11 SCIENCE AND NATURE

PAGES 96–97

breeze /briːz/ Noun
a *breeze* is a gentle wind

a gentle breeze was blowing through the woods | *there was only a slight breeze* | *it was a cool day with a fresh breeze blowing*

Adjective: *breezy*

it was a fresh, breezy September morning

freezing /ˈfriːzɪŋ/ Adjective
if it is *freezing*, the weather is very cold or the air in a room is very cold

it's going to be freezing tonight | *it's freezing outside, so take a warm coat* | *the weather was freezing all week* | *put the heater on – I'm freezing!* | *the water was freezing when I jumped in*

Verb: *freeze* | Adjective: *frozen*

I thought I was going to freeze to death! | *we've got no water because the pipes are frozen* | *it was difficult to unlock the door with his frozen hands*

storm /stɔː(r)m/ Noun
a *storm* is very bad weather with very strong winds and heavy rain or snow

Collocates: a storm breaks

a big storm is about to hit the East coast of the USA | *heavy storms hit the south of England in 1987* | *the tower was damaged by a storm in 1776* | *I think we're in for a storm (a storm will arrive soon)* | *I was woken by a thunderstorm outside (a storm with thunder and lightning)* | *the storm broke (started) an hour before we got home*

Adjective: *stormy*

Collocates: stormy weather

the weather was stormy so we stayed indoors for another day | *it was a dark and stormy night*

windy /ˈwɪndi/ Adjective
when it is *windy*, the wind is blowing very hard

it's been very wet and windy recently | *it was a windy day outside* | *expect the weather to get very windy by the end of the week* | *windy conditions made the bike ride home harder than usual*

Noun: *wind*

the wind is blowing from the east | *the wind had died down by the evening (had become less strong)*

PAGES 98–99

ban /bæn/ Verb
if someone in authority *bans* something, they make a law to say that it is not allowed. If they *ban* someone from doing something, they do not allow them to do it

Collocates: ban someone from doing something

they're going to completely ban smoking next year | *cigarette advertising was banned years ago* | *my parents banned me from playing computer games for a week* | *he was banned from driving for five months*

Noun: *ban* | Adjective: *banned*

Collocates: a ban on something

the government has introduced a ban on smoking| *two cyclists tested positive for banned substances (had taken drugs that were not allowed)*

conduct /kənˈdʌkt/ Verb
if you *conduct* an activity, you arrange it and carry out all the work that needs to be done

Collocates: conduct an experiment/investigation | conduct research

they wanted to conduct an experiment on animals | *the local police conducted an investigation into the murder* | *the institute conducts research into climate change* | *the interview was conducted by phone* | *they conducted a thorough search of the area*

environment /ɪnˈvaɪrənmənt/ Noun
the *environment* is the land, air, and natural water around us

Collocates: the natural environment | harm/damage the environment | protect the environment

they're funding a project to help the environment | *we need to do more to protect the environment* | *the factory has caused a lot of damage to the environment* | *trees are an essential part of our natural environment*

Adjective: *environmental* | Adverb: *environmentally* | Noun: *environmentalist*

Collocates: environmental damage/pollution

chemicals that cause environmental damage | *the company was found guilty of breaking environmental laws* | *plastic is expensive and environmentally damaging to make* | *we need more environmentally friendly energy* | *a meeting between government ministers and environmentalists (people who want to protect the environment)*

extinct /ɪkˈstɪŋkt/ Adjective
if a type of animal or plant is *extinct*, it no longer exists anywhere in the world

Collocates: become extinct

if we don't do more to protect bees, they could become extinct | *it's been extinct since 1908* | *how can we know what these extinct animals ate?* | *the panda is in danger of becoming extinct*

Noun: *extinction*

Collocates: face extinction

they're on the verge of extinction (almost extinct) | *these bears are facing extinction (are at risk of becoming extinct)*

forecast /ˈfɔː(r)kɑːst/ Noun
a *forecast* is a statement of what is expected to happen in the future based on the facts that are available now

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Collocates: a weather forecast

what's the weather forecast for the weekend? | *did you see the forecast (the weather forecast) for tomorrow?* | *the forecast said a storm was going to hit the coast tomorrow* | *a presentation of the latest sales forecast* | *the economic forecast was very depressing*

Verb: *forecast* | Noun: *forecaster*

Collocates: a weather forecaster

he correctly forecast the result of the election | *sales are forecast to fall in January* | *she worked for 12 years as a weather forecaster on the BBC*

fund /fʌnd/ Verb
if someone *funds* something, they provide the money that is needed to pay for it

the government should fund more research | *the project was funded by a major oil company* | *the latest study was funded by Goethe University* | *we're looking for someone to fund an expedition to the South Pole*

Noun: *funding*

the funding ran out before we'd finished the research | *private universities do not receive government funding*

hit /hɪt/ Verb
when something dangerous or damaging *hits* a place, it arrives there and has a serious and bad effect

a huge storm is going to hit the coast in the next two hours | *the financial crisis of 2008 hit the company very hard* | *the rise in oil prices will hit motorists in the pocket (will cost them money)*

investigate /ɪnˈvestɪgeɪt/ Verb
if someone *investigates* a situation or event, they look at all the facts that they can find about it in order to learn exactly what happened or how something works

they're investigating the effect of colour on memory | *experts are investigating the causes of the explosion* | *scientists are still investigating how the mountains were formed* | *his claim was thoroughly investigated by the police*

Noun: *investigation* | Noun: *investigator*

Collocates: an investigation into something | conduct an investigation | be under investigation

the authorities are conducting an investigation into the plane crash | *further investigation showed that the roof had several holes in it* | *both men are under criminal investigation* | *accident investigators arrived at the scene of the crash within hours*

negative /ˈnegətɪv/ Adjective
something that is *negative* is bad or depressing. If a person is *negative* about something, they believe they are in a bad situation and do not think about any good possibilities

the cold summer had a negative effect on tourism in the area | *he had a very negative attitude* | *too many sweet drinks will produce negative health effects* | *fear is the most common negative emotion*

Adverb: *negatively* || Opposite – Adjective: *positive*

water quality was negatively affected by the heat | *people reacted negatively to the news* | *everyone who works here has a really positive attitude*

nuclear /ˈnjuːkliə(r)/ Adjective
nuclear power or *nuclear* energy is energy that is created when the central part of an atom is broken apart

they're going to build five new nuclear power plants | *nuclear energy is better for the environment than using coal or gas* | *how many countries have nuclear bombs?* | *a nuclear-powered submarine*

power /ˈpaʊə(r)/ Noun uncount
power is energy that is used to make machines work or to heat water, houses, etc.

they're going to build five new nuclear power plants | *storms caused power cuts in the region (when electricity could not get to houses, factories, shops, etc.)* | *the power station (place where electricity is made) was closed in 2004* | *power supply came on overhead wires*

pull down /ˈpʊl ˌdaʊn/ Phrasal verb
to *pull down* a building means to deliberately destroy it and remove everything, for example, in order to put a new building in its place

they're going to pull down the old cinema | *the gallery was pulled down in 1858* | *the house where I grew up was pulled down last year*

rocket /ˈrɒkɪt/ Noun
a *rocket* is a vehicle that can travel into space

we're going to launch a rocket into space next year | *a Russian Soyuz rocket blasted off (started its journey) to the International Space Station from Kazakhstan* | *the Apollo spacecraft was launched with a Saturn V rocket*

unknown /ʌnˈnəʊn/ Adjective
if something is *unknown*, you do not know it

all the bees are dying for some unknown reason | *the word "hockey" is of unknown origin (no one knows what language it comes from)* | *more than 100 previously unknown letters were discovered* | *the true story remained unknown until last year*

PAGES 100–101

bark /bɑː(r)k/ Verb
when a dog *barks*, it makes the usual sound that dogs make

when he saw the man, Scooby barked very loudly | *the dog next door was barking all night* | *he was still barking as the car drove off* | *he's a nice dog – he won't bark or bite*

Noun: *bark*

I could hear the bark of a big dog | *his bark is worse than his bite (said about someone who sounds angry or unfriendly, but who is actually gentle and kind)*

boost /buːst/ Verb
to *boost* something means to make it bigger or better

farmers can boost milk production by being nice to their cows | *an attempt to boost tourism in the area* | *this win did a lot to boost the team's confidence* | *reducing the price was meant to boost sales*

Noun: *boost*

Collocates: give something a boost

I'll show you how to give your Facebook profile a boost

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cage /keɪdʒ/ Noun
a *cage* is a container with bars that people use to keep animals or birds in

the parrots were kept in a cage | *a rabbit cage* | *the lion escaped from his cage in the zoo* | *it's cruel to keep animals in cages*

Adjective: *caged*

he had a number of caged birds in his bedroom | *a caged tiger*

case /keɪs/ Noun
a *case* is a legal situation in which the police find and present evidence and a court decides if someone has committed a crime or not

there was enough evidence to take the case to court | *the case will go to court next month* | *an unsolved case (a crime for which the police have not found the criminal)* | *he lost his case in court* | *the witness changed his mind, so they had to drop the case*

court /kɔː(r)t/ Noun
a *court* is the place where a judge decides if someone actually committed a crime, and tells them what their punishment is if they are guilty

Collocates: appear in court | take someone to court

she was a witness in court in a murder case | *he is due to appear in court on June 17th* | *the court case lasted a week* | *the shop refused to give him his money back so he took them to court*

detect /dɪˈtekt/ Verb
if you *detect* something that is difficult to see or hear, you find it

the rats were trained to detect mines and bombs lying in the ground | *the machine can detect very small quantities of gas* | *what can chemistry do to help doctors detect cancer?* | *a leak was detected in the pipe*

Noun: *detector*

a metal detector (a device that makes a noise when it is close to metal)

drop /drɒp/ Verb
if you *drop* something, you let go of it by accident and it falls to the ground

someone had dropped a wallet | *be careful you don't drop that plate!* | *she dropped her gloves on the floor* | *just drop it in the rubbish bin*

elderly /ˈeldə(r)li/ Adjective
if you describe someone as *elderly*, you are saying in a polite way that they are old. *The elderly* are people who are old

a pet rabbit saved his elderly owners | *an elderly lady sat down next to me on the bus* | *our neighbours are an elderly couple* | *I met an elderly gentleman who has lived in Shipley all his life*

Noun: *the elderly*

winter causes many problems for the elderly

evidence /ˈevɪd(ə)ns/ Noun uncount
evidence is facts that prove that something is true

Collocates: evidence of something | evidence that | evidence against someone

the police don't have enough evidence to arrest him | *there was no evidence of any criminal activity* | *there was no evidence against him (no facts to suggest he was guilty)* | *there's some evidence that the situation is improving*

explode /ɪkˈspləʊd/ Verb
when a bomb *explodes*, it makes a loud noise and sends lots of pieces of metal into the air that can cause a lot of injury and damage

the mines don't explode when the rats stand on them | *the bomb exploded outside the main railway station* | *terrorists used mobile phones to explode the bomb*

Noun: *explosion*

the explosion could be heard ten miles away | *the force of the explosion broke all the windows in the house*

hearing /ˈhɪərɪŋ/ Noun uncount
someone's *hearing* is their ability to hear sounds. *Hearing* is one of the five senses; the other senses are *sight*, *smell*, *taste*, and *touch*

Collocates: a sense of hearing | a hearing aid

I'm losing my sense of hearing | *my grandfather uses a hearing aid (a small device in his ear that helps him hear better)* | *her eyesight and hearing are excellent* | *you should get your hearing tested (get a doctor to find out how good or bad it is)*

hero /ˈhɪərəʊ/ Noun
a *hero* is someone who does something very brave or very useful and is admired by a lot of people. *Hero* is usually used about men, although nowadays the word is used about women too. In the past, the word *heroine* was usually used about women

his father was a war hero (had fought bravely in a war) | *she was a real life hero (a living person, not someone in a made-up story)* | *for a while, Napoleon became the hero of France* | *after he was found guilty, he went from hero to zero (people stopped respecting him)* | *a rat that went from zero to hero*

Feminine – Noun: *heroine*

Boudicca is one of Britain's greatest heroines who rebelled against the Romans

in public /ɪn ˈpʌblɪk/ Phrase
if something happens *in public*, it happens where lots of people can see and hear it, rather than in private where people are not allowed to be present

I'd never made a speech in public before | *this was the first time the painting had been shown in public* | *this sort of behaviour is not acceptable in public*

insist /ɪnˈsɪst/ Verb
if you *insist* on doing something, you say very strongly that you are going to do it even if other people do not want you to

Collocates: insist on doing something

the fishermen insisted on using the shark to prepare a traditional Filipino dish | *he insisted on paying for the meal* | *she insisted that I should see a doctor* | *let me buy you dinner tonight. Really, I insist*

Noun: *insistence*

Collocates: insistence on doing something

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at her insistence, the painter reduced his price | *his insistence on going by train rather than plane annoyed her*

jail /dʒeɪl/ Noun
a *jail* is a building where prisoners live until the end of their punishment

Collocates: send someone to jail | be in jail | a jail bird

guards caught and arrested a pigeon in a jail | *he's been in jail since January* | *the judge sent him to jail for five years* | *his uncle was a jail bird (someone who has spent time in jail)* | *if guilty, he faces two years in jail*

Verb: *jail*

he was jailed for five years

kindness /ˈkaɪn(d)nəs/ Noun uncount
kindness is generous and helpful behaviour towards someone. The expression *the milk of human kindness* comes from the play "Macbeth" by William Shakespeare, and refers to the ability of people to behave in a very generous and kind way

I'll always remember her kindness to me after my father died | *his heart was full of the milk of human kindness* | *I hope I can repay your kindness one day (do something nice for you as a way of thanking you)* | *Lynn was well known for her incredible kindness and generosity*

Adjective: *kind*

you've been very kind and helpful | *she was one of the kindest people I ever met*

let /let/ Verb
to *let* someone go somewhere, do something, or have something means to allow them to go there, do it, or have it

Collocates: let someone do something

he asked the fishermen to let scientists have the body | *the driver stopped to let the passengers get some fresh air* | *I rang the bell and waited for someone to let me in* | *they wouldn't let me see my grandfather when he was in hospital* | *I'll let you have the car tonight if you buy some petrol for it*

nervous /ˈnɜː(r)vəs/ Adjective
if you are *nervous*, you are very worried and slightly scared that you will do something badly

Collocates: nervous about something

I was very nervous because I'd never made a speech in public before | *I usually get really nervous before an exam* | *he was so nervous his hands were shaking* | *I could tell he was nervous because he didn't eat anything at lunch* | *he was nervous about the interview*

Adverb: *nervously*

he waited nervously for his turn to go onto the stage

net /net/ Noun
a *net* is a large piece of cloth with holes in it that allow air or water to pass through. *Nets* are used to catch fish. If the holes are very big, small fish can go through and only big fish are caught

fishermen found a shark in their net | *a butterfly net (used for catching butterflies)* | *the children were setting nets near the bridge (putting nets in the water to catch fish)*

owner /ˈəʊnə(r)/ Noun
the *owner* of something is the person that it belongs to

a pet rabbit saved his elderly owners | *there are 80 million gun owners in America* | *I never met the original owner of the house* | *dog owners should keep their dogs under control*

Verb: *own* | Noun: *ownership*

he owns three houses which he rents out to students | *car ownership has increased hugely over the last 40 years*

pet /pet/ Noun
a *pet* is an animal that you keep at home

do you have any pets? | *she has a pet dog called Pipi* | *I never had a pet when I was a child* | *residents in these flats are not allowed to keep pets*

previously /ˈpriːviəsli/ Adverb
something that happened *previously* happened at a time before something else

the parrots had previously lived in a cage (they're not in it now) | *he works for a national newspaper and, previously, he was at the BBC* | *it was previously reported that the election would be in June* | *as I mentioned previously, we are hoping to finish the job next week*

Adjective: *previous*

the previous owner now lives in Spain | *in previous years, we kept the hotel open at Christmas*

react /riˈækt/ Verb
if someone or something *reacts* to something, they behave in a particular way because of it

Collocates: react to someone or something

they wanted to see how he would react to the main suspect | *she reacted angrily to the news* | *how did he react when you told him?* | *the school reacted by sending him home for a week*

Noun: *reaction*

Collocates: a reaction to something | an immediate reaction

his reaction to the news was very positive | *her immediate reaction was to ask him to leave*

save /seɪv/ Verb
if you *save* someone or something, you help them escape a very dangerous situation so that they do not suffer harm or damage

Collocates: save someone's life

a pet rabbit saved his elderly owners | *having the operation saved his life* | *he fell into the river but was saved by a fisherman who pulled him out* | *a campaign to save polar bears from extinction*

shocked /ʃɒkt/ Adjective
if you are *shocked*, you are very surprised and upset by something

I was really shocked when I saw a rat in the kitchen | *we were all deeply shocked by his death* | *I was shocked to hear that he lost his job* | *I noticed the shocked expression on her face and realised something was wrong* | *we were shocked at the amount of damage the flood had caused*

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Adjective: *shocking* | Verb: *shock*

what shocked me the most was that he said he would do it again | *she heard the shocking news that John had been killed*

sight /saɪt/ Noun uncount
someone's *sight* is their ability to see things. *Sight* is one of the five senses; the other senses are *hearing*, *smell*, *taste*, and *touch*

Collocates: a sense of sight

he's got poor sight (he can't see very well) | *I was scared that I might lose my sight* | *she lost the sight in one eye after the accident* | *these birds have a powerful sense of sight* | *the doctors saved my sight by operating straight away*

suspect /ˈsʌspekt/ Noun
a *suspect* is someone the police think might have committed a crime

they wanted to see how he would react to the main suspect | *police have interviewed three suspects* | *he is the main suspect in a murder case*

Verb: *suspect*

Collocates: suspect someone of something | suspect that

he is suspected of murdering his wife | *I suspect that he isn't telling the truth*

wild /waɪld/ Adjective
a *wild* animal lives in natural conditions and is not looked after by people. *Wild* plants grow naturally and are not looked after by people

his dog was killed by a wild animal in the forest | *we could hear the sound of wild beasts higher up the mountain* | *there were wild horses by the river's edge* | *she picked a bunch of wild flowers*

Noun: *the wild*

it's a shark that is not often seen in the wild (not in a zoo) | *there are only about 500 of these animals left in the wild*

wildlife /ˈwaɪldˌlaɪf/ Noun uncount
wildlife is animals in general, especially animals that live in natural conditions rather than farm animals or pets. The general word for farm animals is *livestock*

we need to do more to protect wildlife in this country | *the area is rich in wildlife, such as eagles and deer* | *Aleksandr is an expert in wildlife conservation (the protection of wildlife)* | *these leaves are not good food for wildlife or livestock* | *the World Wildlife Fund (an organisation that works to protect wildlife all over the world)*

witness /ˈwɪtnəs/ Noun
a *witness* or an *eye witness* is someone who sees a crime and can say what happened

Collocates: a witness to something | an eye witness

police are asking witnesses to contact them | *he had to give evidence in court as a witness to the murder* | *a witness said she heard three gun shots* | *only one eye witness came forward*

Verb: *witness*

no one witnessed the attack | *she witnessed the robbery from the window of her bedroom*

PAGES 102–103

accidentally /ˌæksɪˈdent(ə)li/ Adverb
if something happens *accidentally*, it happens even though no one wanted it to. If you do something *accidentally*, you do not do it deliberately and do not want it to happen

the cure for the disease was accidentally discovered | *I accidentally knocked the glass off the table* | *he accidentally swallowed his chewing gum* | *she accidentally dropped the books on her way out of the library*

Adjective: *accidental* | Noun: *accident*

he took an accidental overdose (more of a medicine than is safe to take) | *it was purely accidental that I saw her at the airport* | *I'm sorry I broke the vase – it was an accident* | *I found the website by accident (not deliberately)*

atom /ˈætəm/ Noun
an *atom* is a very small piece of stuff which is too small to see with your eyes. Things like gold have only one kind of *atom*, while water is made of two different sorts of *atom*, oxygen and hydrogen

graphene is just one atom thick | *water is H_2O: two atoms of hydrogen and one of oxygen*

attraction /əˈtrækʃ(ə)n/ Noun uncount
attraction is a force that pulls two objects towards each other

there's an attraction between the Earth and the moon

Verb: *attract*

if you don't dry the table it will attract dust

award /əˈwɔː(r)d/ Verb
to *award* something to someone means to give them a prize for something good that they have done

they were awarded a Nobel Prize for the discovery | *she was awarded a scholarship (some money to help pay for her education)* | *the judges awarded first prize to Ian McEwan*

Noun: *award*

Collocates: win an award

he's won several awards for his books | *she got a special award for her charity work*

balloon /bəˈluːn/ Noun
a *balloon* is a ball made of thin rubber which is full of air and which is used as a toy or as a decoration

Collocates: burst a balloon | blow up a balloon

if you rub a balloon on your hair, it will be able to stick to the wall | *on the day of the party, we put balloons on the front door* | *keep the balloons away from the fire or they'll burst* | *I felt quite tired after blowing up 20 balloons (using my breath to fill the balloons with air)*

ceiling /ˈsiːlɪŋ/ Noun
the *ceiling* is the top surface in a room, over your head

how do spiders walk on ceilings? | *the ceiling is very low in here* | *a high ceiling* | *I need to paint the ceiling* | *a ceiling fan (a fan attached to the ceiling)*

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charge /tʃɑː(r)dʒ/ Noun
an electric *charge* is an amount of electricity that is stored in something such as a battery

the movement creates a small electric charge | *there are two types of electric charge: positive and negative*

Verb: *charge*

I need to charge my phone

comfort /ˈkʌmfə(r)t/ Verb
if you *comfort* someone, you do things to help them become calm and relaxed when they are upset or very sad

the baby was comforted by her mother | *he comforted me when I got the news that my mother had died* | *she sang to the child to comfort him* | *her father rushed to the scene to comfort the family*

Adjective: *comforting*

she was always a comforting presence in my life | *thank you for your comforting words*

confidently /ˈkɒnfɪd(ə)ntli/ Adverb
if you do something *confidently* you do it in a positive way, believing strongly in your ability to do it

they explored the room quite confidently | *she walked confidently into the interview room* | *he spoke confidently about the future*

Adjective: *confident* | Noun: *confidence*

I'm quite confident that we'll finish the project on time | *as I spoke, I tried to sound more confident than I felt* | *the college aimed to develop the qualities of courage, confidence, and character*

cruel /ˈkruːəl/ Adjective
someone or something that is *cruel* makes people or animals suffer in an unnecessary way

taking babies from their mothers is considered cruel | *children can be extremely cruel to each other* | *he was often unpleasant but he was never cruel* | *how selfish and cruel he had been*

Adverb: *cruelly* | Noun: *cruelty*

he was treated very cruelly by the other students | *they were protesting against animal cruelty (cruel treatment of animals)*

electric /ɪˈlektrɪk/ Adjective
electric things use electricity to work

an electric car (that uses electricity, not petrol) | *an electric cooker* | *Harrison played an electric guitar on the recording* | *the movement creates a small electric charge*

Noun: *electricity* | Adjective: *electrical*

we use more electricity in the winter months because of the heating | *turn off your electrical appliances (TVs, washing machines, cookers, etc.) when they're not in use*

explore /ɪkˈsplɔː(r)/ Verb
if you *explore* a place, you look or travel all around it in order to find out what it is like

they explored the room quite confidently | *we had a cup of tea, then explored the campsite* | *I'm planning a holiday to explore North Wales next year* | *we spent the day exploring the island*

factor /ˈfæktə(r)/ Noun
a *factor* is one of several things that have an effect on an event or situation

what factors are important for a good quality of life? | *factors such as smoking and bad diet can lead to heart attacks* | *this is only one of many factors involved* | *even the environment and pollution can be factors*

gene /dʒiːn/ Noun
your *genes* are the parts in the cells of your body that control what you look like and other things about your body

are there "crime genes"? | *they've found the gene that causes the disease* | *genes play a part in heart disease* | *we pass on our genes to our children* | *the whole family are good at languages – it's in their genes (they all have the same ability)*

Adjective: *genetic*

the disease is cause by a genetic defect (something wrong with a gene)

importance /ɪmˈpɔː(r)t(ə)ns/ Noun uncount
the *importance* of something is how important people think it is

Collocates: vital importance | recognise/realise the importance of something

they investigated the importance of love and contact between mothers and babies | *water quality is of vital importance (very important indeed)* | *the committee recognised the importance of language learning* | *the article emphasised the importance of getting a good night's sleep*

Adjective: *important*

it's very important that you arrive on time | *there are three important questions that need to be answered*

layer /ˈleɪə(r)/ Noun
a *layer* is a flat amount of something that covers something else, or that is between two other things

Collocates: a layer of something

if you peel the tape away, some layers of graphite come off | *the roof was a single layer of steel sheets* | *put a layer of potatoes in the bottom of the dish, then a layer of onions*

particular /pə(r)ˈtɪkjʊlə(r)/ Adjective
if you say you are talking about a *particular* person or thing, you mean you are talking about one person or thing even though you have not said exactly which one

some violent criminals share a particular gene | *I don't belong to any political party* | *in this particular town, there were three churches* | *one particular book had a huge influence on my life*

peel /piːl/ Verb
if you *peel* fruit or vegetables, you cut the outside skin off. If you *peel* something away from something else, you remove one layer and leave another layer underneath it

if you peel the tape away, some layers of graphite come off | *gently peel off the plastic cover* | *I peeled back the wallpaper to see what was underneath* | *whose turn is it to peel the potatoes?*

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Noun: *peel*

a piece of orange peel

prize /praɪz/ Noun
a *prize* is something you are given for winning a competition or for a very good achievement

Collocates: win a prize | be awarded a prize

they won a Nobel Prize for the discovery of graphene | she won first prize in a poetry competition | I was awarded a prize of £100 | the prize was a week's holiday in Cornwall

rare /reə(r)/ Adjective
if something is *rare*, it is not very common or it does not happen very often

he suffered from a rare blood disease | the winters are cold, although snow is rare | it was a rare opportunity to see Real Madrid play in California | teachers as good as her are very rare

Adverb: *rarely*

he used to be keen, but he rarely plays the piano now | temperatures here rarely reach freezing point

security /sɪˈkjʊərəti/ Noun uncount
security is a feeling of being safe

the monkey had the security of knowing his mother was there | he wanted the comfort and security of owning his own home

Adjective: *secure* || Opposites – Noun: *insecurity* | Adjective: *insecure*

I had a happy and secure childhood (I was never worried about things) | he was always telling jokes in an attempt to hide his insecurity | as a child, he was anxious and insecure

-ITY

Words ending in *–ity* are usually nouns and are connected to adjectives.

*the **security** of your own home*	*a secure childhood*
*a **minority** of voters*	*a minor issue*
*have a **majority***	*a major problem*
*have no **creativity***	*a creative job*
*have a **disability***	*be disabled*

sticky tape /ˈstɪki ˌteɪp/ Noun uncount
sticky tape is a thin strip of plastic that has glue on one side, and that you can use to stick pieces of paper together or to fix things to a wall

I fixed it on the wall with sticky tape | I ran out of sticky tape and had to buy some more | a roll of clear sticky tape (that you can see through)

tear /teə(r)/ Verb
if you *tear* something such as paper or cloth, you pull it so that it falls into two separate pieces

graphene is so strong that you just can't tear it | she read the letter, then tore it into pieces | he tore his shirt climbing up the tree | I accidentally tore the photograph when I put it in the frame

Adjective: *torn*

she was wearing a blue T-shirt and torn jeans

toy /tɔɪ/ Noun
a *toy* is an object that children play with

the children's bedroom was full of soft toys (small animals made of soft material) | her father made wooden toys | the largest toy shop in the world (a shop that sells toys) | a collection of toy cars

violent /ˈvaɪələnt/ Adjective
something that is *violent* involves the use of physical force or weapons to hurt or kill people

Collocates: violent crime | a violent attack

studies have found that some violent criminals share a particular gene | many other people have the same gene but aren't violent | I can't understand his violent behaviour | he was the victim of a violent attack in the street | Britain has less violent crime than many other countries

Adverb: *violently* | Noun: *violence*

the argument ended violently with William throwing a plate at his brother | I thought there was too much violence in the film

weight /weɪt/ Noun
the *weight* of someone or something is how heavy they are

Collocates: lose weight | put on weight

the attraction is strong enough to hold something 100 times the weight of the spider | the bridge was not strong enough to carry the weight of the lorry | he's been trying to lose weight | I always put on weight over Christmas (I get heavier)

Verb: *weigh*

the baby weighed only 3 kilos at birth

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EXERCISES

PREPOSITIONS

A Complete the sentences with the correct preposition.

1 My parents banned me ..... playing computer games.
2 She insisted ..... paying for the meal.
3 He was nervous ..... the interview.
4 She reacted angrily ..... the news.
5 There was no evidence ..... any criminal activity.

B Choose the correct preposition.

1 I'll always remember her kindness *to* / *with* me after my father died.
2 Put a layer *from* / *of* potatoes in the bottom of the dish.
3 The committee recognised the importance *of* / *from* language learning.
4 Children can be extremely cruel *with* / *to* each other.
5 He is suspected *of* / *for* murdering his wife.

WORD FAMILIES

C Complete the sentences with the correct form of the word in bold.

1 animal **cruelty**	Are animal experiments .....?
2 **environmental** damage	Protect the ......
3 government **funding**	He ..... his own research.
4 a murder **investigation**	Police are ..... a murder.
5 the mine **exploded**	We could hear the ..... ten miles away.
6 become **extinct**	They're on the verge of .....

D Tick the words that are both nouns and verbs.

1 forecast .....
2 detect .....
3 bark .....
4 boost .....
5 witness .....
6 insist .....

WORD BUILDING

E Write the nouns that relate to these verbs. Look up the verbs if you need help.

1 explode .....
2 react .....
3 insist .....
4 detect .....
5 investigate .....
6 fund .....

COLLOCATIONS

F Complete the sentences with the correct form of the verbs in the box. Look up the nouns in bold if you need help.

become	appear	face	protect
break	conduct	send	

1 The **storm** ..... an hour before we got home.
2 The panda is in danger of ..... **extinct**.
3 He is due to ..... in **court** on June 17th.
4 The judge ..... him to **jail** for five years.
5 We need to do more to ..... the **environment**.
6 These bears are ..... **extinction**.
7 The local police are ..... an **investigation** into the murder.

G Complete the collocations with nouns from the unit.

1 nuclear p_ _ _ _
2 weather f_ _ _ _ _ _t
3 an eye w_ _ _ _ _s
4 a sense of h_ _ _ _ _g
5 of vital i_ _ _ _ _ _ _ _e
6 a Nobel p_ _ _e

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