

8 A changing world

Glossary

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- 8.1 **wildfire** (n) /'waɪldfaɪə(r)/
a fire in the countryside that is burning out of control • *The wildfire has completely destroyed the forest.* ❖ _____
- 8.2 **consequence** (n) /'kɒnsɪkwəns/
a result of an action or situation, usually a bad one • *If we continue destroying the environment, we will have to suffer the consequences.* ❖ _____

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- 8.3 **effect** (n) /ɪ'fekt/
a result of sth • *You should protect your skin against the harmful effects of the sun.* > effective (adj), effectively (adv) ❖ _____

LOOK!

The word *affect* is usually a verb meaning 'have an influence or cause a change'. Remember that: if A *affects* B, A has an *effect* on B.

- → The climate can **affect** all aspects of our lives.
- → The climate can have an **effect** on all aspects of our lives.

- 8.4 **climate change** (n) /'klaɪmət tʃeɪndʒ/
changes in the weather of the planet as a result of increasing the level of carbon dioxide in the atmosphere • *Climate change is a slow process, but we can already see the weather getting warmer in many parts of the Earth.* ❖ _____
- 8.5 **carbon emissions** (n pl) /'kɑːbən ɪ'mɪʃənz/
carbon dioxide produced by cars, planes, factories, etc. that harms the environment • *Rich countries should take more measures to reduce carbon emissions.* ❖ _____
- 8.6 **fossil fuel** (n) /'fɒsl fjuːəl/
fuels such as gas and oil, produced underground millions of years ago from parts of dead animals and plants • *We need to find other solutions as the world is running out of fossil fuels.* ❖ _____
- 8.7 **fuel** (n) /'fjuːəl/
a substance that we burn to provide heat or power • *The plane had to land because it was running out of fuel.* > fuel (v) ❖ _____

- 8.8 **vegan** (adj) /'viːɡən/
not eating or using any animal products
• *I stopped eating meat many years ago, but now I'm going vegan so no more fish, eggs or cheese for me!* > vegan (n) ❖ _____
- 8.9 **green** (adj) /griːn/
related to the protection of the environment
• *Vegans are very interested in green issues.* ❖ _____
- 8.10 **loss** (n) /lɒs/
the state of having lost sth • *Weight loss can be a sign of health problems.* > lose (v)
❖ _____
- 8.11 **habitat** (n) /'hæbɪtæt/
the natural environment of an animal or plant
• *Tropical forests are the natural habitat of many animals that are in danger of extinction.* ❖ _____
- 8.12 **alternative** (n) /ɒl'tɜːnətɪv/
a thing that you can choose to use or do instead of sth else • *I decided to decline his offer and I am looking for alternatives.* > alternate (v), alternative (adj)
❖ _____
- 8.13 **solar** (adj) /'səʊlə(r)/
of the sun or from the sun • *We have installed a solar water heater.* ❖ _____
- 8.14 **release** (v) /rɪ'liːs/
let sth spread into the atmosphere
• *The accident released a dangerous amount of radioactivity into the atmosphere.* > release (n) ❖ _____
- 8.15 **coal** (n) /kəʊl/
a hard black substance that you burn to produce heat or power • *Can you put some more coal on the fire?* ❖ _____
- 8.16 **oil** (n) /ɔɪl/
petroleum • *Oil companies are obviously against solar power.* ❖ _____
- 8.17 **associate** (v) /ə'səʊʃieɪt/
make a connection in your mind • *I always associate the smell of fresh bread with my grandmother.* > association (n)
❖ _____
- 8.18 **pessimistic** (adj) /,pɛsɪ'mɪstɪk/
believing that bad things will happen • *He was very pessimistic about our plan, but I think it will be a success.* > pessimism (n), pessimist (n) ❖ _____  Opp: optimistic

- 8.19 overwhelmed** (adj) /ˌəʊvə'welmd/
feeling that sth is so bad or so big that you can't do anything about it • *There were so many emails to respond to that I was overwhelmed.* > overwhelm (v), overwhelming (adj) ❖ _____
- 8.20 do my best** (expr) /du: maɪ best/
do as much as you can to achieve sth • *I did my best to solve the problem, but unfortunately I didn't manage to.* ❖ _____
- 8.21 consume** (v) /kən'sju:m/
use (fuel, energy, time) • *It's a very expensive car to run – it consumes a lot of fuel.*
> consumption (n), consumer (n), consumerism (n) ❖ _____
- 8.22 renewable** (adj) /rɪ'nju:əbl/
that can be used and easily replaced • *The arrangement lasts for a year and is renewable for another year.* ❖ _____
- 8.23 renewable energy** (n) /rɪ'nju:əbl 'enədʒi/
energy, such as solar power, that can be produced without using fossil fuels • *In a few decades, fossil fuels will have run out and we will have no choice but to use renewable energy.* ❖ _____
- 8.24 wind power** (n) /wɪnd paʊə(r)/
electricity produced from the power of the wind • *Some people think wind power can help solve the energy problem.* ❖ _____
- 8.25 scale** (n) /skeɪl/
the size or level of sth • *People must understand the scale of the problem. It isn't limited to our own country.* ❖ _____
- 8.26 dramatically** (adv) /drə'mætɪkəli/
suddenly and obviously • *House prices in the city centre have increased dramatically.*
> dramatic (adj) ❖ _____
- 8.27 share** (n) /ʃeə(r)/
a part of something that has been divided between two or more people • *Your share of the cost is 15 euros.* > share (v)
❖ _____
- 8.28 represent** (v) /,reprɪ'zent/
be, be equal to • *These suggestions represent a change in our approach.* > representation (n) ❖ _____
- 8.29 agriculture** (n) /'ægrɪkʌltʃə(r)/
farming • *The country's economy depends on agriculture rather than technology.*
❖ _____
- 8.30 figure** (n) /'fɪgə(r)/
a number • *I've added the latest costs and these are the final figures.* ❖ _____
- 8.31 use (sth) up** (phr v) /ju:z ('sʌmθɪŋ) ʌp/
use all of sth, until there is nothing left • *We used up all the flour for the cupcakes so we couldn't make a pizza.* ❖ _____

- 8.32 tax** (n) /tæks/
money that you pay to the government on the money you earn and products and services you buy • *In most countries, there are heavy taxes on alcohol and tobacco.* ❖ _____
- 8.33 authentic** (adj) /ɔ:'θentɪk/
real, true, not fake • *Wait till you taste the authentic Italian ice cream. You won't eat the ice cream we get from the shop again!*
❖ _____
- 8.34 power** (v) /paʊə(r)/
provide a machine with the energy that it needs to work • *The aircraft is powered by four jet engines.* > power (n), powerful (adj), powerless (adj) ❖ _____
- 8.35 in (sb's) hands** (expr) /ɪn ('sʌmbədɪz) hændz/
controlled or taken care of by sb • *The matter is no longer in my hands, I have no responsibility for it.* ❖ _____
- 8.36 species** (n) /'spi:ʃɪz/
a group of animals or plants that share the same characteristics and can produce healthy young • *Many species of insects exist only in certain areas of the planet.* ❖ _____
- 8.37 vegetarian** (adj) /,vedʒɪ'teəriən/
not eating meat or not including meat • *It's a vegetarian restaurant so they don't serve meat.* > vegetarian (n) ❖ _____

Vocabulary Page 92

- 8.38 nature reserve** (n) /'neɪtʃə rɪ'zɜ:v/
an area where wild animals can live and be protected • *The island is a nature reserve, where seals can live in peace.*
❖ _____
- 8.39 endangered** (adj) /ɪn'deɪndʒəd/
in danger of extinction • *Many species of sea turtle are now endangered.* > endanger (v)
❖ _____
- 8.40 resource** (n) /rɪ'zɔ:s/
sth that you have and can use • *Water resources on the island are limited.*
❖ _____
- 8.41 gas** (n) /gæs/
a substance in a form like air • *Air is actually a mixture of gases.* ❖ _____
- 8.42 atmosphere** (n) /'ætməsfɪə(r)/
the mixture of gases around the Earth • *The atmosphere of many cities in Asia is polluted.*
> atmospheric (adj) ❖ _____
- 8.43 generate** (v) /'dʒenəreɪt/
produce or create • *The program can generate images based on your instructions.*
> generation (n) ❖ _____

- 8.44 source** (n) /sɔːs/ the place that something comes from • *Oranges are a great source of vitamin C.* ❖ _____
- 8.45 threat** (n) /θret/ a person or thing that will probably cause sth bad to happen • *Human activity represents a threat to the survival of the planet.* > threaten (v), threatening (adj) ❖ _____
- 8.46 global warming** (n) /ˌglɒsbɪl ˈwɔːmɪŋ/ the increase in world temperatures that gases like carbon dioxide are causing • *The disastrous effects of global warming are not yet fully known.* ❖ _____
- 8.47 organic** (adj) /ɔːˈgænɪk/ grown without using chemicals • *Organic food is certainly more expensive, but it is much healthier.* ❖ _____
- 8.48 surround** (v) /səˈraʊnd/ be everywhere around sth • *Tall buildings surround the town square.* > surroundings (n pl) ❖ _____
- 8.49 solid** (adj) /ˈsɒlɪd/ hard, not in the form of liquid or gas • *Ice is water in its solid state.* > solid (n) ❖ _____
- 8.50 liquid** (adj) /ˈlɪkwɪd/ in a form like water, that you can easily pour • *Mercury is a liquid metal.* > liquid (n) ❖ _____
- 8.51 coast** (n) /kəʊst/ the land next to the sea • *The town is built on the Mediterranean coast.* > coastal (adj) ❖ _____
- 8.52 introduce** (v) /ˌɪntrəˈdʒuːs/ put sth into use for the first time • *They have introduced a new method for measuring energy consumption.* > introduction (n) ❖ _____
- 8.53 mass** (adj) /mæs/ involving a large number • *The government's measures led to mass unemployment.* > mass (n), massive (adj) ❖ _____
- 8.54 ecology** (n) /iˈkɒlədʒi/ the relationship of living things with each other and with the environment • *Oil pollution has seriously damaged the ecology of the coastal area.* > ecological (adj) ❖ _____
- 8.55 carbon dioxide** (n) /ˌkɑːbən daɪˈɒksaɪd/ the gas that is formed when carbon is burned or when we breathe out • *There has been a rise in the level of carbon dioxide in the atmosphere in recent years.* ❖ _____
- 8.56 carbon footprint** (n) /ˌkɑːbən ˈfʊtprɪnt/ the amount of carbon dioxide that an activity produces • *More and more people are using bicycles rather than cars, to reduce their carbon footprint.* ❖ _____
- 8.57 greenhouse gas** (n) /ˌɡriːnhaʊs ˈɡæs/ carbon dioxide or another of the gases that are considered responsible for global warming • *Reducing greenhouse gas production is quite an expensive process.* ❖ _____
- 8.58 heat up** (phr v) /hi:t ʌp/ make or become warmer • *It's quite a large room and will take a while to heat up.* ❖ _____
- 8.59 greenhouse effect** (n) /ˌɡriːnhaʊs ɪˈfekt/ the natural phenomenon whereby the heat from the sun enters the Earth's atmosphere but is unable to escape it • *It is believed that carbon dioxide increases the greenhouse effect and causes global warming.* ❖ _____
- 8.60 build up** (phr v) /bɪld ʌp/ increase in quantity • *The pressure built up until he could no longer take it and he fell ill.* ❖ _____
- 8.61 trap** (v) /træp/ keep sb/sth in one place so that they/it cannot escape • *He managed to trap the mouse with a piece of cheese.* > trap (n) ❖ _____
- 8.62 contribute** (v) /kənˈtrɪbjʊt/ be one of the reasons why sth happens • *Stress certainly contributes to the development of the disease.* > contribution (n) ❖ _____

Climate crisis

carbon emissions	greenhouse effect
carbon footprint	greenhouse gas
climate change	renewable energy
fossil fuel	solar power
global warming	wind power

Grammar Page 93

- 8.63 reusable** (adj) /ˌriːˈjuːzəbəl/ that can be used again • *I've got a reusable water bottle made of glass.* ❖ _____
- 8.64 remains** (n pl) /rɪˈmeɪnz/ pieces of sth that continue to exist after it has been destroyed or taken away • *He fed the remains of the meal to the dog.* > remain (v), remainder (n) ❖ _____
- 8.65 water cooler** (n) /ˈwɔːtə ˌkuːlə(r)/ a machine that provides cool drinking water • *If you're thirsty, just go to the water cooler for a drink.* ❖ _____
- 8.66 float** (v) /fləʊt/ stay on the surface of the water and not sink to the bottom • *Plastic bags were floating on the water.* ❖ _____

- 8.67 imperative** (n) /ɪm'perətɪv/
a verb form used to give orders • *In the phrase "go away!" the verb "go" is in the imperative form.* ❖ _____
- 8.68 adapt** (v) /ə'dæpt/
change so as to suit different conditions and continue to exist • *All living things have to adapt to changes in their environment.*
> adaptation (n) ❖ _____
- 8.69 hybrid car** (n) /'haɪbrɪd kɑ:(r)/
a car with both a petrol engine and an electric motor • *Hybrid cars don't harm the environment as much as normal cars.*
❖ _____
- 8.70 aluminium** (n) /æljə'mɪniəm/
a light, silver-grey metal • *Our new window frames are made of aluminium.* ❖ _____
- 8.71 flame** (n) /fleɪm/
a hot stream of burning gas from a fire
• *For a moment I saw his face in the flame of the match.* ❖ _____
- 8.72 come into contact with** (expr) /kʌm 'ɪntə 'kɒntækt wɪð/
touch • *You shouldn't let the chemical come into contact with your skin.* ❖ _____
- 8.73 explosion** (n) /ɪk'spləʊʒən/
energy released by a bomb or sth similar
• *There was a gas explosion and three people were injured.* > explode (v), explosive (adj)
❖ _____
- 8.74 mayor** (n) /meə(r)/
the head of the government of a city or town
• *The new mayor stated that his first priority was to clean up the city.* ❖ _____

Listening Page 94

- 8.75 function** (n) /'fʌŋkʃn/
the purpose of sth • *What is the function of these lights on the front of the machine?*
❖ _____
- 8.76 admit** (v) /əd'mɪt/
say that you have done sth wrong
• *She admitted that she had been rude.*
> admission (n) ❖ _____
- 8.77 enquire** (v) /ɪn'kwaɪə(r)/
ask for information • *I called the shop to enquire about the discounts they were advertising.* > enquiry (n) ❖ _____
📎 Syn: inquire
- 8.78 seek** (v) /si:k/
ask for • *I think you should seek the advice of a lawyer.* ❖ _____
- 8.79 warn** (v) /wɔ:n/
tell sb about possible dangers or problems in the future • *The doctor warned him of the risk, but he didn't listen.* ❖ _____

- 8.80 recycling bin** (n) /,rɪ:'saɪklɪŋ bɪn/
a box in which you put things that will be recycled • *Can you put these old magazines in the recycling bin?* ❖ _____
- 8.81 solar panel** (n) /,səʊlə 'pænl/
a piece of equipment, usually on the roof of a building, that collects energy from the sun and produces electricity • *We have a solar panel to power our central heating.* ❖ _____
- 8.82 double** (v) /'dʌbl/
become twice as much or as many
• *The town's population has doubled in the last three years.* ❖ _____
- 8.83 discourage** (v) /dɪ'skʌrɪdʒ/
try to prevent sb from doing sth • *I tried to discourage them from using plastic.*
> discouragement (n) ❖ _____
📎 Opp: encourage
- 8.84 prohibit** (v) /prə'hɪbɪt/
refuse to let sth happen • *Smoking is prohibited in restaurants.* > prohibition (n)
❖ _____ 📎 Syn: forbid, Opp: allow
- 8.85 remind** (v) /rɪ'maɪnd/
help sb remember sth • *Can you please remind me to call my mother before I leave?*
> reminder (n) ❖ _____

LOOK!

The verb *remind* can be used in different ways with a slight change in meaning:

- *He reminded me **of** my father.* (= he had similarities that made me think about my father)
- *She reminded me **about** the report I had to do.* (= she didn't let me forget)
- *Can I remind you **that** your flight is in two hours?* (= let me help you remember)
- *Please remind me **to** call him later.* (= help me remember to do sth)

Speaking Page 95

- 8.86 local council** (n) /,ləʊkl 'kaʊnsl/
the local government of a town, city or larger area • *Local councils are responsible for libraries and transport, among other things.*
❖ _____
- 8.87 waste** (v) /weɪst/
use more of sth than is necessary or use sth badly • *You're wasting your time talking to him – he never listens to anyone.* > waste (n), wasteful (adj) ❖ _____
- 8.88 in practice** (phr) /ɪn 'præktɪs/
in reality • *I understand what you're planning to do, but in practice it's never going to work.*
❖ _____

- 8.89 **reasonable** (adj) /'ri:zənəbl/
acceptable and appropriate • *Please try to complete your project within a reasonable time.* ❖ _____
- 8.90 **instantly** (adv) /'ɪnstəntli/
immediately • *A computer can instantly access information on its hard drive.* ❖ _____
- 8.91 **lengthy** (adj) /'leŋθi/
that lasts a long time • *It was a very lengthy speech and the audience were bored.*
➤ length (n), lengthen (v) ❖ _____
- 8.92 **single-use** (adj) /,sɪŋgl 'ju:s/
that can be used once and then should be thrown away • *Single-use plastic cups are bad for the environment.* ❖ _____
- 8.93 **be a question of** (phr) /bi ə 'kwɛstʃən əv/
what the most important issue of a situation is • *There's no doubt water levels are rising. It's a question of how much they rise each year.*
❖ _____
- 8.94 **in the long term** (phr) /ɪn ðə ,lɒŋ 'tɜ:m/
a long time in the future • *It looks like a good idea, but we don't know how effective it will be in the long term.* ❖ _____

Grammar Page 96

- 8.95 **ozone layer** (n) /'əʊzəʊn ,leɪə(r)/
part of the Earth's atmosphere containing ozone which protects us from harmful radiation • *The holes in the ozone layer can speed up the process of global warming.* ❖ _____
- 8.96 **ultraviolet light** (n) /,ʌltrə'vaɪələt laɪt/
(UV) a type of invisible light that causes the skin to turn darker • *You should use sun cream to protect your skin from ultraviolet light.*
❖ _____
- 8.97 **provided (that)** (conj) /prə'vaɪdɪd (ðæt)/
only if • *We can go tomorrow provided that the weather is still good.* ❖ _____
- 8.98 **providing (that)** (conj) /prə'vaɪdɪŋ (ðæt)/
only if • *They'll lend you the money providing that you pay it back.* ❖ _____
- 8.99 **supposing (that)** (conj) /sə'pəʊzɪŋ (ðæt)/
if or what if • *Supposing you saw a bear in the street, what would you do?* ❖ _____
- 8.100 **suppose (that)** (conj) /sə'pəʊz (ðæt)/
if or what if • *Suppose he refuses, what will you do?* ❖ _____
- 8.101 **otherwise** (adv) /'lðəwaɪz/
if that doesn't/didn't happen; if the situation is/was different • *We'd better hurry up, otherwise we'll miss our plane.* ❖ _____
- 8.102 **permit** (n) /'pɜ:mɪt/
an official document that gives you the right to do sth • *I'm afraid you can't get a job in the USA as you don't have a work permit.*
➤ permit (v), permission (n) ❖ _____

Use your English Page 97

- 8.103 **put up with** (phr v) /pʊt ʌp wɪð/
accept sb/sth that is unpleasant or annoying without complaining • *I'm not going to put up with his rude behaviour any longer.*
❖ _____
- 8.104 **convenience** (n) /kən'vi:niəns/
the state of being useful and easy • *The abbreviations are explained on each page for convenience.* ➤ convenient (adj)
❖ _____
- 8.105 **slow (sth/sb) down** (phr v) /sləʊ ('sʌmθɪŋ/ 'sʌmbədi) daʊn/
make sth/sb become slower • *He's moving too fast – someone needs to slow him down.*
❖ _____
- 8.106 **add to** (phr v) /æd tə/
increase • *The terrible weather only added to the problems we were already having.*
❖ _____
- 8.107 **soak (sth) up** (phr v) /səʊk ('sʌmθɪŋ) ʌp/
take in and hold (a liquid) • *You can use this dishcloth to soak up the water that you've spilt.*
❖ _____
- 8.108 **cut (sth) down** (phr v) /kʌt ('sʌmθɪŋ) daʊn/
cut and make a tree or other plant fall to the ground • *They are cutting down the whole forest to build a new hotel.* ❖ _____
- 8.109 **put an end to** (expr) /pʊt ən end tə/
make sth stop • *Why don't you just tell the truth and put an end to all those rumours?*
❖ _____
- 8.110 **tackle** (v) /'tækəl/
try to deal with • *I know it's a difficult situation, but we're going to try and tackle it as well as we can.* ❖ _____
- 8.111 **do my bit** (expr) /du: maɪ bɪt/
do your share of work • *If everyone does their bit, we can finish the job by tomorrow.*
❖ _____
- 8.112 **take action** (expr) /teɪk 'ækʃən/
do something to help a situation • *If you really care about the environment, you need to take action, not just sit there and talk about it.*
❖ _____
- 8.113 **ecosystem** (n) /'i:kəʊsɪstəm/
all the living things in an area together with their environment • *Cutting down those trees will harm the forest ecosystem.* ❖ _____
- 8.114 **collapse** (v) /kə'læps/
suddenly fail and/or stop existing • *The market collapsed because of the war.* ➤ collapse (n)
❖ _____
- 8.115 **decline** (n) /dɪ'klaɪn/
a continual decrease • *The figures show a sharp decline in sales this year.* ➤ decline (v)
❖ _____

8.116 destructive (adj) /dɪ'strʌktɪv/
causing damage • *His attitude is unhelpful and destructive.* > destroy (v), destruction (n)
❖ _____

Phrasal verbs

add to	heat up	soak up
build up	put up with	use up
cut down	result in	
die out	slow down	

Writing Pages 98–99

8.117 prefix (n) /'pri:fɪks/
one or more letters that you can add to the beginning of a word to change its meaning • *In the word 'unable', 'un' is a prefix.*
❖ _____

8.118 suffix (n) /'sʌfɪks/
one or more letters that you can add to the end of a word to make a new word • *You can add the suffix '-ly' to most adjectives to make an adverb.* ❖ _____


8.119 punctuation (n) /ˌpʌŋktʃu'eɪʃn/
special symbols you use when you are writing, such as the comma and the full stop • *The most common punctuation marks are commas and full stops.* > punctuate (v) ❖ _____

8.120 apostrophe (n) /ə'pɒstrəfɪ/
the punctuation mark ' as in *he's* or *Maria's* • *I'd, with an apostrophe, can mean I had or I would.* ❖ _____

8.121 dump (v) /dʌmp/
get rid of sth especially in an unsuitable place • *The factory continues to dump chemicals into the river.* ❖ _____

8.122 waste (n) /weɪst/
materials that are not needed and are thrown away • *You should put household waste in strong garbage bags before taking it out.*
> waste (v) ❖ _____

8.123 protest (n) /'prəʊtest/
an event where people show their disagreement • *The protest yesterday was peaceful.* > protest (v), protester (n)
❖ _____

8.124 powerless (adj) /'paʊələs/
having no power • *Ordinary people often feel powerless when facing the authorities.*
> power (v, n) ❖ _____  Opp: powerful

8.125 individual (adj) /ˌɪndɪ'vɪdʒuəl/
considered separately from others • *Each individual member of the team had something different to say.* > individual (n), individually (adv) ❖ _____

8.126 sophisticated (adj) /sə'fɪstɪkətɪd/
clever and complicated • *The museum has a very sophisticated security system.*
> sophistication (n) ❖ _____

Video Page 100

8.127 melt (v) /melt/
turn into liquid • *The sun came out and the snow soon melted.* ❖ _____

8.128 glacier (n) /'glæsiə(r)/
a large, slow-moving mass of ice • *There are glaciers near the North and the South Pole, but also on some high mountains.* ❖ _____

8.129 iceberg (n) /'aɪsbɜ:g/
a very large mass of ice floating in the sea • *The ship had to change course to avoid colliding with an iceberg.* ❖ _____

8.130 ice sheet (n) /'aɪs ʃi:t/
a layer of ice that has covered an area of land for a long time • *Scientists have discovered ancient bacteria under the East Antarctic ice sheet.* ❖ _____

8.131 asthma (n) /'æsmə/
a medical condition that makes it difficult to breathe • *Air pollution can make asthma worse.* ❖ _____

8.132 drought (n) /draʊt/
a long period of no rain • *The drought harmed the crops severely.* ❖ _____

8.133 vapour (n) /'veɪpə(r)/
gas that results from heating a liquid • *Both clouds and fog consist of water vapour.*
❖ _____

8.134 methane (n) /'mi:θeɪn/
a gas without colour or smell that burns easily • *Methane is one of the gases responsible for the greenhouse effect.* ❖ _____

8.135 revolution (n) /ˌrevə'lʊ:ʃn/
an important change in the way people do things • *The technological revolution has completely changed the workplace.*
> revolutionary (adj) ❖ _____

8.136 fluctuate (v) /'flʌktʃueɪt/
change continuously between one thing or level and another • *Accommodation prices fluctuate depending on the season.*
❖ _____

8.137 smog (n) /smɒg/
a type of air pollution that looks like a mixture of smoke and fog • *Smog is very common in big cities.* ❖ _____

8.138 alarming (adj) /ə'lɑ:mɪŋ/
causing worry and fear • *There has been an alarming increase in crime recently.*
❖ _____