

4 Technological wonders

Glossary

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- 4.1 wonder** (n) /'wʌndə(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) ❖ يتعجب
- 4.2 bionic** (adj) /baɪ'ɒnɪk/
technology that causes a non-living object to move • *The bionic dog could walk and bark just like a real one.* ❖ ذو أعضاء آلية

Reading Pages 42–43

- 4.3 telescope** (n) /'telɪskəʊp/
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) ❖ تلسكوب
- 4.4 solar system** (n) /'səʊlə 'sɪstəm/
planets around a sun • *Earth is the only inhabited planet in our solar system.* ❖ المجموعة الشمسية
- 4.5 asteroid** (n) /'æstərɔɪd/
a large rock or small planet that orbits a sun • *If a huge asteroid hits Earth, it will cause massive destruction.* ❖ كوكب صغير
- 4.6 float** (v) /fləʊt/
to hang in the air as if weightless • *The balloon floated in the air and then the wind blew it away.* ❖ يطفو
- 4.7 comet** (n) /'kɒmɪt/
a bright object with a tail that travels around the sun • *We looked at the comet through the telescope.* ❖ مذنَّب
- 4.8 dust** (n) /dʌst/
small pieces of soft dirt • *He cleaned the dust off the furniture with a cloth.* > dust (v), duster (n), dusty (adj) ❖ غبار
- 4.9 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.* ❖ غاز
- 4.10 orbit** (n) /'ɔ:bɪt/
a circular movement around an object like a planet or sun • *The moon orbits the Earth.* > orbit (v) ❖ مدار

- 4.11 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.* ❖ ينتهي به الأمر/يبلغ
- 4.12 universe** (n) /'ju:nɪvɜ:s/
all of space • *Earth is just a small planet in an enormous universe.* > universal (adj) ❖ الكون
- 4.13 galaxy** (n) /'gæləksɪ/
a large system of stars in space • *With powerful telescopes, scientists can now observe other galaxies in space.* > galactic (adj) ❖ المجرة
- 4.14 engineering** (n) /,endʒɪ'nɪərɪŋ/
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) ❖ هندسة
- 4.15 construction** (n) /kən'strʌkʃn/
the process of building • *The construction of the Parthenon was organised by Perikles.* > construct (v) ❖ بناء
- 4.16 software** (n) /'sɒftweə(r)/
computer programs • *Because she had some trouble with her computer, she had to reinstall all the software.* ❖ برمجيات
- 4.17 invent** (v) /ɪn'vent/
to make or design sth that has not existed before • *Telescopes were invented in the 17th century.* > inventor, invention (n), inventive (adj) ❖ يخترع
- 4.18 innovation** (n) /ɪnə'veɪʃn/
a new idea or invention • *I think technological innovations will make life easier in the future.* > innovative (adj) ❖ ابتكار
- 4.19 achievement** (n) /ə'tʃi:vmənt/
sth you succeed in doing • *Raising baby pandas in a zoo is an incredible achievement because it is very hard to do.* > achieve (v) ❖ إنجاز
- 4.20 complicated** (adj) /'kɒmplɪkətɪd/
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) ❖ مُعقد
- 4.21 movement** (n) /'mu:vmənt/
going from one place to another • *We observed the movements of the cat as it climbed the tree.* > move (v, n), movable (adj) ❖ حركة

- 4.22 sunshield** (n) /'sʌnʃi:ld/
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.*
❖ جهاز واقٍ من الشمس
- 4.23 pillar (of)** (n) /'pɪlə(r) (əv)/
an important part of a group or system
• *Galileo was one of the pillars of astronomy.*
❖ ركن (من)
- 4.24 creation** (n) /kri'eɪʃn/
the whole universe and the process of creating it • *Humans are the most destructive animals in all creation!* > create (v), creative (adj)
❖ الخلق
- 4.25 exoplanet** (n) /'eksəʊ.plæni:t/
a planet which is outside the Earth's solar system • *I wonder if there is any life on exoplanets in other solar systems.*
❖ كوكب خارج المجموعة الشمسية
- 4.26 search** (v) /sɜ:tʃ/
to look for • *She searched for information about her ancestors on the internet.*
> search (n) ❖ يبحث
- 4.27 so far** (expr) /'səʊ fɑ:/
until now • *I've been watching the sky for hours, but I haven't seen the asteroid so far.*
❖ حتى الآن
- 4.28 confirm** (v) /kən'fɜ:m/
to show to be true • *Your weight confirms that you have eaten too much during the holidays.*
> confirmation (n) ❖ يؤكد
- 4.29 hold your breath** (expr) /həʊld jɔ: 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.*
❖ احبس انفاسك
- 4.30 sight** (n) /saɪt/
sth that you see • *The snow on the mountains was a wonderful sight.* > sightseeing (n)
❖ رؤية
- 4.31 light year** (n) /laɪt jɪə/
very long time • *Manned space travel to distant planets seems light years away.*
❖ سنة ضوئية
- 4.32 exist** (v) /ɪg'zɪst/
to be real • *Does life exist on Mars?*
> existence (n) ❖ يكون حقيقي
- 4.33 component** (n) /kəm'pəʊnənt/
a part of sth • *There are so many components in this smartphone that I have no idea how it works.* ❖ مكون
- 4.34 source** (n) /sɔ:sɪs/
where sth comes from • *In the past, the only source of heat was fire.* ❖ مصدر

Space

asteroid	float	search
comet	galaxy	solar system
dust	innovation	spacesuit
engineering	light year	sunshield
exoplanet	orbit	universe

Vocabulary Page 44

- 4.35 calculator** (n) /'kælkjuleɪtə(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)
❖ آلة حاسبة
- 4.36 charger cable** (n) /'tʃɑ:dʒə(r) 'keɪbl/
a thick wire that carries electricity to a phone charger • *I must find the charger cable for my smartphone. The battery is very low.*
❖ كبل شحن
- 4.37 external hard drive** (n) /ɪk'stɜ:nl 'hɑ:d 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.*
❖ قرص صلب خارجي
- 4.38 headphones** (n pl) /'hedfəʊnz/
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.* ❖ سماعات رأس
- 4.39 monitor** (n) /'mɒnɪtə(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) ❖ شاشة
- 4.40 device** (n) /dɪ'vaɪs/
an object with a particular purpose • *This device is used to back up the data on your computer.* ❖ جهاز
- 4.41 run** (v) /rʌn/
to work • *He stopped the car, but the engine was still running.* ❖ يشغل
- 4.42 remote-controlled** (adj) /rɪ'məʊt kən'trəʊld/
controlled by using equipment without having to touch it • *Ken was flying his remote-controlled plane in the park.*
❖ يتم التحكم به عن بُعد
- 4.43 touchscreen** (n) /tʌtʃskri:n/
a screen that you touch in order to control a computer, phone, etc. • *This touchscreen phone doesn't have any buttons.*
❖ شاشة لمس

- 4.44 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.* ❖ طائرة بدون طيار
- 4.45 wireless** (adj) /'waɪələs/
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) ❖ لاسلكي
- 4.46 smart** (adj) /smɑ:t/
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) ❖ ذكي
- 4.47 connect** (v) /kə'nekt/
to join together two or more things • *If I can connect to the internet, I'll send you some photos.* > connection (n), connected (adj) ❖ يتصل ☞ Opp: disconnect
- 4.48 podcast** (n) /'pɒdkɑ:st/
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.* ❖ بودكاست
- 4.49 post** (v) /pəʊst/
to put comments, information or pictures on a website • *He never posts personal details on social networking sites.* > post (n) ❖ ينشر
- 4.50 record** (v) /re'kɔ:d/
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) ❖ يُسجل
- 4.51 update** (v) /ʌp'det/
to add the most recent information to sth • *Always update your virus protection so your computer is safe.* > update (n) ❖ يُحدث
- 4.52 upload** (v) /ʌp'ləʊd/
to transfer files from one computer to another through the internet • *Gina uploaded her essay for her teacher to correct online.* ❖ يُحمل
- 4.53 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.* ❖ يوقف تشغيل ☞ Opp: switch on
- 4.54 pillow** (n) /'pɪləʊ/
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.* ❖ مخدة
- 4.55 activity tracker** (n) /æk'tɪvəti 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.* ❖ متعقب النشاط
- 4.56 turn down** (phr v) /tɜ:n daʊn/
to make quieter • *Dad's always telling me to turn down my music, but I like it loud!* ❖ يخفض
- 4.57 volume** (n) /'vɒlju:m/
the level of noise • *Don't turn the volume up so loud; we won't be able to hear ourselves talking!* ❖ مستوى الصوت

Grammar Page 45

- 4.58 forecast** (n) /'fɔ:kɑ:st/
a description of how sb says sth will be in the future • *The latest forecast warns of heavy rain and stormy weather.* ❖ ذكي
- 4.59 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) ❖ يقلع ☞ Opp: land
- 4.60 look forward to** (phr v) /lʊk 'fɔ:wəd tu:z/
to be happy waiting for sth good that is going to happen • *I'm looking forward to seeing my relatives from Canada.* ❖ يتطلع إلى
- 4.61 central heating** (n) /'sentrəl 'hi:tɪŋ/
a heating system that heats a whole house or building • *Our house is really cold because the central heating isn't switched on.* ❖ تدفئة مركزية
- 4.62 qualified** (adj) /'kwɒlɪfaɪd/
having completed the correct training or having the experience for a particular job • *Sarah spent five years at university to become a qualified architect.* > qualification (n), qualify (v) ❖ مؤهل
- 4.63 power cut** (n) /'paʊə kʌt/
a period when the electricity supply stops working • *The storm caused power cuts throughout the city and the streets were in darkness.* ❖ انقطاع التيار
- 4.64 accurately** (adv) /'ækjərətli/
correctly • *She worked out the total accurately by using a calculator.* > accurate (adj), accuracy (n) ❖ بدقة
- 4.65 earthquake** (n) /'z:θkweɪk/
the shaking of the ground • *After an earthquake, dogs are often used to find people in buildings that have fallen down.* ❖ زلزال

- 4.66 spacesuit** (n) /'speɪsu:t/
a special suit worn by astronauts to survive in space • *An astronaut's spacesuit is made of strong but light material.* ❖ بدلة الفضاء
- 4.67 land** (v) /lænd/
to arrive on the ground • *The plane landed safely at the airport despite the storm.*
> landing (n) ❖ يهبط ❖ Opp: take off

Listening Page 46

- 4.68 aircraft** (n) /'ækrɑ:ft/
a vehicle that can fly • *The aircraft that took us to London was an Airbus.* ❖ طائرة
❖ Plural: aircraft
- 4.69 liquid** (n) /'lɪkwɪd/
sth that is not solid and can be poured
• *Oil and water are both liquids.* ❖ سائل
- 4.70 image** (n) /'ɪmɪdʒ/
a picture • *The satellite took some wonderful images of the Earth from space.* ❖ صورة
- 4.71 memory** (n) /'meməri/
the amount of data storage space on a computer, phone, etc. • *My phone doesn't have enough memory to download any more apps.* ❖ ذاكرة
- 4.72 wearable** (adj) /'weərəbəl/
which can be worn • *Smartwatches are basically wearable computers.* > wear (v)
❖ يمكن ارتداؤه
- 4.73 coffee maker** (n) /'kɒfi 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.*
❖ آلة صنع القهوة ❖ Syn: coffee machine
- 4.74 dishwasher** (n) /'dɪʃwɒʃə(r)/
a machine for washing dishes • *Don't wash the cups and plates by hand – just put them into the dishwasher.* ❖ غسالة أطباق
- 4.75 feature** (n) /'fi:tʃə(r)/
an important part or a typical quality of sth
• *A camera is a feature on most smartphones nowadays.* > feature (v) ❖ أحد الخصائص
- 4.76 notification** (n) /,nəʊtɪfɪ'keɪʃn/
a formal notice that gives information about sth • *She receives a notification on her phone every time a text message arrives.* > notify (v)
❖ إشعار
- 4.77 security** (n) /sɪ'kjʊərəti/
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!*
❖ أمان

- 4.78 petrol** (n) /'petrəl/
oil used to make an engine work • *The car was running out of petrol, so we stopped at a service station.* ❖ بنزين ❖ US Eng: gasoline
- 4.79 diesel** (n) /'dɪzəl/
a type of oil used to make an engine work instead of petrol • *The city buses have diesel engines.* ❖ ديزل
- 4.80 charging point** (n) /'tʃɑ:dʒɪŋ 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.* ❖ نقطة شحن
- 4.81 depend (on)** (v) /dɪ'pend (ɒn)/
be affected by • *Whether wind farms really help the environment depends on the production process and where they are installed.* ❖ يعتمد على

Speaking Page 47

- 4.82 invention** (n) /ɪn'veɪʃn/
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) ❖ اختراع
- 4.83 VR headset** (n) /,vi:'ɑ:(r) 'hedset/
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.*
❖ سماعة رأس للواقع الافتراضي ❖ Note: VR = virtual reality /,vɜ:ʃuəl ri'æləti/
- 4.84 driverless** (adj) /'draɪvələs/
without a driver • *I couldn't believe it when I first saw a driverless bus going around the town.* ❖ بدون سائق
- 4.85 doorbell** (n) /'dɔ:bəl/
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.* ❖ جرس الباب

Grammar Page 48

- 4.86 bullet train** (n) /'bʊlɪt treɪn/
a high-speed railway service in Japan
• *We got the morning bullet train to Tokyo, which was fast but really expensive.*
❖ قطار الرصاصة
- 4.87 blossom** (n) /'blɒsəm/
a flower on a plant or tree • *The air was filled with the lovely smell of orange blossoms.*
❖ زهر

- 4.88 compete** (v) /kəm'pi:t/ 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) ❖ ينافس
- 4.89 competitive** (adj) /kəm'petətɪv/ 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) ❖ تنافسي
- 4.90 explosion** (n) /ɪks'pləʊʒn/ 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) ❖ انفجار
- 4.91 explosive** (adj) /ɪks'pləʊsɪv/ which could explode easily • *Petrol is a highly explosive liquid. So don't use devices like mobile phones near it.* > explode (v), explosion (n) ❖ مادة متفجرة
- 4.92 attraction** (n) /ə'trækʃn/ 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) ❖ جاذبية
- 4.93 inventive** (adj) /ɪn'ventɪv/ 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) ❖ إبداعي
- 4.94 inspire** (v) /ɪn'spaɪə(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) ❖ يلهم
- 4.95 attention** (n) /ə'tenʃn/ interest in sth • *Computers first caught his attention in primary school.* ❖ انتباه
- 4.96 alternative** (adj) /ɔ:l'tɜ:nətɪv/ 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) ❖ بديل
- 4.97 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) ❖ يأخذ نسخة احتياطية
- 4.98 log in** (phr v) /lɒg ɪn/ to gain access to a computer • *You can log in to this website with a password.* ❖ يسجل الدخول
- 4.99 plug in** (phr v) /plʌg 'ɪn/ to connect a machine to an electricity supply • *You can plug your smartphone in to the PC.* ❖ يوصل
- 4.100 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) ❖ يُعد
- 4.101 switch on** (phr v) /swɪtʃ 'ɒn/ to turn sth on • *Let's switch the TV on and watch the news.* ❖ يُشغل
- 4.102 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.* ❖ يُغلق
- 4.103 access** (n) /'ækses/ 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.* ❖ وصول
- 4.104 network** (n) /'netwɜ:k/ a group of people who are connected in some way • *Debbie has a large network of contacts on social media.* ❖ شبكة
- 4.105 department** (n) /dɪ'pɑ:tmənt/ a part of a large business, university, organisation, etc. • *Liam is a technician in the company's IT department.* ❖ قسم
- 4.106 power supply** (n) /paʊə sʌ'plai/ where power comes from • *Plug this appliance into the power supply in the wall over there.* ❖ مزود الطاقة
- 4.107 record** (n) /'rekɔ:d/ official information about people • *There are few written records of the history of this country.* > record (v) ❖ يسجل
- 4.108 inventor** (n) /ɪn'ventə(r)/ sb who creates sth new • *Hungarian inventor Maria Telkes created the first completely solar-powered house.* > invent (v), inventive (adj) ❖ مُخترع
- 4.109 astronomer** (n) /ə'strɒnəmə(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) ❖ عالم الفلك
- 4.110 moreover** (adv) /mɔ:ɪ'rʌʊvə(r)/ in addition; as well as that • *She's got a degree in Maths. Moreover, she's studying for a masters in Astrophysics.* ❖ علاوة على ذلك
📖 Syn: furthermore, what's more
- 4.111 observe** (v) /əb'zɜ:v/ to watch sth; to follow what is happening • *The nurse observed an improvement in the patient's condition.* > observer, observation (n) ❖ يلاحظ

Phrasal verbs

back up	plug in	take off
carry out	set up	turn down
log in	shut down	
look forward to	switch off/on	

Writing Pages 50–51

- 4.112 due to** (prep) /dju: tu:/
because of • *His depression is due to too much work and lack of sleep.* ❖ بسبب
- 4.113 nevertheless** (adv) /,nevəðə'les/
despite sth that has just been mentioned
• *Sharks don't attack humans often. Nevertheless, many people think shark attacks happen every day.* ❖ مع ذلك
- 4.114 carry out** (phr v) /'kæri aʊt/
to do or complete sth • *Research is being carried out into sleep patterns.* ❖ ينفذ
- 4.115 advance** (n) /ədva:ns/
progress • *Advances in medical science mean that many diseases which were deadly in the past can be cured today.* > advance (v)
❖ تقدم
- 4.116 available** (adj) /ə'veɪləbl/
(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) ❖ مُتاح
📖 Opp: unavailable
- 4.117 exhibition** (n) /,eksɪ'bɪʃn/
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) ❖ معرض
- 4.118 regarding** (prep) /rɪ'gɑ:dɪŋ/
concerning • *Regarding space travel for the general public, I think it will be too expensive for most people.* ❖ فيما يتعلق
- 4.119 individual** (adj) /ɪndɪ'vɪdʒʊəl/
separate or different from others • *Our teacher writes different comments on each individual student's homework.* > individual (n)
❖ فرد
- 4.120 informative** (adj) /ɪn'fɔ:mətɪv/
providing useful facts or ideas • *This magazine has an informative article on space travel.*
> inform (v), information (n) ❖ غنيا بالمعلومات
📖 Opp: uninformative
- 4.121 take an active part in** (expr) /teɪk ən 'æktɪv pɑ:t 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.* ❖ يشارك بنشاط في

- 4.122 satisfied** (adj) /'sætɪsfaɪd/
pleased because sth that you wanted to happen has happened • *Are your parents satisfied with your exam results?* > satisfy (v), satisfaction (n), satisfactory (adj)
❖ راض 📖 Opp: dissatisfied
- 4.123 lightweight** (adj) /'laɪtweɪt/
not at all heavy • *You only need a lightweight jacket in the summer.* ❖ خفيف الوزن
- 4.124 user-friendly** (adj) /,ju:zə 'frendli/
easy to use • *For online lessons, we use an app that was easy to install and is so user-friendly.* ❖ سهل الاستخدام
- 4.125 function** (n) /'fʌŋkʃn/
a program or part of a program on a computer, smartphone, etc. that does sth specific
• *The program has a 'Search' function.*
❖ وظيفة
- 4.126 to my mind** (expr) /tu maɪ maɪnd/
in my opinion • *To my mind, space travel for everyone is the most exciting idea of this century.* ❖ من وجهة نظري
- 4.127 impression** (n) /ɪm'preʃn/
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)
❖ انطباع

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
doorbell	touchscreen
drone	tracker
external hard drive	user-friendly
fibre optic cable	VR headset
headphones	wireless
image	the World Wide Web

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- 4.128 server** (n) /'sɜ:və(r)/
the main computer that runs a network • *The company's IT department takes care of any problems with the server.* ❖ خادم

- 4.129 the World Wide Web** (n) /ðə ,wɜ:ld waɪd 'web/
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!*
❖ الشبكة العنكبوتية 🖱 Abbrev: www
- 4.130 via** (prep) /'vaɪə/
through; using a particular system, person, etc.
• *They can send you the information via email.*
❖ عبر
- 4.131 console** (n) /'kɒnsəʊl/
a device with the controls for a video game
• *We need two video game consoles to play against each other on PlayStation.*
❖ وحدة التحكم
- 4.132 electronic** (adj) /ɪ,lek'trɒnɪk/
that has small parts that work through a computer or batteries, etc. • *You can download the book in electronic form.* ❖ كهربي
- 4.133 satellite** (n) /'sætəlaɪt/
an object in space that collects and sends information • *Satellites provide signals for worldwide telecommunications.* ❖ قمر صناعي
- 4.134 transmit** (v) /trænz'mɪt/
to pass sth from one person to another
• *A disease can be transmitted through the air, when people sneeze, for example.* ❖ يبيث
- 4.135 fibre optic cable** (n) /,faɪbər 'ɒptɪk 'keɪbl/
a set of wires that carry internet signals • *Our internet connection is faster now that we have fibre optic cables in the neighbourhood.*
❖ كبل ألياف ضوئية
- 4.136 speed** (n) /spi:d/
how fast sth moves • *This motorbike has a top speed of 220 kilometres per hour.* ➤ speed (v), speedy (adj) ❖ سرعة