**4** Technological wonders

**Glossary**

# Page 41

* 1. **wonder** (n) /ˈwʌndə(r)/

sth that makes you feel surprise and admiration ● *The Statue of Zeus at Olympia was one of the Seven Wonders of the World.*

➣ wonderful (adj), wonder (v) ❖ das Wunder

* 1. **bionic** (adj) /baɪˈɒn.ɪk/

technology that causes a non-living object to move ● *The bionic dog could walk and bark just like a real one.* ❖ bionischer/e/es

Reading **Pages 42–43**

* 1. **telescope** (n) /ˈtelɪskəʊp/

a piece of equipment like a long metal tube you look through to see distant things as if they were closer ● *The bird’s nest was so far away that I had to use a telescope to see it.*

➣ telescopic (adj) ❖ das Teleskop

* 1. **solar system** (n) /ˈsəʊlə ˈsɪstəm/

planets around a sun ● *Earth is the only inhabited planet in our solar system.* ❖ das Sonnensystem

* 1. **asteroid** (n) /ˈæstərɔɪd/

a large rock or small planet that orbits a sun

* + - *If a huge asteroid hits Earth, it will cause massive destruction.* ❖ der Asteroid
  1. **float** (v) /fləʊt/

to hang in the air as if weightless ● *The balloon floated in the air and then the wind blew it away.* ❖ schweben

* 1. **comet** (n) /ˈkɒmɪt/

a bright object with a tail that travels around the sun ● *We looked at the comet through the telescope.* ❖ der Komet

* 1. **dust** (n) /dʌst/

small pieces of soft dirt ● *He cleaned the dust off the furniture with a cloth.* ➣ dust (v), duster (n), dusty (adj) ❖ der Staub

* 1. **gas** (n) /gæs/

a chemical substance like air that is not liquid or solid ● *The smell of poisonous gas rose from the ground on the volcano crater.*

* das Gas
  1. **orbit** (n) /ˈɔːbɪt/

a circular movement around an object like a planet or sun ● *The moon orbits the Earth.*

➣ orbit (v) ❖ die Umlaufbahn

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* 1. **end up** (phr v) /end ʌp/

to find yourself somewhere you didn’t want to be ● *If you don’t study harder, you’ll end up resitting your exams.* ❖ letztendlich etw. tun müssen

* 1. **universe** (n) /ˈjuːnɪvɜːs/

all of space ● *Earth is just a small planet in an enormous universe.* ➣ universal (adj) ❖ das Universum

* 1. **galaxy** (n) /ˈɡæləksi/

a large system of stars in space ● *With powerful telescopes, scientists can now observe other galaxies in space.* ➣ galactic (adj) ❖ die Galaxie

* 1. **engineering** (n) /ˌendʒɪˈnɪərɪŋ/

planning and building things like roads, bridges or machines ● *Janet is great at maths and physics so she’s studying engineering at university.* ➣ engineer (n) ❖ die Bautechnik

* 1. **construction** (n) /kənˈstrʌkʃn/

the process of building ● *The construction of the Parthenon was organised by Perikles.*

➣ construct (v) ❖ die Erbauung, der Bau

* 1. **software** (n) /ˈsɒftweə(r)/

computer programs ● *Because she had some trouble with her computer, she had to reinstall all the software.* ❖ die Software

* 1. **invent** (v) /ɪnˈvent/

to make or design sth that has not existed before ● *Telescopes were invented in the 17th century.* ➣ inventor, invention (n), inventive (adj) ❖ erfinden

* 1. **innovation** (n) /ɪnəˈveɪʃn/

a new idea or invention ● *I think technological innovations will make life easier in the future.*

➣ innovative (adj) ❖ die Innovation

* 1. **achievement** (n) /əˈʧiːvmənt/

sth you succeed in doing ● *Raising baby pandas in a zoo is an incredible achievement because it is very hard to do.* ➣ achieve (v)

* der Erfolg
  1. **complicated** (adj) /ˈkɒmplɪkeɪtɪd/

difficult to understand because it has many different parts ● *The rules of this game*

*are so complicated! I can’t understand them.* ➣ complicate (v), complication (n)

* komplizierter/e/es
  1. **movement** (n) /ˈmuːvmənt/

going from one place to another ● *We observed the movements of the cat as it climbed the tree.* ➣ move (v, n), movable (adj)

* die Bewegung
  1. **sunshield** (n) /ˈsʌnʃiːld/

a device that protects sth, e.g. a telescope, from the light and heat of the sun ● *She used a small umbrella as a sunshield.*

* die Sonnenblende
  1. **pillar (of)** (n) /ˈpɪlə(r) (əv)/

an important part of a group or system

* + - *Galileo was one of the pillars of astronomy.*
* die -Säule, der -Pfeiler
  1. **creation** (n) /kriˈeɪʃn/

the whole universe and the process of creating it ● *Humans are the most destructive animals in all creation!* ➣ create (v), creative (adj)

* die Schöpfung
  1. **exoplanet** (n) /ˈeksəʊˌplænɪt/

a planet which is outside the Earth’s solar system ● *I wonder if there is any life on exoplanets in other solar systems.* ❖ der Exoplanet

* 1. **search** (v) /sɜːʧ/

to look for ● *She searched for information about her ancestors on the internet.*

➣ search (n) ❖ suchen

* 1. **so far** (expr) /ˈsəʊ fɑː/

until now ● *I’ve been watching the sky for hours, but I haven’t seen the asteroid so far.*

* bisher
  1. **confirm** (v) /kənˈfɜːm/

to show to be true ● *Your weight confirms that you have eaten too much during the holidays.*

➣ confirmation (n) ❖ bestätigen

* 1. **hold your breath** (expr) /həʊld jɔː breθ/

to expect sth to happen ● *I think you have a good chance of getting the job, but don’t hold your breath – there are so many applicants.*

* sich große Hoffnungen machen
  1. **sight** (n) /saɪt/

sth that you see ● *The snow on the mountains was a wonderful sight.* ➣ sightseeing (n)

* der Anblick
  1. **light year** (n) /laɪt jɪə/

very long time ● *Manned space travel to distant planets seems light years away.*

* das Lichtjahr
  1. **exist** (v) /ɪɡˈzɪst/

to be real ● *Does life exist on Mars?*

➣ existence (n) ❖ existieren

* 1. **component** (n) /kəmˈpəʊnənt/

a part of sth ● *There are so many components in this smartphone that I have no idea how it works.* ❖ die Komponente, der Bestandteil

* 1. **source** (n) /sɔːs/

where sth comes from ● *In the past, the only source of heat was fire.* ❖ die Quelle

**Space**

asteroid comet dust

engineering exoplanet

float galaxy innovation light year orbit

search

solar system spacesuit sunshield universe

Vocabulary **Page 44**

* 1. **calculator** (n) /ˈkælkjuleɪtə(r)/

a device or piece of software for making calculations with numbers ● *The teacher asked us to solve the maths exercises without using a calculator.* ➣ calculate (v)

* der Taschenrechner
  1. **charger cable** (n) /ˈtʃɑːdʒə(r) ˈkeɪbl/

a thick wire that carries electricity to a phone charger ● *I must find the charger cable for my smartphone. The battery is very low.*

* das Ladekabel
  1. **external hard drive** (n) /ɪkˌstɜːnl ˈhɑːd draɪv/ a device for storing information from a computer ● *It’s a good idea to back up*

*files every day on an external hard drive in case anything goes wrong with your laptop.*

* die externe Festplatte
  1. **headphones** (n pl) /ˈhedfəʊnz/

equipment that you wear in or over your ears so that you can listen to music, the radio, etc.

* + - *Please use your headphones to listen to music late at night.* ❖ die Kopfhörer (plural)
  1. **monitor** (n) /ˈmɒnɪtə(r)/

a computer screen; a computer screen for observing movements in a particular area

* + - *The security guard watched the monitors to see who was entering the building.* ➣ monitor

(v) ❖ der Monitor, der Bildschirm

* 1. **device** (n) /dɪˈvaɪs/

an object with a particular purpose ● *This device is used to back up the data on your computer.* ❖ das Gerät

* 1. **run** (v) /rʌn/

to work ● *He stopped the car, but the engine was still running.* ❖ laufen

* 1. **remote-controlled** (adj) /rɪˈməʊt kənˈtrəʊld/ controlled by using equipment without having to touch it ● *Ken was flying his remote-controlled plane in the park.*
* ferngesteuerter/e/es
  1. **touchscreen** (n) /tʌʧskriːn/

a screen that you touch in order to control a computer, phone, etc. ● *This touchscreen phone doesn’t have any buttons.* ❖ der Touchscreen-Bildschirm

* 1. **drone** (n) /drəʊn/

a small aircraft without a pilot, controlled by a computer and used for taking photos or videos from above the ground ● *He almost destroyed his drone when it nearly landed in the sea after taking a video of the kayak.*

* die Drohne
  1. **wireless** (adj) /ˈwaɪələs/

being connected by signals instead of cables

* + - *The school’s wireless connection was a bit slow, so we had to wait for the information*

*to upload.* ➣ wireless (n) ❖ drahtloser/e/es, Wireless-

* 1. **smart** (adj) /smɑːt/

that is operated through computers so that it can work by itself ● *When you’re away, you can control your home central heating, using smart technology.* ➣ smartly (adv)

* smarter/e/es
  1. **connect** (v) /kəˈnekt/

to join together two or more things ● *If I can connect to the internet, I’ll send you some photos.* ➣ connection (n), connected (adj)

* sich verbinden, eine Verbindung zu etw./jdm. aufbauen ✎ Opp: disconnect
  1. **podcast** (n) /ˈpɒdkɑːst/

an audio file from the internet that you can play on a computer, smartphone, or other device

* + - *I sometimes listen to podcasts from British radio stations to hear different English accents.*
* der Podcast
  1. **post** (v) /pəʊst/

to put comments, information or pictures on a website ● *He never posts personal details on social networking sites.* ➣ post (n) ❖ posten

* 1. **record** (v) /reˈkɔːd/

to write information down or store it in a computer so that it can be looked at in the future ● *The reporter recorded the interview on camera.* ➣ record (n) ❖ aufnehmen, aufzeichnen, festhalten

* 1. **update** (v) /ʌpˈdeɪt/

to add the most recent information to sth

* + - *Always update your virus protection so your computer is safe.* ➣ update (n) ❖ aktualisieren
  1. **upload** (v) /ˌʌpˈləʊd/

to transfer files from one computer to another through the internet ● *Gina uploaded her essay for her teacher to correct online.*

* hochladen
  1. **switch off** (phr v) /swɪtʃ ɒf/

turn sth off by pressing a button or switch

* + - *I want to sleep now. Please switch off the lights.* ❖ abschalten ✎ Opp: switch on
  1. **pillow** (n) /ˈpɪləʊ/

a cloth bag filled with sth soft that you use to rest your head on in bed ● *Jake rested his head on the pillow and went to sleep.*

* das Kopfkissen
  1. **activity tracker** (n) /ækˈtɪvəti trækə(r)/

a device that records your physical movements and other health-related information

* + - *According to the activity tracker, we’ve cycled 30 kilometres today.* ❖ der Aktivitätstracker
  1. **turn down** (phr v) /tɜːn daʊn/

to make quieter ● *Dad’s always telling me to turn down my music, but I like it loud!*

* leiser stellen
  1. **volume** (n) /ˈvɒljuːm/

the level of noise ● *Don’t turn the volume up so loud; we won’t be able to hear ourselves talking!* ❖ die Lautstärke

Grammar **Page 45**

* 1. **forecast** (n) /ˈfɔːkɑːst/

a description of how sb says sth will be in the future ● *The latest forecast warns of heavy rain and stormy weather.* ❖ die Vorhersage

* 1. **take off** (phr v) /teɪk ɒf/

to leave the ground (for planes, etc.) ● *The plane couldn’t take off because of the storm over the airport.* ➣ take-off (n) ❖ abheben

✎ Opp: land

* 1. **look forward to** (phr v) /lʊk ˈfɔːwəd tuː/

to be happy waiting for sth good that is going to happen ● *I’m looking forward to seeing my relatives from Canada.* ❖ sich freuen auf

* 1. **central heating** (n) /ˈsentrəl ˈhiːtɪŋ/

a heating system that heats a whole house or building ● *Our house is really cold because the central heating isn’t switched on.*

* die Zentralheizung
  1. **qualified** (adj) /ˈkwɒlɪfaɪd/

having completed the correct training or having the experience for a particular job

* + - *Sarah spent five years at university to become a qualified architect.* ➣ qualififcation (n), qualify (v) ❖ (beruflich) qualifizierter/e/es
  1. **power cut** (n) /ˈpaʊə kʌt/

a period when the electricity supply stops working ● *The storm caused power cuts throughout the city and the streets were in darkness.* ❖ der Stromausfall

* 1. **accurately** (adv) /ˈækjərətli/

correctly ● *She worked out the total accurately by using a calculator.* ➣ accurate (adj), accuracy (n) ❖ exakt

* 1. **earthquake** (n) /ˈɜːθkweɪk/

the shaking of the ground ● *After an earthquake, dogs are often used to find people in buildings that have fallen down.* ❖ das Erdbeben

* 1. **spacesuit** (n) /ˈspeɪssuːt/

a special suit worn by astronauts to survive in space ● *An astronaut’s spacesuit is made of strong but light material.* ❖ der Raumanzug

* 1. **land** (v) /lænd/

to arrive on the ground ● *The plane*

*landed safely at the airport despite the storm.*

➣ landing (n) ❖ landen ✎ Opp: take off

Listening **Page 46**

* 1. **aircraft** (n) /eəkrɑːft/

a vehicle that can fly ● *The aircraft that took us to London was an Airbus.* ❖ das Fluggerät, das Flugzeug

✎ Plural: aircraft

* 1. **liquid** (n) /ˈlɪkwɪd/

sth that is not solid and can be poured

* + - *Oil and water are both liquids.* ❖ die Flüssigkeit
  1. **image** (n) /ˈɪmɪdʒ/

a picture ● *The satellite took some wonderful images of the Earth from space.* ❖ das Bild

* 1. **memory** (n) /ˈmeməri/

the amount of data storage space on a computer, phone, etc. ● *My phone doesn’t have enough memory to download any more apps.* ❖ der Speicherplatz

* 1. **wearable** (adj) /ˈweərəbə/

which can be worn ● *Smartwatches are basically wearable computers.* ➣ wear (v)

* tragbarer/e/es
  1. **coffee maker** (n) /ˈkɒfi meɪkə(r)/

a machine for making cups of coffee ● *The first thing she does every morning is to switch on the coffee maker for breakfast.* ❖ die Kaffeemaschine ✎ Syn: coffee machine

* 1. **dishwasher** (n) /ˈdɪʃwɒʃə(r)/

a machine for washing dishes ● *Don’t wash the cups and plates by hand – just put them into the dishwasher.* ❖ der Geschirrspüler

* 1. **feature** (n) /ˈfiːʧə(r)/

an important part or a typical quality of sth

* + - *A camera is a feature on most smartphones nowadays.* ➣ feature (v) ❖ die Funktion
  1. **notification** (n) /ˌnəʊtɪfɪˈkeɪʃn/

a formal notice that gives information about sth ● *She receives a notification on her phone every time a text message arrives.* ➣ notify (v)

* die Benachrichtigung
  1. **security** (n) /sɪˈkjʊərəti/

a system to warn you when sb enters a place illegally, or when there is danger, etc.

* + - *Our hotel room had its own security alarm!*
* die Sicherheit, das Sicherheitssystem
  1. **petrol** (n) /ˈpetrəl/

oil used to make an engine work ● *The car was running out of petrol, so we stopped at a service station.* ❖ das Benzin ✎ US Eng: gasoline

* 1. **diesel** (n) /ˈdiːzl/

a type of oil used to make an engine work instead of petrol ● *The city buses have diesel engines.* ❖ der Diesel

* 1. **charging point** (n) /ˈtʃɑːdʒɪŋ pɔɪnt/

a place where battery-operated devices or electric cars can be charged ● *There aren’t many charging points for electric cars in our town.* ❖ die Ladestation

* 1. **depend (on)** (v) /dɪˈpend (ɒn)/

be affected by ● *Whether wind farms really help the environment depends on the production process and where they are installed*. ❖ abhängen (von)

Speaking **Page 47**

* 1. **invention** (n) /ɪnˈvenʃn/

sth created by sb for the first time ● *The invention of the plane meant people could travel easily to foreign countries.* ➣ invent (v), inventor (n), inventive (adj) ❖ die Erfindung

* 1. **VR headset** (n) /ˌviː ˈɑː(r) ˈhedset/

a set of headphones with a screen that you wear over your eyes to see images and hear sounds created by a computer ● *It feels like you’re in another world when you wear this VR headset to play a video game.* ❖ das VR- Headset ✎ Note: VR = virtual reality /ˌvɜːtʃuəl riˈæləti/

* 1. **driverless** (adj) /ˈdraɪvələs/

without a driver ● *I couldn’t believe it when I first saw a driverless bus going around the town.* ❖ fahrerloser/e/es

* 1. **doorbell** (n) /ˈdɔːbel/

a button that you press outside a building, which rings a bell for the people inside to know you are there ● *The doorbell rang while I was in the shower.* ❖ die Türklingel

Grammar **Page 48**

* 1. **bullet train** (n) /ˈbʊlɪt treɪn/

a high-speed railway service in Japan

* + - *We got the morning bullet train to Tokyo, which was fast but really expensive.*
* der Hochgeschwindigkeitszug
  1. **blossom** (n) /ˈblɒsəm/

a flower on a plant or tree ● *The air was filled with the lovely smell of orange blossoms.*

* die Blüte

Use your English **Page 49**

* 1. **compete** (v) /kəmˈpiːt/

to try to get people to buy your products and not sb else’s ● *The small shops in the town centre compete for business.* ➣ competition (n), competitive (adj) ❖ mit jdm./etw. konkurrieren

* 1. **competitive** (adj) /kəmˈpetətɪv/ showing you are trying hard to be more

successful or better than others ● *She wants to win, so she’s a very competitive cyclist.*

➣ competitively (adv), compete (v), competition, competitor (n) ❖ wetteifernder/e/ es

* 1. **explosion** (n) /ɪksˈpləʊʒn/

a blast of energy (often from a bomb) ● *There was a loud explosion at the power station and a fire broke out.* ➣ explode (v), explosive (adj)

* die Explosion
  1. **explosive** (adj) /ɪksˈpləʊsɪv/

which could explode easily ● *Petrol is a highly explosive liquid. So don’t use devices like mobile phones near it.* ➣ explode (v), explosion (n) ❖ explosiver/e/es

* 1. **attraction** (n) /əˈtrækʃn/

an activity, feature or place that is interesting or exciting to sb; the feeling of being attracted to sb/sth ● *The cherry blossoms are one of Japan’s greatest attractions.* ➣ attract (v), attractive (adj) ❖ die Attraktion

* 1. **inventive** (adj) /ɪnˈventɪv/

able to create new things and ideas ● *His grandparents were quite poor, but they were also inventive and found ways to make their own clothes and furniture.* ➣ invent (v), invention, inventor (n) ❖ einfallsreicher/e/es

* 1. **inspire** (v) /ɪnˈspaɪə(r)/

to make sb feel that they want to do sth and can do it ● *He was inspired by Albert Einstein’s work and he decided to become a physicist.*

➣ inspiration (n), inspirational (adj)

* inspirieren
  1. **attention** (n) /əˈtenʃn/

interest in sth ● *Computers first caught his attention in primary school.* ❖ die Aufmerksamkeit

* 1. **alternative** (adj) /ɔːlˈtɜːnətɪv/

that can be used instead of sth else ● *I think your idea is good, but I have an alternative solution that’s better.* ➣ alternative (n)

* alternativer/e/es
  1. **back up** (phr v) /bæk ʌp/

make a copy of information stored on a computer ● *Luckily, I had backed up my work before my computer crashed.* ➣ back-up (n)

* sichern
  1. **log in** (phr v) /lɒg ɪn/

to gain access to a computer ● *You can log in to this website with a password.* ❖ sich anmelden

* 1. **plug in** (phr v) /plʌg ˈɪn/

to connect a machine to an electricity supply

* + - *You can plug your smartphone in to the PC.*
* einstecken in
  1. **set up** (phr v) /set ʌp/

to get all necessary equipment ready for an activity ● *Mum set up my new laptop for me so I can use it now.* ➣ set-up (n) ❖ einrichten

* 1. **switch on** (phr v) /swɪʧ ˈɒn/

to turn sth on ● *Let’s switch the TV on and watch the news.* ❖ einschalten

* 1. **shut down** (phr v) /ʃʌt daʊn/

to stop functioning; to stop a machine from working ● *Remember to back up all your work in case there’s a power cut that makes the computer shut down.* ❖ außer Betrieb sein

* 1. **access** (n) /ˈækses/

a way to see or use sth, e.g. information on a computer ● *He can get access to his*

*bank account online because he has internet banking.* ❖ der Zugang

* 1. **network** (n) /ˈnetwɜːk/

a group of people who are connected in some way ● *Debbie has a large network of contacts on social media.* ❖ das Netzwerk

* 1. **department** (n) /dɪˈpɑːtmənt/

a part of a large business, university, organisation, etc. ● *Liam is a technician in the company’s IT department.* ❖ die Abteilung (company), das Institut (university)

* 1. **power supply** (n) /paʊə sʌˈplaɪ/

where power comes from ● *Plug this appliance into the power supply in the wall over there.*

* die Stromversorgung
  1. **record** (n) /ˈrekɔːd/

official information about people ● *There are few written records of the history of this country.* ➣ record (v) ❖ die Aufzeichnung

* 1. **inventor** (n) /ɪnˈventə(r)/

sb who creates sth new ● *Hungarian inventor Maria Telkes created the first completely solar- powered house.* ➣ invent (v), inventive (adj)

* der/die Erfinder/-in
  1. **astronomer** (n) /əˈstrɒnəmə(r)/

a scientist who studies the sun, moon, stars, planets, etc. ● *Hypatia was the first female astronomer whose study of maths and astronomy became well-known in Ancient Greece.* ➣ astronomy (n) ❖ der/die Astronom/- in

* 1. **moreover** (adv) /mɔːrˈəʊvə(r)/

in addition; as well as that ● *She’s got a degree in Maths. Moreover, she’s studying for a masters in Astrophysics.* ❖ zudem, darüber hinaus ✎ Syn: furthermore, what’s more

* 1. **observe** (v) /ɒbˈzɜːv/

to watch sth; to follow what is happening

* + - *The nurse observed an improvement in the patient’s condition.* ➣ observer, observation (n)
* beobachten

**Phrasal verbs**

back up carry out log in

look forward to

plug in set up

shut down switch off/on

take off turn down

Writing **Pages 50–51**

* 1. **due to** (prep) /djuː tuː/

because of ● *His depression is due to too much work and lack of sleep.* ❖ aufgrund von

* 1. **nevertheless** (adv) /ˌnevəðəˈles/

despite sth that has just been mentioned

* + - *Sharks don’t attack humans often. Nevertheless, many people think shark attacks happen every day.* ❖ trotzdem
  1. **carry out** (phr v) /ˈkæri aʊt/

to do or complete sth ● *Research is being carried out into sleep patterns.* ❖ durchführen

* 1. **advance** (n) /ədvɑːns/

progress ● *Advances in medical science mean that many diseases which were deadly in the past can be cured today.* ➣ advance (v)

* der Vorsprung, der Fortschritt
  1. **available** (adj) /əˈveɪləbl/

(for things) ready to be used or bought; (for people) ready and with enough time to do sth ● *There were no rooms available at the hotel.* ➣ availability (n) ❖ verfügbarer/e/es

✎ Opp: unavailable

* 1. **exhibition** (n) /ˌeksɪˈbɪʃn/

a show of things for people to see, e.g. in a museum ● *There was an exhibition of El Greco paintings in the museum.* ➣ exhibit (v, n), exhibitor (n) ❖ die Ausstellung

* 1. **regarding** (prep) /rɪˈgɑːdɪŋ/

concerning ● *Regarding space travel for the general public, I think it will be too expensive for most people.* ❖ in Hinblick auf, bezüglich

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

separate or different from others ● *Our teacher writes different comments on each individual student’s homework.* ➣ individual (n)

* einzelner/e/es
  1. **informative** (adj) /ɪnˈfɔːmətɪv/

providing useful facts or ideas ● *This magazine has an informative article on space travel.*

➣ inform (v), information (n) ❖ informativer/e/ es ✎ Opp: uninformative

* 1. **take an active part in** (expr) /teɪk ən ˈæktɪv pɑːt ɪn/

to do sth about sth, be involved in sth

* + - *Anna is taking an active part in the fair and this afternoon she’s demonstrating her new invention.* ❖ an etw. teilnehmen
  1. **satisfied** (adj) /ˈsætɪsfaɪd/

pleased because sth that you wanted to happen has happened ● *Are your parents satisfied with your exam results?* ➣ satisfy (v), satisfaction (n), satisfactory (adj)

* zufriedener/e/es ✎ Opp: dissatisfied
  1. **lightweight** (adj) /ˈlaɪtweɪt/

not at all heavy ● *You only need a lightweight jacket in the summer.* ❖ leichter/e/es

* 1. **user-friendly** (adj) /ˌjuːzə ˈfrendli/

easy to use ● *For online lessons, we use an app that was easy to install and is so user-friendly.* ❖ benutzerfreundlicher/e/es

* 1. **function** (n) /ˈfʌŋkʃn/

a program or part of a program on a computer, smartphone, etc. that does sth specific

* + - *The program has a ‘Search’ function.*
* die Funktion
  1. **to my mind** (expr) /tʊ maɪ maɪnd/

in my opinion ● *To my mind, space travel for everyone is the most exciting idea of this century.* ❖ meiner Meinung nach

* 1. **impression** (n) /ɪmˈpreʃn/

the opinion you have about sb/sth because of the way they seem ● *The robotics fair gave us all a very good impression as it was so well- organised.* ➣ impress (v), impressive (adj)

* der Eindruck

**Devices and technology**

aircraft memory

bullet train monitor

calculator network

central heating power cut

charger cable power supply

charging point satellite

coffee maker security app

console server

device smart

dishwasher telescope

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drone tracker

external hard drive user-friendly

fibre optic cable VR headset

headphones wireless

image the World Wide Web

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* 1. **server** (n) /ˈsɜːvə(r)/

the main computer that runs a network ● *The company’s IT department takes care of any problems with the server.* ❖ der Server

* 1. **the World Wide Web** (n) /ðə ˌwɜːld waɪd ˈweb/ the system for finding information on the internet ● *You can find information on almost everything you want on the World Wide Web – just check the source is reliable!* ❖ das World Wide Web, das Web ✎ Abbrev: www
  2. **via** (prep) /ˈvaɪə/

through; using a particular system, person, etc.

* + - *They can send you the information via email.*
* per
  1. **console** (n) /ˈkɒnsəʊl/

a device with the controls for a video game

* + - *We need two video game consoles to play against each other on PlayStation.*
* die Konsole
  1. **electronic** (adj) /ɪˌlekˈtrɒnɪk/

that has small parts that work through a computer or batteries, etc. ● *You can download the book in electronic form.* ❖ elektronischer/e/ es

* 1. **satellite** (n) /ˈsætəlaɪt/

an object in space that collects and sends information ● *Satellites provide signals for worldwide telecommunications.* ❖ der Satellit

* 1. **transmit** (v) /trænzˈmɪt/

to pass sth from one person to another

* + - *A disease can be transmitted through the air, when people sneeze, for example.* ❖ übertragen
  1. **fibre optic cable** (n) /ˌfaɪbər ˈɒptɪk ˈkeɪbl/

a set of wires that carry internet signals ● *Our internet connection is faster now that we have fibre optic cables in the neighbourhood.*

* das Glasfaserkabel
  1. **speed** (n) /spiːd/

how fast sth moves ● *This motorbike has a top speed of 220 kilometres per hour.* ➣ speed (v), speedy (adj) ❖ die Geschwindigkeit