*The human eye cannot discern individual pixels at standard viewing distance.* *It is difficult to discern a pattern in the noisy data without statistical filtering.*
traverse *C1*	geçmek kat etmek	*The nerve fibers traverse the corpus callosum to reach the contralateral hemisphere.* *The research vessel will traverse the Atlantic Ocean collecting water samples.*
industrial *B2*	endüstriyel	*Industrial emissions are a major source of atmospheric particulate matter.* *The industrial revolution dramatically altered the global carbon cycle.*
ratio *B2*	oran	*The signal-to-noise ratio was improved by averaging 100 consecutive measurements.* *A ratio of 2:1 was used for the mixing of the two reagents.*
eager *B2*	hevesli istekli	*The research team was eager to begin the new clinical trial.* *The student was eager to learn the technique and practiced daily.*
swivel *C1*	döndürmek dönmek	*The microscope head can swivel 180 degrees for shared viewing.* *The technician swiveled the chair to face the computer screen.*
independent *B2*	bağımsız	*The two variables are statistically independent, with a correlation near zero.* *The independent review committee approved the study protocol.*
erratic *C1*	düzensiz değişken	*The subject's heart rate was erratic, fluctuating between 50 and 120 beats per minute.* *The erratic behavior of the instrument suggested a loose connection.*

Word	Translation	Example Sentence
treacherous *C1*	hain güvenilmez tehlikeli	*The road conditions were treacherous, delaying the arrival of the research team.* *The treacherous terrain required four-wheel-drive vehicles to access the sampling sites.*
aground *C1*	karaya oturmuş	*The research vessel ran aground on a submerged sandbar.* *The boat was aground for six hours until the rising tide refloated it.*
herd *B2*	sürü	*The herd of bison migrated across the plain following the seasonal vegetation gradient.* *The herd immunity threshold for measles is approximately 95% vaccination coverage.*
mountainous *B2*	dağlık	*The mountainous terrain posed challenges for the seismic monitoring equipment.* *The mountainous region receives orographic precipitation on the windward slopes.*
plow *B2*	pulluk sürmek	*The farmer will plow the field before planting the experimental crop.* *The plow disturbed the soil structure and increased erosion rates.*
unfold *B2*	açılmak gelişmek	*The protein will unfold under denaturing conditions, losing its tertiary structure.* *The events unfolded rapidly after the initial observation.*
kimono *B1*	kimono	*The kimono is a traditional Japanese garment with long sleeves and a wrap-around design.* *The museum displayed a kimono from the Edo period made of silk.*
garment *B2*	giysi	*The protective garment must be worn at all times inside the cleanroom.* *The garment was made of a breathable fabric that repels liquid.*
pad *B2*	ped destek doldurmak	*The technician will pad the shipping container with foam to protect the fragile samples.* *The mouse pad has a textured surface for precise cursor control.*
tubular *C1*	boru şeklinde	*The tubular structure of the nephron is responsible for urine concentration.* *The tubular reactor design provided efficient heat transfer.*
silhouette *C1*	siluet	*The silhouette of the mountain range was visible against the setting sun.* *The silhouette of the protein was determined using small-angle X-ray scattering.*
promise *B2*	söz vermek umut vaat etmek	*The preliminary results promise to revolutionize the field.* *The investigator must promise confidentiality to all study participants.*
enrich *B2*	zenginleştirmek	*The culture medium is enriched with amino acids and vitamins for optimal growth.* *The researcher will enrich the sample for rare cells using magnetic beads.*
associate *B2*	ilişkilendirmek ortak	*The study associates high sugar intake with increased risk of metabolic syndrome.* *The associate professor supervised the graduate student's thesis.*
resolution *B2*	çözünürlük karar	*The microscope has a lateral resolution of 200 nanometers.* *The board passed a resolution requiring mandatory ethics training.*
perpetuate *C1*	sürdürmek devam ettirmek	*The practice of not publishing null results perpetuates publication bias.* *The myth was perpetuated by anecdotal reports in the absence of controlled studies.*
overtake *C1*	geçmek yakalamak	*Renewable energy may soon overtake fossil fuels as the primary energy source.* *The fast-growing tumor overtakes the surrounding healthy tissue.*
divert *C1*	yönlendirmek saptırmak	*The technician will divert the flow of coolant through an alternative path.* *Funding was diverted from basic science to applied research.*
secretive *C1*	gizemli saklayıcı	*The species is secretive and seldom observed in its natural habitat.* *The funding agency was secretive about its review criteria, frustrating applicants.*
intelligible *C1*	anlaşılır	*The speaker's accent was thick but still intelligible to the international audience.* *The recorded signal was barely intelligible due to background noise.*
disputable *C1*	tartışmalı	*The claim that the effect is clinically significant remains disputable.* *The interpretation of the historical documents is disputable and contested by several scholars.*
affective *C1*	duygusal duygu ile ilgili	*The study measured affective responses to the visual stimuli using skin conductance.* *Affective disorders such as depression involve dysregulation of mood.*

Word	Translation	Example Sentence
genius *B2*	dahi	*The solution was a stroke of genius, combining two previously unrelated techniques.* *The young researcher was regarded as a genius in algorithm design.*
diameter *B2*	çap	*The diameter of the particle was measured to be 50 nanometers by electron microscopy.* *The circular field of view has a diameter of 500 micrometers.*
devise *C1*	tasarlamak bulmak	*The team will devise a novel assay to detect the biomarker in serum.* *The researchers devised a strategy to minimize batch effects.*
wrought *C1*	işlenmiş yol açmış	*The changes wrought by the industrial revolution transformed society.* *The material is wrought iron, known for its ductility and corrosion resistance.*
capable *B2*	yetenekli kapasiteye sahip	*The new instrument is capable of detecting single molecules.* *The researcher is capable of performing the complex statistical analysis.*
represent *B2*	temsil etmek	*The sample must represent the target population to allow generalization.* *The symbol "p" represents the probability of obtaining the observed result under the null.*
mundane *C1*	sıradan gündelik	*The task of pipetting hundreds of samples was mundane but essential.* *The mundane details of the protocol are as important as the innovative steps.*
documentary *B2*	belgesel	*The documentary presented evidence of climate change from multiple sources.* *The documentary footage captured the behavior of the species in the wild.*
ferocious *C1*	vahşi yırtıcı	*The ferocious predator swiftly captured its prey.* *The competition between the two laboratories was ferocious but ultimately*
screen *B2*	taramak ekran	*The researchers will screen 10,000 compounds for inhibitory activity.* *The screen of the computer displayed the real-time data from the sensors.*
incurable *C1*	tedavi edilemez çaresiz	*The patient was diagnosed with an incurable genetic disorder affecting mitochondrial function.* *Despite being incurable, the condition can be managed with symptomatic treatment.*
pupil *B2*	öğrenci (göz) öğrenci (okul)	*The pupil constricts in response to bright light to limit retinal exposure.* *Each pupil in the research ethics course completed a certification examination.*
deliberate *B2*	kasıtlı bilinçli	*The deliberate manipulation of the control group assignment introduced bias.* *The researcher took a deliberate pause before answering the methodological question.*
provoke *B2*	kışkırtmak provoke etmek	*The antigen will provoke an immune response characterized by antibody production.* *The inflammatory stimulus provokes the release of cytokines from macrophages.*
predominant *C1*	baskın en yaygın	*The predominant cell type in the tissue is the fibroblast.* *The predominant theory attributes the phenomenon to oxidative stress.*
forefront *C1*	ön safta öncü	*The laboratory is at the forefront of CRISPR-based gene therapy research.* *The scientist placed replication studies at the forefront of her research agenda.*
shorten *B2*	kısaltmak	*The new protocol will shorten the reaction time from 60 to 30 minutes.* *Telomere length tends to shorten with each cell division.*
countless *B2*	sayısız	*The researcher conducted countless optimization experiments before achieving success.* *Countless variables can influence the outcome of a complex biological system.*
compose *B2*	oluşturmak bestelemek	*The membrane is composed of a phospholipid bilayer with embedded proteins.* *The research team composed a detailed protocol for the systematic review.*
irregular *B2*	düzensiz	*The patient's heartbeat was irregular, with premature ventricular contractions.* *The irregular spacing of the data points suggested a non-uniform sampling interval.*
gauge *C1*	ölçmek gösterge	*The instrument will gauge the pressure inside the reaction vessel.* *The researcher used a Likert scale to gauge participant satisfaction.*
limestone *B2*	kireçtaşı	*The cave formed within limestone due to dissolution by carbonic acid in groundwater.* *Limestone deposits contain fossils of marine organisms from the Cretaceous period.*

Word	Translation	Example Sentence
interior *B2*	iç iç kısım	*The interior of the cell is separated from the external environment by the plasma membrane.* *The interior regions of the continent experience more extreme temperature variations.*
cubic *B2*	kübik	*The crystal has a cubic lattice structure with equal edge lengths.* *The sample volume was one cubic centimeter, equivalent to one milliliter.*
dissimilar *B2*	farklı benzemez	*The two experimental conditions were dissimilar in temperature and humidity.* *Despite dissimilar genetic backgrounds, the phenotypes were remarkably similar.*
persuasive *C1*	ikna edici	*The authors presented a persuasive argument for revising the taxonomic classification.* *The meta-analysis provided persuasive evidence against the proposed mechanism.*
ally *B2*	müttefik destekçi	*The statistician became a valuable ally in designing the complex experiment.* *The two research groups ally to share resources and expertise.*
chestnut *B2*	kestane	*The chestnut tree was devastated by blight in the early 20th century.* *The roasted chestnut contains resistant starch that modulates gut microbiota.*
straightforward *B2*	basit anlaşılır	*The protocol is straightforward and can be completed in under two hours.* *The relationship between the variables is straightforward and linear.*
morale *C1*	moral	*High team morale was associated with increased research productivity.* *The repeated manuscript rejections negatively affected the lab's morale.*
conceal *B2*	gizlemek	*The researcher did not conceal any conflicts of interest in the disclosure statement.* *The thick myelin sheath conceals the axon from direct view.*
situate *C1*	konumlandırmak	*The field station is situated at an altitude of 3000 meters.* *The investigator will situate the findings within the broader theoretical framework.*
aristocracy *B2*	aristokrasi	*The aristocracy historically patronized scientific endeavors and natural history collections.* *The aristocracy of the 18th century funded many botanical expeditions.*
prehistoric *B2*	tarih öncesi	*Prehistoric cave paintings depict large mammals that are now extinct.* *The prehistoric climate was inferred from ice core isotopic data.*
obscure *B2*	belirsiz karanlık gizlemek	*The origin of the sample remains obscure due to incomplete documentation.* *The author chose to obscure the identities of the participants for privacy.*
gear *B2*	dişli ekipman hazırlamak	*The gear train transmits rotational motion from the motor to the stirrer.* *The laboratory is geared toward high-throughput screening applications.*
rigid *B2*	katı sert	*The scaffold material is rigid and maintains its shape under compression.* *The rigid inclusion criteria limited the generalizability of the findings.*
fearsome *C1*	korkunç dehşet verici	*The predator's fearsome appearance belies its generally docile behavior.* *The fearsome reputation of the disease motivated aggressive public health measures.*
autonomy *C1*	özerklik	*The ethics committee operates with autonomy independent of institutional pressure.* *The university granted the research center autonomy in budget allocation.*
simultaneous *B2*	eşzamanlı	*The two reactions occur simultaneously in the same reaction vessel. Simultaneous measurement of temperature and pressure allowed equation of state calculations.*
barren *C2*	kısır çorak	*The barren landscape supported no visible plant or animal life.* *The culture medium remained barren after 14 days, indicating sterilization was successful.*
cremate *C1*	yakmak (ölüyü)	*The remains were cremated before the ashes were returned to the family.* *The decision to cremate rather than bury was based on local customs and available land.*
stereotype *C1*	klişe basmakalıp	*The study aimed to stereotype the neural correlates of racial bias.* *The researcher avoided the stereotype that only certain demographic groups experience the condition.*

Word	Translation	Example Sentence
portray *B2*	tasvir etmek	*The graph portrays the relationship between dose and response as sigmoidal.* *The authors portray the competing hypothesis as implausible given the evidence.*
tenet *C1*	ilke prensip	*A central tenet of the scientific method is that findings must be replicable.* *The tenet of informed consent is fundamental to ethical human subjects research.*
gesture *B2*	jest el hareketi	*The participant used a hand gesture to indicate the direction of motion.* *The funding was a generous gesture of support for early-career researchers.*
perform *B2*	gerçekleştirmek yapmak	*The robot will perform the pipetting steps with sub-millimeter precision.* *The assay performs reliably across a wide range of sample concentrations.*
brutish *C2*	kaba vahşi	*The brutish treatment of the experimental animals violated ethical standards.* *The brutish conditions of the early industrial laboratories are no longer acceptable.*
contradict *B2*	çelişmek	*The new findings contradict the previously published meta-analysis.* *The two hypotheses are not mutually exclusive and do not contradict each other.*
conform *B2*	uymak bağdaşmak	*The results conform to the predictions of the theoretical model.* *All protocols must conform to the safety guidelines established by the committee.*
narrow *B2*	dar sınırlamak	*The study focused on a narrow age range of 18–25 years.* *The confidence interval was narrow, indicating precise estimation.*
crave *C1*	şiddetle arzulamak	*The craved substance activated the brain's reward circuitry in the animal model.* *Sleep-deprived participants craved high-calorie foods more than rested controls.*
foresee *B2*	öngörmek	*The researchers could not foresee the equipment failure that disrupted the experiment.* *The model can foresee population declines up to five years in advance.*
reciprocal *C1*	karşılıklı ters	*The two proteins have a reciprocal regulatory relationship; each inhibits the other.* *The reciprocal of the resistance is conductance, measured in siemens.*
clutter *C1*	dağınıklık karışıklık	*The clutter of unnecessary reagents on the bench increased contamination risk.* *The researcher removed the clutter of outdated files from the data directory.*
genuine *B2*	gerçek samimi	*The specimen is a genuine fossil, not a replica.* *The collaboration was based on genuine mutual respect and shared scientific goals.*
consent *B2*	onay izin	*The participant provided written informed consent before enrollment.* *The researcher obtained consent to use the archived tissue samples.*
lengthy *B2*	uzun (zaman)	*The lengthy review process delayed publication by over a year.* *The protocol includes a lengthy washing step that could be optimized.*
exorbitant *C1*	fahiş (fiyat)	*The journal charged an exorbitant article processing fee of $5000.* *The cost of the specialized antibody was exorbitant relative to the research budget.*
wilderness *B2*	vahşi doğa	*The research station is located in a protected wilderness area.* *The wilderness served as a natural laboratory for studying ecosystem dynamics.*
atlas *B2*	atlas	*The brain atlas provides stereotaxic coordinates for precise electrode placement.* *The atlas of protein expression maps localization across human tissues.*
reckon *B2*	hesaplamak farzetmek	*The researcher reckons the sample size needed to detect a 10% difference.* *One might reckon that the effect would be larger, but the data show otherwise.*
gamma *B2*	gama	*Gamma radiation has the shortest wavelength in the electromagnetic spectrum.* *The gamma distribution is often used to model positively skewed data.*
deplete *C1*	tüketmek	*The intensive farming practices deplete soil nutrients over time.* *The reagent stock was depleted after 200 assays and required reordering.*
blurb *C1*	tanıtım yazısı arka kapak yazısı	*The blurb on the journal's website summarized the key finding in one sentence.* *The author wrote a blurb for the back cover of the monograph.*
footage *B2*	görüntü (video)	*The footage from the wildlife camera captured the nocturnal behavior of the species.* *The security footage was reviewed to determine who accessed the laboratory after hours.*

Word	Translation	Example Sentence
cease B2	durmak sona ermek	*The reaction will cease when the limiting reagent is exhausted.* *The funding for the project will cease at the end of the fiscal year.*
newscast B2	haber bülteni	*The newscast reported on the study's findings, though with some simplification.* *The researcher declined to appear on the newscast to avoid sensationalism.*
entice C1	cezbetmek	*The reward was designed to entice participants to complete the lengthy survey.* *The smell of food entices the animals into the trap for tagging.*
undesirable B2	istenmeyen	*The mutation had undesirable side effects including reduced fertility.* *Undesirable variability in the manufacturing process led to batch-to-batch differences.*
prospective C1	ileriye dönük beklenen	*The prospective cohort study enrolled 5000 subjects at baseline.* *The prospective benefits of the treatment outweighed the potential risks.*
erect B2	dikmek inşa etmek	*The team will erect a weather station at the summit.* *The hair follicles erect in response to cold or fear via the arrector pili muscles.*
prohibit B2	yasaklamak	*The protocol prohibits the use of sodium azide due to explosion risk.* *Institutional policy prohibits the removal of hazardous materials from the laboratory.*
accustom C1	alıştırmak	*The researcher accustomed the animals to the handling procedure before the experiment.* *The technician must accustom themselves to the strict cleanroom protocols.*
ordinary B2	sıradan normal	*The ordinary light microscope cannot resolve structures below 200 nanometers.* *The finding was no ordinary anomaly; it suggested a fundamental revision of the theory.*
structure B2	yapı yapılandırmak	*The three-dimensional structure of the protein was determined by X-ray crystallography.* *The researcher will structure the interview questions to avoid leading prompts.*
insignificant B2	önemsiz	*The difference between the two groups was statistically insignificant ($p = 0.34$).* *The contamination level was insignificant and did not affect the results.*
flush B2	kızarmak yıkamak eşit	*The researcher will flush the tubing with distilled water before use.* *The patient experienced a facial flush after administration of the drug.*
assist B2	yardım etmek	*The robotic arm will assist the surgeon during the delicate procedure.* *The graduate student assisted in the analysis of the sequencing data.*
vice B2	kötü alışkanlık mengen	*The study examined the neural basis of vice and self-control.* *The technician secured the sample in a vice before cutting.*
faithful B2	sadık	*The model is a faithful representation of the underlying biological process.* *The transgenic mouse is a faithful model of the human disease.*
monstrous C1	canavarca korkunç	*The monstrous size of the dataset required distributed computing resources.* *The monstrous ethical violation led to retraction and institutional sanctions.*
hound C1	rahatsız etmek kovalamak	*The journalist hounded the researcher for a comment before the embargo lifted.* *The animal was hounded by predators until it sought refuge.*
seismic C1	sismik depremle ilgili	*The seismic data revealed a previously unknown fault line beneath the laboratory.* *The discovery had seismic implications for the field, overturning decades of*
offspring B2	yavru döl	*The offspring of the treated mice were examined for inherited epigenetic changes.* *Each offspring was genotyped to confirm the presence of the transgene.*
accommodate B2	barındırmak uyum sağlamak	*The new facility can accommodate up to 50 researchers simultaneously.* *The statistical model must accommodate the nested structure of the data.*
abstain C1	kaçınmak uzak durmak	*Participants were instructed to abstain from caffeine for 12 hours before the test.* *The reviewer chose to abstain from voting due to a conflict of interest.*
impermissible C1	izin verilmez caiz değil	*It is impermissible to alter the data after the analysis is complete.* *The use of an unvalidated questionnaire is impermissible in regulatory submissions.*

Word	Translation	Example Sentence
scroll *B2*	parşömen kaydırmak	*The ancient scroll contained medicinal recipes from the 3rd century.* *The technician will scroll through the digital images to find the appropriate section.*
syndrome *B2*	sendrom	*Down syndrome results from trisomy of chromosome 21.* *The metabolic syndrome is defined by a cluster of cardiovascular risk factors.*
cradle *C1*	beşik kaynağı	*The region is considered the cradle of modern agriculture.* *The researcher gently placed the specimen in the cradle of the microtome.*
lineage *C1*	soy soyağacı	*The lineage of the cell line was verified by short tandem repeat profiling.* *The genetic lineage can be traced using mitochondrial DNA.*
humid *B2*	nemli	*The humid conditions promoted fungal growth in the culture plates.* *The incubator was maintained at 95% humidity to prevent evaporation.*
infectious *B2*	bulaşıcı	*The patient was isolated until it was confirmed the disease was not infectious.* *The prion is an infectious proteinaceous agent that causes spongiform encephalopathy.*
incubate *B2*	kuluçkaya yatırmak inkübe etmek	*The researcher will incubate the plates at 37°C for 24 hours.* *The eggs incubate for approximately 21 days before hatching.*
blister *B2*	kabarcık su toplamak	*A blister formed on the skin at the site of the thermal burn.* *The paint developed blisters due to trapped solvent beneath the surface.*
rash *B2*	kızarıklık döküntü	*The patient developed a rash characterized by erythematous papules.* *A rash of equipment failures plagued the early phase of the study.*
adorn *C1*	süslemek	*The cover of the journal is adorned with a stylized double helix.* *The researcher did not adorn the poster with unnecessary graphics, keeping it clear.*
zenith *C1*	zirve	*The sun reaches its zenith at solar noon in the tropics.* *The field's influence was at its zenith during the 1990s, with widespread funding and interest.*
beautify *B1*	güzelleştirmek	*The data visualization was designed to communicate clearly, not merely to beautify.* *The grounds crew beautify the campus, but the research buildings remain utilitarian.*
tackle *B2*	ele almak uğraşmak	*The team will tackle the problem of antibiotic resistance from multiple angles.* *The study tackles a long-standing question in evolutionary biology.*
satiety *C1*	tokluk	*The hormone leptin signals satiety to the hypothalamus after food intake.* *High-fiber meals promote satiety and reduce subsequent caloric consumption.*
skeletal *B2*	iskelet	*The skeletal muscle is under voluntary control and attaches to bones via tendons.* *The researcher prepared a skeletal outline of the review article before writing.*
milestone *B2*	dönüm noktası	*The completion of the Human Genome Project was a major milestone in biology.* *The team achieved each milestone on schedule, culminating in the clinical trial.*
retard *C1*	yavaşlatmak geciktirmek	*The cold temperature will retard the growth of the bacterial culture.* *The addition of a stabilizer retards the degradation of the polymer.*
complicate *B2*	karmaşıklaştırmak	*The presence of multiple isoforms complicates the interpretation of the western blot.* *The lack of a gold standard test complicates the validation of the new assay.*
restrain *B2*	kısıtlamak tutmak	*The animal was gently restrained during the blood collection procedure.* *The researcher must restrain the impulse to over-interpret the preliminary data.*
strive *C1*	çabalamak gayret etmek	*The team strives to maintain the highest standards of data integrity.* *The scientist strives to replicate her own findings before submission.*
pinnacle *C1*	zirve	*The discovery represented the pinnacle of the researcher's career.* *The journal Nature is considered the pinnacle of publication venues in many fields.*
assess *B2*	değerlendirmek	*The questionnaire was used to assess quality of life in the patients.* *The committee will assess the grant proposals based on innovation and feasibility.*
hereditary *B2*	kalıtsal	*The disease follows a hereditary pattern consistent with autosomal dominant inheritance.* *Hereditary factors accounted for approximately 50% of the variance in the trait.*

Word	Translation	Example Sentence
architectural *B2*	mimari	*The architectural design of the new laboratory promotes collaboration and safety.* *The architectural features of the protein include alpha helices and beta sheets.*
congest *C1*	tıkamak sıkıştırmak	*The airways become congested with mucus during an asthma attack.* *The network was congested with data traffic, slowing the transfer of large files.*
incorporate *B2*	dahil etmek birleştirmek	*The revised model will incorporate the effects of temperature and humidity.* *The researcher incorporates feedback from colleagues before submitting the manuscript.*
viewpoint *B2*	bakış açısı	*From an ecological viewpoint, the intervention is justified.* *The review article presents multiple viewpoints on the controversial issue.*
dispel *C1*	gidermek dağıtmak	*The new data dispel any lingering doubt about the efficacy of the vaccine.* *The researcher attempted to dispel the myth that the chemical is carcinogenic.*
evaluate *B2*	değerlendirmek	*The committee will evaluate the reproducibility of the published results.* *The technician evaluates the instrument performance daily using a standard sample.*
temper *C1*	yumuşatmak ılımlılaştırmak	*The researcher must temper enthusiasm for the findings with appropriate caution about limitations.* *The alloy is tempered to increase its toughness without sacrificing strength.*
thorough *B2*	kapsamlı titiz	*The thorough literature review identified 150 relevant studies.* *A thorough examination of the equipment revealed no defects.*
eliminate *B2*	ortadan kaldırmak	*The purification step will eliminate contaminating proteins from the sample.* *The researcher sought to eliminate all sources of bias in the experimental design.*
strain *B2*	zorlamak suş	*The bacterial strain used in the experiment is resistant to ampicillin.* *The researcher took care not to strain the delicate optical fiber during installation.*
lethal *B2*	öldürücü	*The lethal dose (LD50) of the compound is 200 mg per kilogram of body weight.* *A lethal combination of genetic mutations caused embryonic death.*
volatile *C2*	uçucu değişken	*The solvent is highly volatile and evaporates rapidly at room temperature.* *The political situation in the region was volatile, complicating the fieldwork.*
formaldehyde *B2*	formaldehit	*Formaldehyde is used as a fixative to preserve tissue structure for histology.* *The researcher worked in a fume hood when handling formaldehyde to avoid inhalation.*
spark *B2*	kıvılcım tetiklemek	*The electrical spark ignited the flammable gas mixture.* *The discovery sparked a wave of new research into the molecular pathway.*
airtight *B2*	hava geçirmez	*The samples were stored in airtight containers to prevent oxidation.* *The seal on the reactor must be airtight to maintain anaerobic conditions.*
meaningful *B2*	anlamlı	*The difference of 0.5% was statistically significant but not clinically meaningful.* *The study produced a meaningful dataset that will be reused by other researchers.*
blast *B2*	patlama rüzgar	*The blast from the explosion damaged the nearby instruments.* *The researcher used a blast of compressed air to clean the optical surfaces.*
drawback *B2*	dezavantaj sakınca	*A major drawback of the method is its high cost per sample.* *The drawback of using a small sample size is low statistical power.*
scope *B2*	kapsam olanak	*The scope of the review includes all studies published since 2010.* *The microscope has a scope of adjustment for both fine and coarse focus.*
fodder *C1*	yem (hayvan)	*The corn silage is used as fodder for the livestock on the research farm.* *The preliminary results became fodder for the media's sensationalized reporting.*
foodstuff *B2*	gıda maddesi	*The foodstuff was analyzed for its protein and fat content.* *Fermentation of various foodstuffs produces organic acids and alcohols.*
livestock *B2*	çiftlik hayvanları	*The livestock were housed in controlled conditions for the nutritional study.* *Antibiotic use in livestock contributes to the spread of resistant bacteria.*
temperate *B2*	ılıman	*The temperate zone experiences four distinct seasons with moderate rainfall.* *The temperate climate of the region allows year-round outdoor research activities.*

Word	Translation	Example Sentence
continental B2	kıtasal	*Continental climates are characterized by large seasonal temperature variations.* *The continental drift hypothesis was later superseded by plate tectonics theory.*
enforce B2	uygulamak yürürlüğe koymak	*The institution must enforce compliance with animal welfare regulations.* *The reviewer will enforce the journal's policy on data availability.*
graze B2	otlamak	*The cattle graze on the pasture, affecting plant community composition.* *The laser beam will graze the surface of the sample without penetrating deeply.*
stall B2	durmak saplanmak tezgah	*The research project stalled due to lack of funding.* *The stall in progress frustrated the early-career researcher.*
emphasis B2	vurgu	*The course places strong emphasis on experimental design and statistical reasoning.* *The authors placed emphasis on the replicability of their findings.*
commodity C1	meta	*The price of the chemical commodity fluctuated with global supply and demand.* *Data has become a valuable commodity in the modern research landscape.*
criterion B2	kriter	*Inclusion criterion for the study was age between 18 and 65 years.* *The primary criterion for success was a reduction in symptom severity.*
chronological B2	kronolojik	*The results are presented in chronological order according to the date of each experiment.* *The chronological sequence of fossil layers allows relative dating of specimens.*
subtle C1	ince hafif	*There was a subtle but consistent difference between the two groups.* *The subtle shift in the absorption spectrum indicated a conformational change.*
retrieve B2	geri almak almak	*The software will retrieve the data from the archived backup.* *The robot can retrieve samples from the -80°C freezer without human assistance.*
synesthesia C1	sinestezi	*The neurological condition synesthesia causes cross-modal perceptions, such as seeing colors when hearing music.* *The study used fMRI to investigate brain connectivity in individuals with synesthesia.*
couple B2	bağlamak çift	*The researcher will couple the fluorophore to the antibody using a crosslinking reagent.* *The couple of variables showed a strong positive correlation.*
supernatural C1	doğaüstü	*The study did not investigate supernatural explanations, limiting itself to natural phenomena.* *Belief in supernatural entities was correlated with certain cognitive biases.*
gratitude B2	minnet şükran	*The authors expressed their gratitude to the study participants for their time.* *The acknowledgment section of the paper listed those to whom gratitude was owed.*
combat B2	savaşmak mücadele etmek	*The new drug is designed to combat multidrug-resistant bacterial infections.* *Public health campaigns aim to combat the spread of misinformation.*
extravagant C1	aşırı savurgan	*The extravagant claims of the study were not supported by the modest data.* *The proposal requested extravagant funding for non-essential equipment.*
dismissive C1	küçümseyen reddedici	*The reviewer was dismissive of the alternative hypothesis without examining the evidence.* *The senior researcher was dismissive of the junior scientist's concerns about contamination.*
dissatisfaction B2	memnuniyetsizlik	*There was widespread dissatisfaction with the journal's slow review process.* *The participant reported dissatisfaction with the randomization assignment.*
decay B2	çürümek bozunmak	*The radioactive isotope decays into a stable daughter product over time.* *The organic matter began to decay rapidly in the warm, moist environment.*
waterlogged C1	suya doymuş	*The waterlogged soil prevented root aeration and stunted plant growth.* *The waterlogged archaeological wood required special conservation treatment.*
emit B2	yaymak	*The fluorescent molecule emits light at 520 nm when excited at 488 nm.* *The volcano emits sulfur dioxide and ash particles into the atmosphere.*

Word	Translation	Example Sentence
spiritual *B2*	manevi ruhani	*The study examined the relationship between spiritual practices and mental health outcomes.* *The patients reported spiritual experiences that they attributed to the meditation intervention.*
antidote *C1*	panzehir	*The researcher administered the specific antidote to reverse the effects of the organophosphate poisoning.* *There is no known antidote for the neurotoxin, only supportive care.*
exalted *C1*	yüceltilmiş yüksek mertebedeki	*The exalted status of the journal made it highly competitive for publication.* *In some ancient cultures, the priesthood held an exalted position with authority over scientific observation.*
vague *B2*	belirsiz muğlak	*The protocol contained vague instructions that led to variability across experimenters.* *The patient reported vague abdominal discomfort without specific localization.*
serene *C1*	sakin huzurlu	*The serene conditions of the early morning were optimal for the sensitive acoustic measurements.* *The subject remained serene throughout the scanning session, minimizing motion artifacts.*
pacify *C1*	yatıştırmak sakinleştirmek	*The sedative was administered to pacify the animal during the imaging procedure.* *The mediator attempted to pacify the dispute between the two research groups over authorship.*
praise *B2*	övmek övgü	*The reviewers praised the study for its rigorous methodology and transparent reporting.* *The researcher received praise from colleagues for sharing the raw data publicly.*
adjacent *B2*	bitişik yanındaki	*The adjacent wells on the microplate were used as technical replicates.* *The gene is located on the chromosome adjacent to a known regulatory element.*
tremendous *B2*	muazzam çok büyük	*The new telescope offers a tremendous improvement in angular resolution over its predecessor.* *The team invested a tremendous amount of effort in optimizing the reaction conditions.*
plateau *C1*	plato duraklama dönemi	*The reaction rate reached a plateau after 30 minutes as the substrate was depleted.* *The population size remained on a plateau for several generations before declining.*
colonial *B2*	sömürge koloni	*Colonial administration often disrupted traditional land management practices.* *The colonial organisms formed large, branching structures visible to the naked eye.*
capitalism *B2*	kapitalizm	*The relationship between capitalism and scientific innovation is complex and multifaceted.* *Under capitalism, market forces may influence the direction of pharmaceutical research.*
unpack *B2*	açmak çözmek	*The researcher will unpack the assumptions underlying the statistical model in the discussion section.* *The technician carefully unpacked the delicate instrument from its shipping container.*
storehouse *C1*	depo hazine	*The GenBank database serves as a storehouse of genetic sequence information.* *The cell uses lipids as a storehouse of metabolic energy.*
hybrid *B2*	melez hibrit	*The hybrid vehicle combines an internal combustion engine with an electric motor.* *The hybrid species showed intermediate traits between the two parent populations.*
enumerate *C1*	saymak sıralamak	*The methods section enumerates each step of the purification protocol.* *The researcher will enumerate the bacterial colonies on each plate.*
anonymous *B2*	anonim	*The survey responses were collected anonymously to encourage honest reporting.* *The anonymous peer reviewer provided constructive criticism of the manuscript.*
hesitate *B2*	tereddüt etmek	*The researcher did not hesitate to report the unexpected negative result.* *The subject hesitated before responding to the more difficult questions on the task.*
reluctant *B2*	isteksiz gönülsüz	*The principal investigator was reluctant to share the raw data before publication.* *The ethics committee was reluctant to approve the study without additional safeguards.*

Word	Translation	Example Sentence
accountable C1	sorumlu hesap verebilir	*The lead author is accountable for the integrity of the entire study.* *The funding agency held the researchers accountable for meeting the proposed milestones.*
confirm B2	doğrulamak	*The follow-up study was designed to confirm the initial findings using a larger sample.* *The Western blot results confirm the presence of the protein at the expected molecular weight.*
extrasolar C1	güneş dışı başka yıldız sistemine ait	*The detection of an extrasolar planet in the habitable zone generated significant interest.* *The composition of extrasolar atmospheres is studied using transit spectroscopy.*
loyal B2	sadık	*The research assistant remained loyal to the project despite the challenging working conditions.* *The animal model showed loyal preference for the previously rewarded stimulus.*
dissolve B2	çözmek dağılmak	*The salt will dissolve completely in the aqueous buffer solution.* *The partnership began to dissolve after disagreements over data ownership.*
inception C1	başlangıç	*The project has been funded since its inception in 2015.* *The study design was flawed from inception due to inadequate blinding.*
avalanche C1	çığ	*The avalanche of new sequencing data overwhelmed the existing analysis pipelines.* *The seismic trigger caused an avalanche of snow that buried the field equipment.*
slope B2	eğim yamaç	*The slope of the dose-response curve indicates the sensitivity of the assay.* *The researchers established monitoring stations on the eastern slope of the volcano.*
pile B2	yığın birikinti	*The technician sorted through the pile of samples to locate the correct tube.* *The sediment pile at the core of the delta accumulated over millennia.*
comprise B2	oluşmak içermek	*The experimental group comprises 50 subjects with the condition of interest.* *The genome is comprised of both coding and non-coding DNA sequences.*
constrain C1	kısıtlamak sınırlamak	*The small sample size constrains the generalizability of the conclusions.* *The experimental setup constrains the animal's movement to a defined arena.*
inanimate C1	cansız	*The study compared responses to animate versus inanimate objects in the visual cortex.* *The inanimate control stimuli consisted of scrambled images with no recognizable form.*
segregate C1	ayırmak ayrıştırmak	*The centrifuge will segregate the cellular components based on density.* *The researcher segregates the data by sex to examine potential differences.*
exhaust B2	tüketmek bitirmek egzoz	*The reaction will exhaust the limiting reagent after approximately two hours.* *The vehicle's exhaust emissions were analyzed for particulate matter content.*
debris B2	enkaz döküntü	*The landslide deposited a large amount of rock debris across the sampling transect.* *The technician removed cellular debris from the lysate by centrifugation.*
superficial B2	yüzeysel	*The superficial layers of the skin are composed of stratified squamous epithelium.* *The analysis was only superficial and failed to identify the underlying mechanism.*
eccentric C1	eksantrik tuhaf	*The planet's orbit is highly eccentric, bringing it close to the star and then far away.* *The researcher was known for eccentric but productive approaches to problem-solving.*
participate B2	katılmak	*All subjects provided consent before agreeing to participate in the study.* *The patient was unable to participate in the follow-up due to moving out of the*
equator B2	ekvator	*The equator receives more direct solar radiation than higher latitudes.* *The biodiversity of many groups peaks near the equator and declines toward the poles.*
spectrum B2	spektrum tayf	*The emission spectrum of the star showed absorption lines corresponding to various elements.* *The study examined the full spectrum of disease severity from mild to critical.*

Word	Translation	Example Sentence
descend B2	inmek alçalmak	*The probe will descend through the atmosphere of Titan, collecting data at multiple altitudes.* *The researcher descended into the cave to collect mineral samples.*
baboon B2	babun	*The baboon troop exhibited complex social hierarchies that influenced access to resources.* *The baboon model has been used to study the effects of chronic stress on health.*
arise B2	ortaya çıkmak doğmak	*Several methodological problems arise when using self-reported data.* *The need for a new classification system arose from the accumulation of contradictory findings.*
roam B2	dolaşmak gezmek	*The satellite tracked how the animals roam across the savanna during the dry season.* *The researcher allowed the subject to roam freely within the designated enclosure.*
residential B2	konut yerleşim	*The study was conducted in a residential facility where participants lived for the duration.* *The residential neighborhood was chosen due to its proximity to the hospital.*
deem B2	saymak değerlendirmek	*The ethics committee deemed the risk level as minimal and approved the study.* *The reviewer deemed the manuscript unsuitable for publication in its current form.*
juvenile B2	genç yavru	*The juvenile animals grew rapidly during the first six months after birth.* *Juvenile offenders were excluded from the adult study population.*
savvy C1	kavrayışlı bilgili	*The savvy researcher preregistered the study to protect against criticism of p-hacking.* *Data management requires technical savvy and attention to detail.*
imprison B2	hapsetmek	*The convicted fraudster was imprisoned for fabricating clinical trial data.* *The cells were imprisoned within the hydrogel matrix for three-dimensional culture.*
undetermined C1	belirlenmemiş	*The mechanism of action remains undetermined and requires further investigation.* *The sample's exact age is undetermined due to contamination of the dating material.*
resurgence C1	yeniden canlanma	*The field has seen a resurgence of interest following the development of new tools.* *There has been a resurgence of vaccine-preventable diseases due to declining immunization rates.*
suite B2	takım süit dizi	*The software suite includes modules for data acquisition, analysis, and visualization.* *The patient was treated in a suite of rooms dedicated to sleep studies.*
discourse C1	söylem	*The scientific discourse surrounding the topic has evolved considerably over the past decade.* *The conference provided a forum for civil discourse between competing research groups.*
abstract B2	soyut özet	*The abstract of the paper summarizes the key findings in 250 words.* *The concept of justice is abstract and difficult to operationalize for empirical study.*
turmoil C1	kargaşa	*The laboratory was in turmoil after the sudden departure of the principal investigator.* *Political turmoil in the region disrupted the long-term ecological monitoring*
matriarch C1	ana aile reisi kadın	*The elephant matriarch led the herd to a previously visited water source.* *The matriarch of the research dynasty trained three generations of distinguished scientists.*
natal C1	doğum doğduğu	*The birds returned to their natal territory after the winter migration.* *The study compared natal and adult dispersal patterns in the population.*
mature B2	olgun yetişkin olgunlaşmak	*The mature neurons expressed markers not present in progenitor cells.* *The field has matured considerably since the early exploratory studies.*
disgust B2	iğrenme tiksinti	*The subject rated facial expressions of disgust as highly aversive.* *The researcher expressed disgust at the ethical violations documented in the retracted paper.*
advocate B2	savunuculuk yapmak savunucu	*The authors advocate for stricter standards in statistical reporting.* *She is a strong advocate of open access publishing and data sharing.*

Word	Translation	Example Sentence
redeem *C1*	telafi etmek kurtarmak	*The well-designed control group redeemed an otherwise flawed study.* *The researcher attempted to redeem the failed experiment by reanalyzing the data post-hoc.*
surgeon *B2*	cerrah	*The surgeon performed the implant procedure under sterile conditions in the operating theater.* *The lead surgeon collaborated with engineers to design the novel prosthetic device.*
plaque *B2*	plak (diş arter) plaket	*The accumulation of arterial plaque restricts blood flow and increases risk of infarction.* *The researcher received a commemorative plaque for 25 years of service.*
inhibit *B2*	engellemek inhibe etmek	*The drug will inhibit the enzyme's activity by binding to the active site.* *The presence of the mutation inhibits proper protein folding.*
underscore *C1*	vurgulamak altını çizmek	*The findings underscore the importance of blinding in clinical trials.* *The authors underscore that the results may not generalize to other populations.*
payoff *C1*	getiri sonuç	*The payoff of the large sample size was narrow confidence intervals.* *The payoff from the long-term study was a dataset of exceptional value.*
hurdle *C1*	engel	*A major hurdle to translation is the poor solubility of the compound.* *The team overcame the hurdle of low expression by optimizing the codon usage.*
culprit *C1*	suçlu sorumlu	*The culprit responsible for the contamination was identified as a dirty pipette tip.* *The gene is the likely culprit based on its known function and expression pattern.*
inconclusive *B2*	sonuçsuz kesin olmayan	*The results were inconclusive, failing to reject or support the hypothesis.* *The evidence from the meta-analysis remains inconclusive due to high heterogeneity.*
adequate *B2*	yeterli	*The sample size was adequate to detect a moderate effect with 80% power.* *The ventilation system provided adequate protection against chemical vapors.*
vantage *C1*	avantaj bakış noktası	*From a clinical vantage, the small effect size is not meaningful.* *The hilltop offered a good vantage for observing the animal behavior in the valley below.*
pose *B2*	oluşturmak sormak poz vermek	*The chemical poses a significant health risk if inhaled.* *The researcher will pose a question to the audience after presenting the data.*
scrutiny *C1*	inceleme mercek altına alma	*The study's methods were subjected to intense scrutiny during peer review.* *The raw data are available for independent scrutiny by other researchers.*
utopia *C1*	ütopya	*The concept of a scientific utopia where all results are reproducible remains aspirational.* *The philosopher described a utopia governed by reason and empirical evidence.*
equation *B2*	denklem	*The equation E=mc² relates energy to mass and the speed of light.* *The regression equation accounted for 65% of the variance in the outcome.*
thorny *C1*	dikenli zor	*The issue of authorship order remains a thorny problem in collaborative research.* *The committee addressed the thorny question of how to handle conflicting results.*
treaty *B2*	anlaşma antlaşma	*The international treaty banned the production of certain ozone-depleting substances.* *The research collaboration was formalized by a bilateral treaty between the two countries.*
jurisdiction *C1*	yargı yetkisi	*The ethics committee has jurisdiction over all studies conducted at the institution.* *The data fell outside the jurisdiction of the national regulatory agency.*
albeit *C1*	gerçi her ne kadar	*The result was statistically significant, albeit with a small effect size.* *The method is reproducible, albeit only under carefully controlled conditions.*
altitude *B2*	irtifa yükseklik	*The oxygen saturation decreased as the research team ascended to higher altitude.* *The drone collected atmospheric samples at an altitude of 200 meters.*
inborn *C1*	doğuştan	*The inborn error of metabolism was detected by newborn screening.* *The trait is inborn and not influenced by environmental factors after birth.*

Word	Translation	Example Sentence
plague B2	veba rahatsız etmek	*The plague, caused by Yersinia pestis, devastated European populations in the 14th century.* *The study was plagued by high dropout rates and missing data.*
afflict C1	rahatsız etmek muzdarip olmak	*The condition afflicts approximately 1 in 5000 live births.* *The elderly population is disproportionately afflicted by the disease.*
passive B2	pasif edilgen	*The passive transport of molecules across the membrane requires no energy input.* *The control group received a passive intervention with no active component.*
transparent B2	şeffaf	*The culture vessel is made of transparent polystyrene for easy visual inspection.* *The review process should be transparent, with clear criteria and disclosed conflicts.*
fluorescent B2	floresan	*The fluorescent dye emits light at 520 nm when excited at 488 nm.* *The fluorescent signal was proportional to the concentration of the target molecule.*
tinge C1	hafif renk ton	*The solution had a faint yellow tinge due to the presence of the impurity.* *The researcher noted a blue tinge in the control wells, indicating contamination.*
senile C1	bunak yaşlılığa ait	*The term senile is no longer preferred; age-related cognitive decline is more precise.* *Senile plaques composed of amyloid-beta accumulate in the brains of affected individuals.*
congenital C1	doğuştan konjenital	*The congenital anomaly was detected on the routine ultrasound.* *Congenital heart defects are the most common type of birth defect.*
inherit B2	miras almak kalıtım yoluyla almak	*The offspring will inherit one copy of the gene from each parent.* *The researcher inherited the laboratory and its equipment from the retiring professor.*
ultraviolet B2	ultraviyole	*The ultraviolet absorbance of the sample was measured at 260 nanometers to quantify nucleic acids.* *Exposure to ultraviolet radiation causes DNA damage and increases skin cancer risk.*
verify B2	doğrulamak	*The independent laboratory will verify the reported results before publication.* *The technician verifyied that the instrument was calibrated before each use.*
moisture B2	nem	*The moisture content of the soil was measured gravimetrically after drying at 105°C.* *The desiccator protects hygroscopic compounds from atmospheric moisture.*
pivotal C1	kilit merkezi	*The pivotal trial led to regulatory approval of the new drug.* *The discovery of restriction enzymes was a pivotal moment in molecular biology.*
terrestrial B2	karasal yeryüzüne ait	*Terrestrial ecosystems store more carbon than the atmosphere.* *The terrestrial planet has a solid surface, unlike the gas giants.*
bloodthirsty C1	kana susamış	*The bloodthirsty depiction of the predator in popular media is often exaggerated.* *The bloodthirsty reputation of the species is not supported by field observations.*
pillage C1	yağmalamak	*The invading forces pillaged the museum, destroying irreplaceable specimens.* *The pillage of archaeological sites removes artifacts from their scientific context.*
venture C2	girişim riskli iş	*The research venture required significant upfront investment with uncertain returns.* *The team decided to venture into a completely new area of investigation.*
plunder C1	yağma talan	*The plunder of natural resources by colonial powers had lasting ecological impacts.* *The illegal plunder of fossil sites deprives scientists of valuable context.*
phonetic C1	fonetik	*The phonetic transcription system allows precise representation of speech sounds.* *The researcher used phonetic cues to categorize the bird's vocalizations.*
syllable B2	hece	*The response time was measured from the onset of the first syllable of the spoken word.* *The task required participants to count the number of syllables in each word.*
comply B2	uymak yerine getirmek	*The laboratory must comply with all biosafety level 2 requirements.* *The manufacturer failed to comply with the reporting deadline for adverse events.*
inept C1	beceriksiz yetersiz	*The inept handling of the centrifuge led to rotor imbalance and damage.* *The reviewer's inept critique missed the main contribution of the paper.*

Word	Translation	Example Sentence
pinpoint *C1*	tam olarak belirlemek	*The study aimed to pinpoint the genetic locus responsible for the trait.* *The imaging technique can pinpoint the location of the tumor with sub-millimeter accuracy.*
determinable *C1*	belirlenebilir	*The age of the sample was not determinable using carbon dating due to contamination.* *The cause of the artifact is determinable through controlled replication experiments.*
seclude *C1*	izole etmek inzivaya çekilmek	*The researcher secluded himself in the field station to complete the data analysis.* *The animals were secluded from human contact for the duration of the experiment.*
ascendancy *C2*	üstünlük egemenlik	*The theory gained ascendancy after a series of confirming studies were published.* *The ascendancy of the molecular approach eclipsed the earlier morphological*
frenzy *C1*	çılgınlık heyecan	*The announcement of the breakthrough caused a media frenzy.* *The animals fed in a frenzy when food was introduced after the fasting period.*
taunt *C1*	alay etmek	*The subordinate researchers did not taunt the postdoc for the failed experiment, offering support instead.* *The subject ignored the taunt and continued with the task.*
undeveloped *B2*	gelişmemiş	*The undeveloped land served as a reference site for the restoration project.* *The undeveloped regions of the genome were once considered junk DNA.*
disparaging *C1*	küçümseyen aşağılayıcı	*The disparaging comments of the reviewer were unprofessional and unhelpful.* *The researcher avoided disparaging language when discussing competing hypotheses.*
disrupt *B2*	aksatmak bozmak	*The power outage disrupted the overnight data collection.* *The mutation disrupts the binding site for the transcription factor.*
reconnaissance *C1*	keşif	*The satellite provides reconnaissance of remote areas for geological mapping.* *The initial reconnaissance trip assessed the feasibility of the field study.*
representative *B2*	temsilci temsili	*The sample is representative of the general population in terms of age and sex.* *The representative from the funding agency visited the laboratory for a site review.*
undermine *B2*	baltalamak zayıflatmak	*The revelation of data fabrication undermines trust in the entire research group.* *The conflicting results undermine the original conclusion of the meta-analysis.*
creamy *B1*	kremamsı	*The solution became creamy in appearance as the emulsion formed.* *The creamy texture of the medium indicated bacterial growth.*
crispy *B1*	gevrek	*The freeze-dried samples were crispy and easily ground into powder.* *The crispy outer layer of the leaf cuticle was visible under the microscope.*
populace *C1*	halk nüfus	*The populace of the coastal region was evacuated before the hurricane made landfall.* *The study surveyed the general populace to assess vaccine hesitancy.*
vernacular *C1*	yerel dil konuşma dili	*The vernacular names for plants often vary significantly between regions.* *The researcher translated the consent form into the local vernacular.*
health *B2*	sağlık	*The study examined the long-term health outcomes of the intervention.* *Environmental factors play a crucial role in determining population health.*
sparing *C1*	tutumlu az kullanan	*The protocol is sparing in its use of expensive reagents.* *The researcher was sparing with the antibody due to its high cost.*
awkward *B2*	garip beceriksiz	*The participant's awkward grip on the tool affected the force measurement.* *The timing of the equipment failure was awkward, occurring just before the deadline.*
barring *C1*	...dışında ...olmadıkça	*Barring unforeseen equipment failure, the experiment will be completed on schedule.* *Barring a major error, the results should be available within two weeks.*
heliocentric *C1*	güneş merkezli	*The heliocentric model proposed by Copernicus placed the Sun at the center of the solar system.* *The transition from geocentric to heliocentric thinking revolutionized astronomy.*
specify *B2*	belirtmek	*The protocol must specify the temperature, duration, and buffer composition for each step.* *The authors failed to specify whether the study was preregistered.*

Word	Translation	Example Sentence
reform B2	reform yenilik	*The proposed reform of peer review includes open reports and published reviewer identities.* *The graduate curriculum underwent a major reform to include reproducible research practices.*
mutual B2	karşılıklı	*The two proteins have a mutual regulatory relationship, each inhibiting the other's expression.* *The mutual exclusivity of the two diagnoses was confirmed by the clinical data.*
interdependent C1	birbirine bağımlı	*The species exhibit an interdependent relationship; neither can survive without the other.* *The organs of the body are interdependent, and failure of one affects the entire*
martial C1	savaşla ilgili askeri	*The martial culture of the ancient society influenced its territorial expansion.* *The study examined martial metaphors in scientific discourse about immunology.*
redirect C1	yönlendirmek başka yöne çevirmek	*The surgeon will redirect blood flow using a vascular graft.* *The funding agency decided to redirect resources toward high-priority areas.*
correlate B2	ilişkilendirmek korelasyon göstermek	*The study found that stress levels correlate positively with cortisol concentration.* *The two variables correlate significantly, but causation remains unproven.*
feudal B2	feodal	*The feudal system was characterized by land ownership in exchange for military service.* *Feudal land tenure patterns influenced modern agricultural boundaries.*
predecessor B2	öncül selef	*The new instrument has higher sensitivity than its predecessor.* *The predecessor study failed to account for a critical confounding variable.*
premature B2	erken vaktinden önce	*The infant was born at 32 weeks, considered premature.* *The researchers' conclusion was premature given the limited sample size.*
potent B2	güçlü etkili	*The compound is a potent inhibitor of the enzyme, with an IC50 in the nanomolar range.* *The potent odor of the chemical required handling in a fume hood.*
abrupt B2	ani sert	*The abrupt change in temperature caused the cells to undergo thermal shock.* *The study ended with an abrupt halt due to loss of funding.*
incessant C1	aralıksız sürekli	*The incessant background noise interfered with the acoustic measurements.* *The subject reported incessant ringing in the ears, a symptom of tinnitus.*
inseparable C1	ayrılmaz	*The two signaling pathways are inseparable in their regulation of cell division.* *In ecology, the organism and its environment are inseparable.*
domesticate C1	evcilleştirmek	*Humans began to domesticate wolves approximately 15,000 years ago.* *The attempt to domesticate the wild species for laboratory use was unsuccessful.*
cumulative B2	kümülatif birikimli	*The cumulative dose of the drug over six months was associated with toxicity.* *The cumulative effect of small measurement errors can be substantial.*
mechanism B2	mekanizma	*The molecular mechanism underlying the disease involves protein misfolding.* *The proposed mechanism explains how the mutation leads to loss of function.*
forethought C1	öngörü ileriyi görme	*The success of the longitudinal study required considerable forethought in planning.* *The researcher lacked the forethought to include a control group.*
majesty C1	ihtişam haşmet	*The majesty of the mountain range was captured in the satellite imagery.* *The review praised the majesty of the theory's explanatory power.*
tier B2	katman basamak	*The data were organized into three tiers based on quality and completeness.* *The clinical trial had a two-tier recruitment strategy.*
prowess C1	ustalık maharet	*The researcher's technical prowess in single-cell sequencing was widely recognized.* *The animal demonstrated remarkable prowess in navigating the maze.*
fierce B2	şiddetli kıyasıya	*The competition for tenure-track positions is fierce in the current academic climate.* *The predator launched a fierce attack on the anesthetized prey.*

Word	Translation	Example Sentence
diverge *B2*	ayrılmak farklılaşmak	*The two species diverged from a common ancestor approximately five million years ago.* *The results of the two experiments diverge significantly at higher concentrations.*
impair *B2*	bozmak zarar vermek	*The mutation impairs the function of the ion channel, leading to disease.* *Sleep deprivation can impair cognitive performance and reaction time.*
conjunction *B2*	birlikte birleşim	*The drug is used in conjunction with radiation therapy for enhanced efficacy.* *The conjunction of multiple risk factors increases the probability of the outcome.*
irrational *B2*	mantıksız	*It is irrational to conclude causality from a purely correlational study.* *The subject's fear of the harmless stimulus was irrational and persisted despite deconditioning.*
abnormal *B2*	anormal	*The blood test revealed abnormal liver enzyme levels requiring further investigation.* *Abnormal cell division leads to uncontrolled proliferation and tumor formation.*
catastrophe *C1*	felaket	*The oil spill was an environmental catastrophe with long-lasting effects on marine life.* *The model predicted a catastrophe if the tipping point is crossed.*
outpatient *B2*	ayakta tedavi gören hasta	*The patient was treated as an outpatient and did not require hospital admission.* *The outpatient clinic provided follow-up care after the initial diagnosis.*
predation *C1*	yırtıcılık avlanma	*Predation by invasive species is a major driver of native population decline.* *The study quantified the rate of predation on insect larvae in the agricultural field.*
invertebrate *B2*	omurgasız	*Invertebrate animals, such as insects and mollusks, lack a vertebral column.* *The invertebrate model organism C. elegans has a fully mapped connectome.*
deprive *B2*	yoksun bırakmak	*The experiment will deprive the animals of water for 12 hours before testing.* *To deprive the cells of oxygen, the chamber was flushed with nitrogen.*
spatial *B2*	uzamsal mekansal	*The spatial resolution of the MRI is 1 millimeter in each dimension.* *The spatial distribution of the species was mapped using GPS coordinates.*
orient *B2*	yönelmek yönlendirmek	*The researcher will orient the crystal to the X-ray beam for data collection.* *The participant was asked to orient the map so that north pointed upward.*
obstruct *B2*	tıkamak engellemek	*The plaque will obstruct the coronary artery, reducing blood flow.* *A large rock obstructed the path to the sampling site.*
apnea *C1*	apne solunum durması	*The patient was diagnosed with sleep apnea based on polysomnography findings.* *Central apnea results from failure of the brain to signal the respiratory muscles.*
befriend *B2*	arkadaş olmak	*The researcher sought to befriend the local community to facilitate fieldwork access.* *The subject attempted to befriend the other participants in the waiting room.*
adjunct *C1*	yardımcı ek	*The antibody was used as an adjunct to the primary therapy to enhance efficacy.* *The statistical method served as an adjunct to the main analysis for sensitivity checking.*
mock *B2*	alay etmek taklit etmek	*The researchers used a mock injection as a placebo control.* *The reviewer did not mock the authors but offered constructive criticism.*
moratorium *C1*	moratoryum durdurma	*The committee imposed a moratorium on the use of the controversial chemical.* *A moratorium on new clinical trials was enacted pending safety review.*
guise *C1*	kılık görünüm	*Under the guise of quality control, the data were manipulated to favor the hypothesis.* *The pathogen evades the immune system in the guise of a harmless molecule.*
marketable *C1*	pazarlanabilir	*The researcher's skills in bioinformatics are highly marketable in the biotechnology industry.* *The invention proved marketable after successful clinical trials.*
patriotism *B2*	vatanseverlik	*The study examined the correlation between patriotism and support for science funding.* *The scientist's patriotism motivated her to work on neglected tropical diseases.*
brink *C1*	eşik kenar	*The species is on the brink of extinction due to habitat loss.* *The research team was on the brink of a breakthrough when funding was cut.*

Word	Translation	Example Sentence
rapid *B2*	hızlı	*The rapid spread of the virus overwhelmed the public health system.* *The reaction produced a rapid color change from blue to yellow.*
inexhaustible *C1*	tükenmez	*The researcher's patience seemed inexhaustible during the tedious data cleaning process.* *Solar energy is an inexhaustible resource on human timescales.*
botany *B2*	botanik	*Botany is the scientific study of plant life, including physiology and taxonomy.* *The botany collection at the herbarium contains over 200,000 specimens.*
intersect *B2*	kesişmek	*The fields of neuroscience and artificial intelligence intersect in the study of learning algorithms.* *The two line transects intersect at a point marked by a permanent stake.*
tribute *B2*	övgü haraç	*The review article paid tribute to the pioneering work of the early researchers.* *The collection of essays serves as a tribute to the late professor's influence.*
navigate *B2*	yön bulmak seyretmek	*The robot can navigate through the maze using infrared sensors.* *The ship navigates through ice-covered waters with the help of satellite data.*
machinery *B2*	makine mekanizma	*The cellular machinery responsible for protein synthesis includes ribosomes and tRNAs.* *The heavy machinery required for the excavation was transported by road.*
cite *B2*	alıntı yapmak	*The authors cite 45 references in their literature review.* *The researcher failed to cite a prior study that reported similar findings.*
dysfunction *B2*	işlev bozukluğu	*The dysfunction of the mitochondria leads to reduced ATP production.* *The study investigated the relationship between sleep dysfunction and metabolic disease.*
bilateral *C1*	iki taraflı	*The patient had bilateral knee pain affecting both joints equally.* *The bilateral agreement facilitated data sharing between the two countries.*
multilateral *C1*	çok taraflı	*The multilateral funding consortium supported the international clinical trial.* *The multilateral collaboration involved institutions from six different countries.*
instrumental *C1*	etkili aracılık eden	*The new technique was instrumental in identifying the rare cell population.* *The mentor was instrumental in shaping the young scientist's career.*
proponent *C1*	savunucu	*The author is a leading proponent of the hypothesis that the disease has an autoimmune origin.* *The proponents of the alternative theory presented compelling counter-evidence.*
employ *B2*	kullanmak istihdam etmek	*The study will employ a double-blind, placebo-controlled design.* *The laboratory employs three full-time research assistants.*
repetitive *B2*	tekrarlayıcı	*The repetitive nature of the pipetting task increased the risk of human error.* *The genome contains repetitive sequences that complicate assembly.*
cornea *B2*	kornea	*The cornea is the transparent front layer of the eye that refracts light.* *The cornea receives oxygen directly from the atmosphere rather than from blood vessels.*
forage *C1*	yiyecek aramak	*The bees forage for nectar within a radius of two kilometers from the hive.* *The forage quality of the pasture declined during the dry season.*
indicate *B2*	belirtmek göstermek	*The results indicate a strong association between the two variables.* *The arrow on the dial indicates the current pressure reading.*
methodical *C1*	metodik sistemli	*The researcher took a methodical approach to troubleshooting the failed experiment.* *The methodical documentation of each step ensured reproducibility.*
sticky *B2*	yapışkan	*The sticky ends of the DNA fragments facilitate ligation into the plasmid.* *The adhesive left a sticky residue on the glass slides.*
culinary *B2*	mutfak yemek pişirme	*The culinary properties of the spice include its flavor and preservative effects.* *The study examined the culinary practices of the region from an anthropological perspective.*

Word	Translation	Example Sentence
staple *B2*	temel gıda başlıca	*Rice is a dietary staple for more than half of the global population.* *The staple crop was genetically modified to increase its nutritional content.*
cuisine *B2*	mutfak (yemek kültürü)	*The local cuisine incorporates ingredients foraged from the surrounding forest.* *The study analyzed the nutritional profile of traditional Mediterranean cuisine.*
pipeline *B2*	boru hattı iş akışı	*The data analysis pipeline consists of alignment, filtering, and variant calling steps.* *The drug development pipeline includes several promising candidates for the disease.*
arthritis *B2*	artrit eklem iltihabı	*Rheumatoid arthritis is an autoimmune condition causing joint inflammation and pain.* *The patient was diagnosed with osteoarthritis, a degenerative form of arthritis.*
vascular *B2*	damar vasküler	*The vascular system transports oxygen and nutrients throughout the body.* *Vascular dementia results from reduced blood flow to the brain.*
decode *C1*	çözmek deşifre etmek	*The algorithm will decode the genetic sequence into its corresponding amino acid chain.* *The researchers aim to decode the neural signals associated with hand movement.*
appreciate *B2*	takdir etmek anlamak	*The scientific community appreciates the importance of replication studies.* *The student failed to appreciate the statistical power implications of the small sample size.*
compel *B2*	zorlamak	*The evidence does not compel the acceptance of the controversial hypothesis.* *The ethical guidelines compel the researcher to report any adverse events.*
prognosis *C1*	prognoz hastalığın seyir tahmini	*The prognosis for patients with early-stage disease is excellent with treatment.* *The biomarker is a strong predictor of poor prognosis.*
enroll *B2*	kaydetmek	*The study will enroll 500 participants over a 12-month period.* *The patient was enrolled in the trial after providing informed consent.*
comet *B2*	kuyruklu yıldız	*The comet orbits the Sun with a period of 76 years.* *The composition of the comet was analyzed by the spacecraft's mass spectrometer.*
coincidence *B2*	tesadüf	*The simultaneous discovery by two independent laboratories was a remarkable coincidence.* *The correlation may be due to chance coincidence rather than causation.*
gloomy *B2*	kasvetli karamsar	*The gloomy economic forecast reduced funding for scientific research.* *The outlook for the species remains gloomy without immediate conservation action.*
retrograde *C1*	geriye doğru tersine	*Mars appears to undergo retrograde motion when Earth passes it in its orbit.* *The decision represents a retrograde step for open access publishing.*
elliptical *C1*	eliptik	*The planet follows an elliptical orbit with the star at one focus.* *The elliptical shape of the galaxy was determined from photometric measurements.*
probe *B2*	araştırmak sonda	*The spacecraft will probe the atmosphere of Jupiter using a descent probe.* *The antibody was used as a molecular probe to detect the protein in tissue sections.*
sweeten *B1*	tatlandırmak	*The researcher did not sweeten the conclusions to make them more palatable to reviewers.* *The compound is used to sweeten the culture medium without affecting cell growth.*
wreak *C1*	neden olmak yol açmak	*The virus can wreak havoc on the immune system by depleting T cells.* *The invasive species wreaked significant damage on the native ecosystem.*
havoc *C1*	yıkım felaket	*The earthquake wreaked havoc on the research station, destroying equipment.* *The software bug caused havoc in the data processing pipeline.*
calcify *C1*	kireçlenmek kalsifiye olmak	*The arterial plaques may calcify over time, stiffening the vessel wall.* *The cartilage began to calcify in the later stages of the disease.*
exhaustive *C1*	kapsamlı tüm ayrıntıları içeren	*The systematic review was exhaustive, covering all studies published since 1990.* *The search strategy was not exhaustive and may have missed relevant literature.*

Word	Translation	Example Sentence
converse *C1*	tersi	*The converse relationship, that high expression leads to better outcomes, was not supported.*
	karşıt	*If the drug is effective, the converse is not necessarily true: the absence of effect does not prove inactivity.*
sterile *B2*	steril	*The culture medium must be sterile to prevent microbial contamination.*
	kısır	*The patient was sterile as a result of the chemotherapy treatment.*
niche *C1*	niş	*The species occupies a unique ecological niche not shared by any other.*
	uygun ortam	*The researcher found a niche specializing in the application of machine learning to genomics.*
eventual *B2*	nihai	*The eventual outcome of the disease depends on early diagnosis.*
	sonuçtaki	*The eventual goal of the project is to develop a point-of-care test.*
bizarre *C1*	tuhaf	*The bizarre result prompted the researchers to re-examine their assumptions.*
	garip	*The subject exhibited bizarre behavior during the task, staring at the ceiling.*