**8** A changing world

**Glossary**

**Page 89**

* 1. **wildfire** (n) /ˈwaɪldfaɪə(r)/

a fire in the countryside that is burning out of control ● *The wildfire has completely destroyed the forest.* ❖ das Buschfeuer

* 1. **consequence** (n) /ˈkɒnsɪkwəns/

a result of an action or situation, usually a bad one ● *If we continue destroying the environment, we will have to suffer the*

*consequences.* ❖ die Folge, die Konsequenz

Reading **Pages 90–91**

* 1. **effect** (n) /ɪˈfekt/

a result of sth ● *You should protect your skin against the harmful effects of the sun.* ➣ effective (adj), effectively (adv) ❖ die Wirkung, die Auswirkung

**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.
  1. **climate change** (n) /ˈklaɪmət ˌtʃeɪndʒ/ 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.*
     + der Klimawandel
  2. **carbon emissions** (n pl) /ˈkɑːbən iˌmɪʃənz/ carbon dioxide produced by cars, planes, factories, etc. that harms the environment
* *Rich countries should take more measures to reduce carbon emissions.*
  + - die Kohlenstoffemissionen (plural)
  1. **fossil fuel** (n) /ˈfɒsl ˌfjuːəl/

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.* ❖ der fossile Brennstoff

* 1. **fuel** (n) /ˈfjuːəl/

a substance that we burn to provide heat or power ● *The plane had to land because it was running out of fuel.* ➣ fuel (v) ❖ der Kraftstoff

* 1. **vegan** (adj) /ˈviːɡən/

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) ❖ veganer/e/es

* 1. **green** (adj) /gri:n/

related to the protection of the environment

* *Vegans are very interested in green issues.*
  + - grüner/e/es, umweltfreundlicher/e/es
  1. **loss** (n) /lɒs/

the state of having lost sth ● *Weight loss can be a sign of health problems.* ➣ lose (v)

* + - der Verlust
  1. **habitat** (n) /ˈhæbɪtæt/

the natural environment of an animal or plant

* *Tropical forests are the natural habitat of many animals that are in danger of extinction.*
  + - der Lebensraum
  1. **alternative** (n) /ɒlˈtɜːnətɪv/

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)

* + - die Alternative
  1. **solar** (adj) /ˈsəʊlə(r)/

of the sun or from the sun ● *We have installed a solar water heater.* ❖ Solar-, Sonnen-

* 1. **release** (v) /rɪˈliːs/

let sth spread into the atmosphere

* *The accident released a dangerous amount of radioactivity into the atmosphere.*

➣ release (n) ❖ freisetzen

* 1. **coal** (n) /kəʊl/

a hard black substance that you burn to produce heat or power ● *Can you put some more coal on the fire?* ❖ die Kohle

* 1. **oil** (n) /ɔɪl/

petroleum ● *Oil companies are obviously against solar power.* ❖ das Öl

* 1. **associate** (v) /əˈsəʊsieɪt/

make a connection in your mind ● *I always associate the smell of fresh bread with my grandmother.* ➣ association (n)

* + - verbinden
  1. **pessimistic** (adj) /ˌpesɪˈmɪstɪk/

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) ❖ pessimistischer/e/es ✎ Opp: optimistic

* 1. **overwhelmed** (adj) /ˌəʊvəˈwelmd/

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) ❖ überschütteter/e/es, überfluteter/e/es

* 1. **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.* ❖ mein Bestes geben

* 1. **consume** (v) /kənˈsjuːm/

use (fuel, energy, time) ● *It’s a very expensive car to run – it consumes a lot of fuel.*

➣ consumption (n), consumer (n), consumerism (n) ❖ verbrauchen

* 1. **renewable** (adj) /rɪˈnjuːəbl/

that can be used and easily replaced ● *The arrangement lasts for a year and is renewable for another year.* ❖ erneuerbarer/e/es

* 1. **renewable energy** (n) /rɪˈnjuːəbl ˈenədʒi/ 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.* ❖ die erneuerbare Energie
  2. **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.* ❖ die Windkraft
  1. **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.* ❖ das Ausmaß

* 1. **dramatically** (adv) /drəˈmætɪkəli/

suddenly and obviously ● *House prices in the city centre have increased dramatically.*

➣ dramatic (adj) ❖ drastisch

* 1. **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)

* + - der Anteil
  1. **represent** (v) /ˌreprɪˈzent/

be, be equal to ● *These suggestions represent a change in our approach.* ➣ representation

(n) ❖ darstellen, bedeuten

* 1. **agriculture** (n) /ˈæɡrɪkʌltʃə(r)/

farming ● *The country’s economy depends on agriculture rather than technology.*

* + - die Landwirtschaft
  1. **figure** (n) /ˈfɪɡə(r)/

a number ● *I’ve added the latest costs and these are the final figures.* ❖ die Zahl

* 1. **use (sth) up** (phr v) /ju:z (ˈsʌmθɪŋ) 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.* ❖ (etw.) aufbrauchen

* 1. **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.* ❖ die Steuer

* 1. **authentic** (adj) /ɔːˈθentɪk/

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!*

* + - authentischer/e/es
  1. **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) ❖ antreiben, betreiben

* 1. **in (sb’s) hands** (expr) /ɪn (ˈsʌmbədiz) hændz/ controlled or taken care of by sb ● *The matter is no longer in my hands, I have no responsibility for it.* ❖ in (jmds.) Händen
  2. **species** (n) /ˈspiːʃiːz/

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.* ❖ die Art

* 1. **vegetarian** (adj) /ˌvedʒɪˈteəriən/

not eating meat or not including meat ● *It’s a vegetarian restaurant so they don’t serve meat.* ➣ vegetarian (n) ❖ vegetarischer/e/es

Vocabulary **Page 92**

* 1. **nature reserve** (n) /ˈneɪtʃə rɪˌzɜːv/

an area where wild animals can live and be protected ● *The island is a nature reserve, where seals can live in peace.*

* + - das Naturschutzgebiet
  1. **endangered** (adj) /ɪnˈdeɪndʒəd/

in danger of extinction ● *Many species of sea turtle are now endangered.* ➣ endanger (v)

* + - vom Aussterben bedrohter/e/es
  1. **resource** (n) /rɪˈzɔːs/

sth that you have and can use

* *Water resources on the island are limited.*
  + - die Ressource, die Rohstoffquelle
  1. **gas** (n) /ɡæs/

a substance in a form like air ● *Air is actually a mixture of gases.* ❖ das Gas

* 1. **atmosphere** (n) /ˈætməsfɪə(r)/

the mixture of gases around the Earth ● *The atmosphere of many cities in Asia is polluted.*

➣ atmospheric (adj) ❖ die Atmosphäre

* 1. **generate** (v) /ˈdʒenəreɪt/

produce or create ● *The program can generate images based on your instructions.*

➣ generation (n) ❖ generieren, erzeugen

* 1. **source** (n) /sɔːs/

the place that something comes from ● *Oranges are a great source of vitamin C.* ❖ die Quelle

* 1. **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) ❖ die Bedrohung, die Gefahr

* 1. **global warming** (n) /ˌɡləʊbl ˈwɔːmɪŋ/ the increase in world temperatures that

gases like carbon dioxide are causing ● *The disastrous effects of global warming are not yet fully known.* ❖ die globale Erwärmung

* 1. **organic** (adj) /ɔːˈɡænɪk/

grown without using chemicals ● *Organic food is certainly more expensive, but it is much healthier.* ❖ biologischer/e/es, Bio-

* 1. **surround** (v) /səˈraʊnd/

be everywhere around sth ● *Tall buildings surround the town square.* ➣ surroundings (n pl) ❖ umgeben, umschließen

* 1. **solid** (adj) /ˈsɒlɪd/

hard, not in the form of liquid or gas ● *Ice is water in its solid state.* ➣ solid (n)

* + - fester/e/es
  1. **liquid** (adj) /ˈlɪkwɪd/

in a form like water, that you can easily pour

* *Mercury is a liquid metal.* ➣ liquid (n)
  + - flüssiger/e/es
  1. **coast** (n) /kəʊst/

the land next to the sea ● *The town is built on the Mediterranean coast.* ➣ coastal (adj)

* + - die Küste
  1. **introduce** (v) /ˌɪntrəˈdʒuːs/

put sth into use for the first time ● *They have introduced a new method for measuring energy consumption.* ➣ introduction (n)

* + - einführen
  1. **mass** (adj) /mæs/

involving a large number ● *The government’s measures led to mass unemployment.*

➣ mass (n), massive (adj) ❖ massenhafter/e/ es, Massen-

* 1. **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) ❖ die Ökologie

* 1. **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.* ❖ das Kohlendioxid

* 1. **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.* ❖ die CO2-Bilanz

* 1. **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.* ❖ das Treibhausgas
  1. **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.*

* + - aufheizen
  1. **greenhouse effect** (n) /ˈɡriːnhaʊs ɪˌfekt/ 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.*

* + - der Treibhauseffekt
  1. **build up** (phr v) /bɪld ʌp/

increase in quantity ● *The pressure built up until he could no longer take it and he fell ill.*

* + - sich aufschaukeln
  1. **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) ❖ fangen

* 1. **contribute** (v) /kənˈtrɪbjuːt/

be one of the reasons why sth happens

* *Stress certainly contributes to the development of the disease.* ➣ contribution (n)
  + - beitragen

**Climate crisis**

carbon emissions carbon footprint climate change fossil fuel

global warming

greenhouse effect greenhouse gas renewable energy solar power

wind power

Grammar **Page 93**

* 1. **reusable** (adj) /ˌriːˈjuːzəbəl/

that can be used again ● *I’ve got a reusable water bottle made of glass.*

* + - wiederverwendbarer/e/es
  1. **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) ❖ die Reste (plural)

* 1. **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.* ❖ der Wasserspender
  1. **float** (v) /fləʊt/

stay on the surface of the water and not sink to the bottom ● *Plastic bags were floating on the water.* ❖ treiben

* 1. **imperative** (n) /ɪmˈperətɪv/

a verb form used to give orders ● *In the phrase “go away!” the verb “go” is in the imperative form.* ❖ der Imperativ

* 1. **adapt** (v) /əˈdæpt/

change so as to suit different conditions and continue to exist ● *All living things have to adapt to changes in their environment.*

➣ adaptation (n) ❖ sich anpassen

* 1. **hybrid car** (n) /ˈhaɪbrɪd 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.*

* + - das Hybridauto
  1. **aluminium** (n) /æljəˈmɪniəm/

a light, silver-grey metal ● *Our new window frames are made of aluminium.*

* + - das Aluminium
  1. **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.* ❖ die Flamme
  1. **come into contact with** (expr) /kʌm ˈɪntə

ˈkɒntækt wɪð/

touch ● *You shouldn’t let the chemical come into contact with your skin.* ❖ an etw. kommen, etw. berühren

* 1. **explosion** (n) /ɪkˈspləʊʒən/

energy released by a bomb or sth similar

* *There was a gas explosion and three people were injured.* ➣ explode (v), explosive (adj)
  + - die Explosion
  1. **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.* ❖ der/die Bürgermeister/-in

Listening **Page 94**

* 1. **function** (n) /ˈfʌŋkʃn/

the purpose of sth ● *What is the function of these lights on the front of the machine?*

* + - die Funktion
  1. **admit** (v) /ədˈmɪt/

say that you have done sth wrong

* *She admitted that she had been rude.*

➣ admission (n) ❖ zugeben, eingestehen

* 1. **enquire** (v) /ɪnˈkwaɪə(r)/

ask for information ● *I called the shop to enquire about the discounts they were advertising.* ➣ enquiry (n) ❖ sich informieren

✎ Syn: inquire

* 1. **seek** (v) /siːk/

ask for ● *I think you should seek the advice of a lawyer.* ❖ aufsuchen

* 1. **warn** (v) /wɔːn/

tell sb about possible dangers or problems in the future ● *The doctor warned him of the risk, but he didn’t listen.* ❖ warnen

* 1. **recycling bin** (n) /ˌriːˈsaɪklɪŋ bɪn/

a box in which you put things that will be recycled ● *Can you put these old magazines in the recycling bin?* ❖ die Recyclingtonne

* 1. **solar panel** (n) /ˌsəʊlə ˈpænl/

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.* ❖ das Solarmodul

* 1. **double** (v) /ˈdʌbl/

become twice as much or as many

* *The town’s population has doubled in the last three years.* ❖ verdoppeln
  1. **discourage** (v) /dɪˈskʌrɪdʒ/

try to prevent sb from doing sth ● *I tried to discourage them from using plastic.*

➣ discouragement (n) ❖ jdn. von etw. abbringen

✎ Opp: encourage

* 1. **prohibit** (v) /prəˈhɪbɪt/

refuse to let sth happen ● *Smoking is prohibited in restaurants.* ➣ prohibition (n)

* + - verbieten ✎ Syn: forbid, Opp: allow
  1. **remind** (v) /rɪˈmaɪnd/

help sb remember sth ● *Can you please remind me to call my mother before I leave?*

➣ reminder (n) ❖ erinnern

**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**

* 1. **local council** (n) /ˌləʊkl ˈkaʊnsl/

the local government of a town, city or larger area ● *Local councils are responsible for libraries and transport, among other things.*

* + - der Gemeinderat
  1. **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) ❖ verschwenden

* 1. **in practice** (phr) /ɪn ˈpræktɪs/

in reality ● *I understand what you’re planning to do, but in practice it’s never going to work.*

* + - in der Praxis
  1. **reasonable** (adj) /ˈriːzənəbl/

acceptable and appropriate ● *Please try to complete your project within a reasonable time.* ❖ angemessener/e/es

✎ Opp: unreasonable

* 1. **instantly** (adv) /ˈɪnstəntli/

immediately ● *A computer can instantly access information on its hard drive.* ❖ umgehend

* 1. **lengthy** (adj) /ˈleŋθi/

that lasts a long time ● *It was a very lengthy speech and the audience were bored.*

➣ length (n), lengthen (v) ❖ langatmiger/e/es

* 1. **single-use** (adj) /ˌsɪŋɡl ˈjuːs/

that can be used once and then should be thrown away ● *Single-use plastic cups are bad for the environment.* ❖ Einweg-

* 1. **be a question of** (phr) /bi ə ˈkwestʃən 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.*
  + - eine Frage von etw. sein
  1. **in the long term** (phr) /ɪn ðə ˌlɒŋ ˈtɜːm/

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.* ❖ auf lange Sicht

Grammar **Page 96**

* 1. **ozone layer** (n) /ˈəʊzəʊn ˌleɪə(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.* ❖ die Ozonschicht
  1. **ultraviolet light** (n) /ˌʌltrəˈvaɪələt 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.*

* + - das ultraviolette Licht
  1. **provided (that)** (conj) /prəˈvaɪdɪd (ðæt)/

only if ● *We can go tomorrow provided that the weather is still good.* ❖ vorausgesetzt (dass)

* 1. **providing (that)** (conj) /prəˈvaɪdɪŋ (ðæt)/ only if ● *They’ll lend you the money providing that you pay it back.* ❖ sofern
  2. **supposing (that)** (conj) /səˈpəʊzɪŋ (ðæt)/

if or what if ● *Supposing you saw a bear in the street, what would you do?* ❖ angenommen (dass)

* 1. **suppose (that)** (conj) /səˈpəʊz (ðæt)/

if or what if ● *Suppose he refuses, what will you do?* ❖ nehmen wir an (dass)

* 1. **otherwise** (adv) /ˈʌðəwaɪz/

if that doesn’t/didn’t happen; if the situation is/was different ● *We’d better hurry up, otherwise we’ll miss our plane.* ❖ sonst

* 1. **permit** (n) /ˈpɜːmɪt/

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) ❖ die Erlaubnis, der Erlaubnisschein

Use your English **Page 97**

* 1. **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.*

* + - sich etw. gefallen lassen, etw. dulden
  1. **convenience** (n) /kənˈviːniəns/

the state of being useful and easy ● *The abbreviations are explained on each page for convenience.* ➣ convenient (adj)

* + - die Bequemlichkeit
  1. **slow (sth/sb) down** (phr v) /sləʊ (ˈsʌmθɪŋ/

ˈsʌmbədi) daʊn/

make sth/sb become slower ● *He’s moving too fast – someone needs to slow him down.*

* + - (etw./jdn.) bremsen
  1. **add to** (phr v) /æd tə/

increase ● *The terrible weather only added to the problems we were already having.*

* + - zu etw. beitragen
  1. **soak (sth) up** (phr v) /səʊk (ˈsʌmθɪŋ) ʌp/ take in and hold (a liquid) ● *You can use this*

*dishcloth to soak up the water that you’ve spilt.*

* + - (etw.) aufsaugen
  1. **cut (sth) down** (phr v) /kʌt (ˈsʌmθɪŋ) 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.* ❖ (etw.) abholzen
  2. **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?*

* + - etw. ein Ende machen
  1. **tackle** (v) /ˈtækl/

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.* ❖ anpacken

* 1. **do my bit** (expr) /du: maɪ bɪt/

do your share of work ● *If everyone does their bit, we can finish the job by tomorrow.*

* + - seinen Teil beitragen
  1. **take action** (expr) /teɪk ˈækʃən/

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.*

* + - Maßnahmen ergreifen
  1. **ecosystem** (n) /ˈiːkəʊˌsɪstəm/

all the living things in an area together with their environment ● *Cutting down those trees will harm the forest ecosystem.* ❖ das Ökosystem, der Naturhaushalt

* 1. **collapse** (v) /kəˈlæps/

suddenly fail and/or stop existing ● *The market collapsed because of the war.* ➣ collapse (n)

* + - einbrechen
  1. **decline** (n) /dɪˈklaɪn/

a continual decrease ● *The figures show a sharp decline in sales this year.* ➣ decline (v)

* + - der Rückgang, die Abnahme
  1. **destructive** (adj) /dɪˈstrʌktɪv/

causing damage ● *His attitude is unhelpful and destructive.* ➣ destroy (v), destruction (n)

* + - zerstörerischer/e/es

**Phrasal verbs**

add to build up cut down die out

heat up put up with result in slow down

soak up use up

Writing **Pages 98–99**

* 1. **prefix** (n) /ˈpriːfɪks/

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.*
  + - die Vorsilbe
  1. **suffix** (n) /ˈsʌfɪks/

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.* ❖ die Nachsilbe

* 1. **punctuation** (n) /ˌpʌŋktʃuˈeɪʃn/

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)

* + - die Zeichensetzung
  1. **apostrophe** (n) /əˈpɒstrəfi/

the punctuation mark’ as in *he’s* or *Maria's*

* I’d*, with an apostrophe, can mean* I had *or* I would*.* ❖ das Apostroph
  1. **dump** (v) /dʌmp/

get rid of sth especially in an unsuitable place

* *The factory continues to dump chemicals into the river.* ❖ abladen, auskippen
  1. **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) ❖ der Müll, der Abfall

* 1. **protest** (n) /ˈprəʊtest/

an event where people show their disagreement ● *The protest yesterday was peaceful.* ➣ protest (v), protester (n)

* + - der Protest
  1. **powerless** (adj) /ˈpaʊələs/

having no power ● *Ordinary people often feel powerless when facing the authorities.*

➣ power (v, n) ❖ machtloser/e/es

✎ Opp: powerful

* 1. **individual** (adj) /ˌɪndɪˈvɪdʒuəl/

considered separately from others ● *Each individual member of the team had something different to say.* ➣ individual (n), individually (adv) ❖ einzelner/e/es

* 1. **sophisticated** (adj) /səˈfɪstɪkeɪtɪd/

clever and complicated ● *The museum has a very sophisticated security system.*

➣ sophistication (n) ❖ ausgeklügelter/e/es

Video **Page 100**

* 1. **melt** (v) /melt/

turn into liquid ● *The sun came out and the snow soon melted.* ❖ schmelzen

* 1. **glacier** (n) /ˈɡlæsiə(r)/

a large, slow-moving mass of ice ● *There are glaciers near the North and the South Pole, but also on some high mountains.* ❖ der Gletscher

* 1. **iceberg** (n) /ˈaɪsbɜːɡ/

a very large mass of ice floating in the sea

* *The ship had to change course to avoid colliding with an iceberg.* ❖ der Eisberg
  1. **ice sheet** (n) /ˈaɪs ʃiːt/

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.* ❖ die Eisdecke

* 1. **asthma** (n) /ˈæsmə/

a medical condition that makes it difficult to breathe ● *Air pollution can make asthma worse.* ❖ das Asthma

* 1. **drought** (n) /draʊt/

a long period of no rain ● *The drought harmed the crops severely.* ❖ die Dürre

* 1. **vapour** (n) /ˈveɪpə(r)/

gas that results from heating a liquid ● *Both clouds and fog consist of water vapour.*

* + - die Ausdünstung, der Dampf
  1. **methane** (n) /ˈmiːθeɪn/

a gas without colour or smell that burns easily

* *Methane is one of the gases responsible for the greenhouse effect.* ❖ das Methangas
  1. **revolution** (n) /ˌrevəˈluːʃn/

an important change in the way people do things ● *The technological revolution has completely changed the workplace.*

➣ revolutionary (adj) ❖ die Revolution

* 1. **fluctuate** (v) /ˈflʌktʃueɪt/

change continuously between one thing or level and another ● *Accommodation prices fluctuate depending on the season.*

* + - schwanken
  1. **smog** (n) /smɒɡ/

a type of air pollution that looks like a mixture of smoke and fog ● *Smog is very common in big cities.* ❖ der Smog

* 1. **alarming** (adj) /əˈlɑːmɪŋ/

causing worry and fear ● *There has been an alarming increase in crime recently.*

* + - alarmierender/e/es