

12 Body and mind

Glossary

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- 12.1 gathering** (n) /'gæðərɪŋ/
a meeting of people with a common interest
• *We're looking forward to a family gathering at New Year.* > gather (v) ❖ das Treffen
- 12.2 similar** (adj) /'sɪmələ(r)/
like sb/sth but not the same • *The two cousins look similar. They both have dark hair and blue eyes.* > similarly (adv), similarity (n)
❖ ähnlicher/e/es ✎ similar to sb/sth

Reading Pages 138–139

- 12.3 organ** (n) /'ɔ:gən/
a part of the body that has a particular function
• *The heart is an essential organ in the body and you cannot live without it.* ❖ das Organ
- 12.4 heart** (n) /hɑ:t/
the organ that sends blood around the body
• *Her heart was beating fast with excitement.*
❖ das Herz
- 12.5 lung** (n) /lʌŋ/
one of the two organs in your chest that you breathe with • *He has got pneumonia and his lungs are in a bad state.* ❖ der Lungenflügel
- 12.6 brain** (n) /breɪn/
the organ in your head that you think with and that controls your body • *Human babies have big brains in relation to their bodies.*
> brainy (adj) ❖ das Gehirn
- 12.7 skin** (n) /skɪn/
the organ that covers the body • *Don't sunbathe for too long as the sun may burn your skin.*
❖ die Haut
- 12.8 bone** (n) /bəʊn/
the hard parts of the body that form the skeleton • *Larry fell off his bike and broke two bones in his foot.* > boney (adj) ❖ der Knochen
- 12.9 weight** (n) /weɪt/
how heavy sb/sth is • *An average male African elephant can grow to a weight of over 6,000 kilos.* > weigh (v) ❖ das Gewicht
- 12.10 weigh** (v) /weɪ/
to have a particular weight; to measure how heavy sb/sth is • *Your brother should eat more. He only weighs 50 kilos.*
> weight (n) ❖ wiegen
- 12.11 on average** (phr) /ɒn 'ævərɪdʒ/
generally • *On average, men are taller than women.* ❖ im Durchschnitt
- 12.12 microscopic** (adj) /maɪkrə'skɒpɪk/
tiny • *The cells in our body are microscopic so you can't see them using just your eyes.*
> microscope (n) ❖ mikroskopisch kleiner/e/es
- 12.13 nerve** (n) /nɜ:v/
the parts of the body that carry signals from the brain to the other organs and to the muscles
• *I damaged a nerve in my arm when I was playing tennis.* > nervous (adj) ❖ der Nerv
- 12.14 cell** (n) /sel/
the smallest part of a living thing • *There are millions of cells in your body.* ❖ die Zelle
- 12.15 neuron** (n) /'nju:ɔ:n/
a cell which is part of the nervous system
• *Without neurons our brains would not function.* ❖ die Nervenzelle
- 12.16 breathe** (v) /bri:ð/
to take air into your lungs and send it out again through your nose or mouth • *Let's go to the countryside tomorrow and breathe some fresh air.* > breath (n) ❖ atmen
- 12.17 blink** (v) /blɪŋk/
to close and open your eyes quickly • *When I came out of the cave, the bright light made me blink.* > blink (n) ❖ blinzeln
- 12.18 make sense of** (phr) /meɪk sens ɒv/
to understand • *I can't make sense of these instructions because they are so badly written!*
❖ (für jdn.) einen Sinn ergeben
- 12.19 race** (v) /reɪs/
to move quickly • *The doctor raced to the emergency room to help a man who had had a heart attack.* > race (n) ❖ hasten
- 12.20 shake off** (phr v) /ʃeɪk ɒf/
to be free of sb/sth that is causing you difficulty
• *There's a fly on your head, so try to shake it off and make it go away.* ❖ abschütteln
- 12.21 sensory** (adj) /'sensəri/
relating to the senses • *The brain receives signals from the sensory organs such as the eyes and the tongue.* > sense, sensor (n)
❖ sensorischer/e/es
- 12.22 light bulb** (n) /laɪt bʌlb/
the glass object inside a lamp that produces light • *I have to change the light bulb in my bedroom.* ❖ die Glühbirne

- 12.23 chemical** (n) /'kemɪkl/
a substance resulting from a reaction between two substances • *There are many chemicals in processed foods so I don't eat them.*
> chemical (adj), chemist (n) ❖ die Chemikalie
- 12.24 solve** (v) /sɒlv/
to find a way to do sth • *Talking to a friend might help you find a way to solve your problem.* > solution (n) ❖ lösen
- 12.25 after all** (phr) /'ɑːftər ɔːl/
used when you are giving a reason or explaining sth • *Don't apologise. After all, it's just a minor accident.* ❖ schließlich
- 12.26 mood** (n) /muːd/
the way you feel at a particular time • *Mum is in a bad mood because she's got a headache.*
> moody (adj) ❖ die Stimmung

- 12.35 sore** (adj) /sɔː(r)/
sth which gives pain because of illness or injury • *I carried some heavy boxes yesterday and now I have a sore back.* > soreness (n)
❖ wunder/e/es
- 12.36 painful** (adj) /'peɪnfl/
causing the feeling that you have been hurt
• *She hit her leg and now it's very painful.*
> painfully (adv), pain (n) ❖ schmerzhafter/es
es ☞ Opp: painless
- 12.37 eyebrow** (n) /'aɪbrəʊ/
the line of hair above your eye • *We show feelings with our eyebrows by moving them up and down.* ❖ die Augenbraue
- 12.38 beard** (n) /'biəd/
hair that grows on a man's cheeks and chin
• *Santa Claus has got a long white beard.*
❖ der Bart
- 12.39 sneeze** (v) /sniːz/
to suddenly blow air out of your nose • *I've had a cold for three days and can't stop sneezing.* > sneeze (n) ❖ niesen
- 12.40 cough** (v) /kɒf/
to force air from your lungs • *Please put your hand in front of your mouth when you cough.*
> cough (n) ❖ husten
- 12.41 right-handed** (adj) /raɪt-'hændɪd/
using your right hand in preference to your left to do things • *I write with my right hand because I'm right-handed.* ❖ Rechtshänder-
☞ Opp: left-handed
- 12.42 automatically** (adv) /ɔːtə'mætɪkli/
without needing sb to do sth to make an action happen • *The lights went on automatically when they entered the house.*
❖ automatisch
- 12.43 swallow** (v) /'swɒləʊ/
when sth goes from your mouth to your stomach • *Drink some water to help you swallow the medicine.* ❖ schlucken
- 12.44 stomach** (n) /'stʌmək/
the organ where food goes when you swallow it • *I must have eaten something bad because my stomach really aches.* ❖ der Magen

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- 12.27 elbow** (n) /'elbəʊ/
the joint that connects the lower part of your arm to the upper part • *I hit my elbow on the table when I stood up and it really hurt.*
❖ der Ellbogen
- 12.28 heel** (n) /hiːl/
the back part of your foot • *These new trainers rub against my heels and hurt my feet when I'm running.* ❖ die Ferse
- 12.29 lip** (n) /lɪp/
one of the two soft edges on the outside of your mouth • *She lifted the water bottle to her lips and took a drink.* ❖ die Lippe
- 12.30 shoulder** (n) /'ʃəʊldə(r)/
the part of your body between the top of your arm and your neck • *He hurt his shoulder playing basketball.* ❖ die Schulter
- 12.31 thumb** (n) /θʌm/
the short, thick finger on the side of your hand
• *Humans can pick things up and hold them because they have fingers and thumbs.*
❖ der Daumen
- 12.32 toe** (n) /təʊ/
one of the five parts like small fingers on the end of your foot • *I hit my foot on the leg of the table and I almost broke my big toe.*
❖ der Zeh
- 12.33 chin** (n) /tʃɪn/
the part of your face under your mouth • *Dad has grown a short beard on his chin and my mum doesn't like it.* ❖ das Kinn
- 12.34 forehead** (n) /'fɔːhed/
the part of your head between your eyes and your hair • *Dad rubbed his forehead while he was thinking.* ❖ die Stirn


Parts of the face

beard	eyebrow	lip
chin	forehead	

Parts of the body

bone	lung	skin
brain	nerve	stomach
cell	neuron	thumb
collar bone	organ	toe
elbow	shoulder	
heart	skeleton	

Grammar Page 141

- 12.45 straw hat** (n) /'strɔː hæʔ/ a hat made from dried stems of wheat or other plants • *She wore a large straw hat to protect her head from the sun.* ❖ der Strohhut
- 12.46 gorgeous** (adj) /'gɔːdʒəs/ very attractive • *You look gorgeous in that red dress.* ❖ umwerfender/e/es
- 12.47 rollercoaster** (n) /'rɒləkəʊstə(r)/ a track with very steep slopes, which people ride on in a small train at amusement parks • *Janine got scared on the rollercoaster because she hates going really fast.* ❖ die Achterbahn
- 12.48 funfair** (n) /'fʌnfɛə(r)/ an area with organised fun rides and games • *They love going to the funfair and especially going on the rollercoaster.* ❖ die Kirmes
- 12.49 healthily** (adv) /'helθɪli/ in a way that is good for sb's health • *I've started eating more healthily by having less bread and more fresh fruit.* > health (n), healthy (adj) ❖ gesund  Opp: unhealthily
- 12.50 webinar** (n) /'webɪnɑː(r)/ an online class or meeting for a small group of people • *The university is holding a webinar for science teachers next week.* ❖ das Webinar

Listening Page 142

- 12.51 step** (v) /step/ to lift your foot and move it to put it down in another place • *My boots were dirty because I stepped in some mud.* > step (n) ❖ treten
- 12.52 nail** (n) /neɪl/ a thin piece of metal with a sharp point at one end, used to join things together • *She put a nail in the wall to hang a painting on it.* > nail (v) ❖ der Nagel
- 12.53 disability** (n) /dɪsə'bɪlɪti/ an illness or injury of the body • *The Paralympics are an inspirational sports event for people with disabilities.* > disabled (adj) ❖ die Behinderung

Speaking Page 143

- 12.54 lifestyle** (n) /'laɪfstɑɪl/ the way that you choose to live • *People in central Africa have a different lifestyle from those in Europe because the weather is hotter.* ❖ der Lebensstil

- 12.55 baking** (n) /'beɪkɪŋ/ preparing food and then cooking it in an oven • *Christina enjoys baking and she makes bread for all her family and friends.* > bake (v), baker (n) ❖ das Backen
- 12.56 diet** (n) /'daɪət/ the food you normally eat and drink • *A diet rich in vegetables, fruit and olive oil is good for you.* > diet (v) ❖ die Ernährung


Vocabulary Page 144

- 12.57 recover** (v) /rɪ'kʌvə/ get better from an illness • *Luke has recovered from his bad cold and now he feels much better.* > recovery (n) ❖ genesen
- 12.58 tablet** (n) /'tæblɪt/ a pill • *If you have a headache, take two of these tablets and it will go away.* ❖ die Tablette

LOOK!

The word **tablet** has two meanings.

- *The doctor told me to take two **tablets** a day.* (= pill, medicine)
- *She checks her emails on her **tablet** while she's on the train.* (= a small, flat computer that is controlled by touching the screen)

- 12.59 injury** (n) /ɪndʒəri/ damage to part of a person's or an animal's body caused by an accident or attack • *He had a car accident, but luckily his injuries weren't serious.* > injure (v) ❖ die Verletzung
- 12.60 operation** (n) /ɒpə'reɪʃn/ cutting into sb's body to repair a part or remove it • *Nancy has broken her arm badly in three places and she needs an operation to fix it.* > operate (v) ❖ die Operation
- 12.61 illness** (n) /'ɪlnɪs/ a disease • *Cancer is a very serious illness.* > ill (adj) ❖ die Krankheit
- 12.62 prescription** (n) /prɪ'skrɪpʃn/ a piece of paper which a doctor writes saying what medicine sb needs so that they can get it from a pharmacist • *Sally had a throat infection, so the doctor gave her a prescription for some tablets.* > prescribe (v) ❖ das Rezept
- 12.63 pharmacy** (n) /'fɑːməsi/ a shop where you can buy medicines • *Judy bought some sunscreen from the pharmacy.* > pharmacist (n) ❖ die Apotheke  Syn: chemist's
- 12.64 earache** (n) /'ɪərəɪk/ a pain in the ear • *You should contact the doctor tomorrow if the earache continues.* ❖ (die) Ohrenschmerzen (plural)

- 12.65 flu** (n) /fluː/
an illness that makes you feel tired and weak, makes you cough and gives you a sore throat
• *If you've got the flu, you should stay in bed.*
❖ die Grippe 📖 NB: *flu* is the abbreviated form of *influenza*
- 12.66 injured** (adj) /'ɪndʒəd/
hurt • *The climber needed help to get down the mountain because of his injured ankle.*
> injury (n), injure (v) ❖ verletzt(er)/e/es
- 12.67 sore throat** (n) /sɔː θrəʊt/
when the area at the back of your mouth and inside your neck hurts • *A spoonful of honey might help your sore throat go away.*
❖ (die) Halsschmerzen (plural)
- 12.68 lose weight** (phr) /luːz weɪt/
to have less weight than before • *Dana lost a lot of weight when she was ill and couldn't eat.*
❖ abnehmen
- 12.69 put on weight** (phr) /pʊt ɒn weɪt/
to become heavier than before • *Sotiria is putting on weight because she's going to have a baby soon.* ❖ zunehmen
- 12.70 catch a cold** (phr) /kætʃ ə kəʊld/
to get an illness that affects the nose and throat with coughing or sneezing • *I can't stop sneezing! I think I've caught a cold.*
❖ sich erkälten
- 12.71 go on a diet** (phr) /gəʊ ɒn ə 'daɪət/
to eat less food or different food in order to lose weight • *He went on a diet and lost six kilos.* ❖ eine Diät machen
- 12.72 keep fit** (phr) /kiːp fɪt/
to do exercise to stay fit • *Martha goes to ballet lessons to keep fit.* ❖ fit bleiben
- 12.73 ambulance** (n) /'æmbjələns/
a vehicle that takes injured or sick people to hospital • *Someone called an ambulance to take the injured person to hospital.*
❖ der Krankenwagen

Injuries and illnesses

ambulance	operation
disability	pharmacy
earache	prescription
flu	recover
illness	sore throat
injured	tablet
injury	

Expressions

catch a cold	lose weight
do meditation	make sense of
go on a diet	put on weight
keep fit	

Grammar Page 145

- 12.74 collarbone** (n) /'kɒlə bæʊn/
one of the pair of bones that go from the bottom part of your neck to your shoulders
• *He broke his collarbone playing rugby.*
❖ das Schlüsselbein

Writing Pages 146–147

- 12.75 recipe** (n) /'resəpi/
instructions for how to cook sth • *Can you give me your recipe for chocolate cake?*
❖ das Rezept
- 12.76 summarise** (v) /'sʌməraɪz/
say in a few words • *In the last paragraph of your composition, you should summarise your main ideas in a few words.* > summary (n)
❖ zusammenfassen
- 12.77 awake** (adj) /ə'weɪk/
not sleeping • *I got up early this morning, so I've been awake since 6 a.m.* > awaken (v)
❖ wacher/e/es
- 12.78 routine** (n) /ruː'tiːn/
a pattern of doing the same things regularly
• *His daily routine includes doing his homework after lunch and finishing it before dinner.* ❖ die Routine
- 12.79 meditation** (n) /,medɪ'teɪʃn/
the act of focussing your thoughts in a quiet place to clear your mind and relax • *He sat looking at the sea for a few minutes and did some meditation to calm his mind.*
> meditate (v), meditative (adj) ❖ die Meditation

Video Page 148

- 12.80 uncomfortable** (adj) /ʌn'kʌmfɪtəbl/
not feeling physically or mentally relaxed
• *He felt uncomfortable about speaking in an oral exam for the first time.* ❖ unwohler/e/es
📖 Opp: comfortable
- 12.81 privilege** (n) /'prɪvɪlɪdʒ/
a special advantage • *In the past, education was a privilege for the rich only.*
> privileged (adj) ❖ das Privileg
- 12.82 rank** (n) /ræŋk/
the position of sb in an organisation or in society based on importance • *She had good experience and qualifications, so she was given a high rank in the army.* > rank (v)
❖ der Rang, der Grad

12.83 specific (adj) /spə'sɪfɪk/
particular • *There are specific instructions to follow for this recipe.* > specify (v), specification (n), specifically (adv)
❖ spezieller/e/es

12.84 struggle (n) /'strʌgl/
something very difficult to do • *It was a struggle to get into university, but he managed it.*
> struggle (v) ❖ der Kampf

12.85 position (n) /pə'zɪʃn/
a job or social level • *He worked in the company for years before reaching the position of manager.* ❖ die Position

12.86 powerful (adj) /'paʊəfʊl/
very strong • *A dog's powerful sense of smell helps it find illegal objects in people's luggage.*
> powerfully (adv), power (n)
❖ leistungsfähiger/e/es