

# 3 Getting technical

## Glossary

### Page 29

- 3.1 technical** (adj) /'teknɪkl/  
related to using machines or scientific methods  
• *Amal called for technical support when her laptop stopped working.* > technically (adv)  
❖ تقني
- 3.2 technology** (n) /tek'nɒlədʒi/  
the science used to discover and design new things • *Modern technology helps us to communicate with people around the world.*  
> technological (adj) ❖ تكنولوجيا/تقنية
- 3.3 daily** (adj) /'deɪli/  
of every day • *Can you describe your daily routine?* ❖ يومي

### Reading Pages 30–31

- 3.4 use** (v) /ju:z/  
to do an action with sth for a certain purpose  
• *Use a pencil to complete the form.* > use (n), useless (adj), useful (adj) ❖ يستخدم
- 3.5 move** (v) /mu:v/  
to go to live or work in a different place • *My parents moved to Australia before I was born.*  
> movement (n) ❖ يتحرك
- 3.6 farmer** (n) /'fɑ:mə(r)/  
a person who has a farm and grows food, or takes care of farm animals • *Many farmers in Greece grow tomatoes and olives.*  
> farm (v, n), farming (n) ❖ فلاح
- 3.7 mobile phone** (n) /,məʊbaɪl 'fəʊn/  
a phone that you can carry and use any place you go • *Switch off your mobile phones in the exam room.* ❖ هاتف محمول
- 3.8 message** (n) /'mesɪdʒ/  
a note sent on a mobile phone • *Ursula was waiting for her friends when she got a message on her phone.* ❖ رسالة
- 3.9 notice** (n) /'nəʊtɪs/  
a board or paper with information for people to read • *There was a big notice on the wall about the school fair.* > notice (v), noticeable (adj) ❖ اشعار
- 3.10 context** (n) /'kɒntekst/  
the words before and after a word or phrase which affects the meaning • *Try to guess the meaning of new words from their context.*  
❖ سياق
- 3.11 email** (n) /'i:meɪl/  
a way of sending messages through the internet; a message you send using email  
• *Did you get an email from your cousin in India?* > email (v) ❖ بريد إلكتروني
- 3.12 note** (n) /nəʊt/  
a short message written on paper • *Mum left a note on the fridge with things we needed to buy.* > note (v) ❖ ملاحظة
- 3.13 noticeboard** (n) /'nəʊtɪsbɔ:d/  
a board on a wall where you can put notes or pictures, etc. • *I read the advert for the show on the school noticeboard.*  
❖ لوحة الإعلانات
- 3.14 for sale** (phr) /fə(r) seɪl/  
ready for sb to buy • *There were some interesting video games for sale in the shop.*  
❖ للبيع
- 3.15 screen** (n) /skri:n/  
the part of a phone or computer where you see numbers, pictures or texts • *Our TV has a 45-inch screen, which is great for watching films at home.* ❖ شاشة
- 3.16 sell** (v) /sel/  
to give sth in exchange for money • *Does this shop sell TVs?* > sale (n) ❖ يبيع
- 3.17 change** (v) /tʃeɪndʒ/  
make sth different • *Don't change the colour of your hair. It's great!* > change (n), changeable (adj) ❖ يُغيّر
- 3.18 digital** (adj) /'dɪdʒɪtl/  
showing information as electronic images  
• *Can you show me how to upload digital photos?* ❖ رقمي
- 3.19 planet** (n) /'plæɪt/  
a natural round object in space that travels around a star • *We need to look after our planet Earth.* > planetary (adj) ❖ كوكب
- 3.20 sale** (n) /seɪl/  
a period of time when a shop sells things at a lower price than usual • *I bought a mobile phone at half price in JDM's winter sale.*  
> sell (v) ❖ تخفيض
- 3.21 out of this world** (phr) /aʊt əv ðɪs 'wɜ:ld/  
extremely good or beautiful • *The view from the top of the hill is out of this world!*  
*You can see for miles.* ❖ مُدهش

- 3.22 printer** (n) /'prɪntə(r)/  
a machine for printing words or pictures on paper • *The students used the school printer to make posters for the fair.* > print (v), printed (adj), printing (n) ❖ طباعة
- 3.23 discount** (n) /'dɪskaʊnt/  
a lower price than usual; an amount cut off a price • *Students are allowed a 50% discount on train tickets.* ❖ خصم
- 3.24 half** (adj) /hɑ:f/  
50% of sth; one of two equal parts of sth • *Sharon only ate half of her dinner because she felt ill.* > half (n), halve (v) ❖ نص
- 3.25 selected** (adj) /sɪ'lektɪd/  
specially chosen • *A selected number of students will take part in the national robotics competition.* > select (v), selection (n) ❖ مُحدد
- 3.26 laptop** (n) /'læptɒp/  
a small computer that has a keyboard and screen together, which you can carry easily • *Tom watched a film on his laptop on the plane.* ❖ حاسوب محمول
- 3.27 hour** (n) /'aʊə(r)/  
a period of 60 minutes • *The school bus takes an hour to bring us home.* > hourly (adj, adv) ❖ ساعة
- 3.28 print out** (phr v) /prɪnt aʊt/  
to put information from a computer onto paper by using a printer • *The teacher printed out the information about the school trip and gave each student a copy.* > printout (n) ❖ يطبع
- 3.29 invitation** (n) /,ɪnvɪ'teɪʃn/  
a card or small letter asking somebody to come to a special event • *Remember to send the invitations for the party.* > invite (v) ❖ دعوة
- 3.30 password** (n) /'pɑ:swɜ:d/  
a group of numbers, letter or symbols that you must write to sign in to use a website or computer • *Write down your password for your email in a safe place. Then you can find it easily if you forget it.* ❖ كلمة مرور
- 3.31 download** (v) /daʊn'ləʊd/  
to put a file from the internet onto your computer • *Sometimes Margot downloads books to read on her tablet.* > download (n) ❖ تحميل
- 3.32 file** (n) /faɪl/  
pieces of information sent or stored on a computer • *Lena couldn't open the file that was in the email.* > file (v) ❖ ملف
- 3.33 the internet** (n) /di 'ɪntənət/  
the international computer network • *You can look up the meanings of new words on the internet.* ❖ الإنترنت
- 3.34 text** (v) /tekst/  
to write and send a short message on a mobile phone • *Please text me when you get home.* > text (n) ❖ نص
- 3.35 send** (v) /send/  
to make sth go somewhere • *Did you send all the invitations by email?* > sender (n) ❖ يُرسل
- 3.36 work on** (phr v) /wɜ:k ɒn/  
to try to complete sth • *I'm working on building a robot with some of my classmates.* ❖ يعمل على
- 3.37 cow** (n) /kaʊ/  
a large animal that is often kept on farms to use its milk or for meat • *Giorgio has a few cows on his farm for their milk.* ❖ بقرة
- 3.38 sheep** (n) /ʃi:p/  
an animal that is kept on farms to collect its coat for wool, or use its milk or for meat • *There are three sheep on that hill.* ❖ أغنام Plural: sheep
- 3.39 goat** (n) /gəʊt/  
an animal like a sheep with horns which lives on mountains or on farms • *We saw some mountain goats climbing the hill near the olive trees.* ❖ ماعز
- 3.40 follow** (v) /'fɒləʊ/  
to move behind sb or sth • *Tom's cat followed him to the bus stop.* > follower (n), following (adj) ❖ يتبع
- 3.41 own** (v) /əʊn/  
to have sth that is yours • *Who owns that bike outside? Is it yours?* > owner (n) ❖ يمتلك
- 3.42 remote** (adj) /rɪ'məʊt/  
far away from places where many people live • *My grandparents live in a remote village on an island.* ❖ نائي
- 3.43 reserve** (n) /rɪ'zɜ:v/  
an area of land protected for a particular group of people to live on • *In Australia, native people called Aborigines live on reserves far away from the cities.* > reserve (v) ❖ أرضٌ مُفَرَّدة لغرض خاص
- 3.44 app** (n) /æp/  
a piece of software on a smartphone • *This app is useful to see what the weather will be like.* ❖ تطبيق
- 3.45 find out** (phr v) /faɪnd aʊt/  
to learn about, to discover • *Let's find out what's wrong with your computer.* ❖ يكتشف
- 3.46 primary school** (n) /'praɪməri sku:l/  
a school for children from 4 or 5 to 11 or 12 years old in the UK • *Who was your favourite teacher at primary school?* ❖ مدرسة إبتدائية

- 3.47 tablet** (n) /'tæblət/  
a thin computer with a touch screen • *Tablets are easier to carry around than laptops.*  
❖ جهاز لوجي
- 3.48 distant** (adj) /'dɪstənt/  
far away • *In the past, explorers travelled to distant lands by ship.* > distance (n)  
❖ بعيد
- 3.49 far (away)** (adv) /fɑː(r) (ə'weɪ)/  
not near • *Do you live far from the school?*  
> far (adj) ❖ دولي
- 3.50 program** (n) /'prəʊgræm/  
a set of instructions that a machine follows to do sth • *This computer program corrects your spelling.* > program (v), programmer (n)  
❖ برنامج
- 3.51 discover** (v) /dɪ'skʌvə(r)/  
find sb/sth that was hidden or unknown  
• *The explorers discovered the entrance to a cave.* > discovery (n) ❖ يكتشف

## Vocabulary Page 32

- 3.52 camera** (n) /'kæmərə/  
a piece of equipment that you use to take photos or videos • *You take lovely photos. What kind of camera have you got?*  
❖ كاميرا
- 3.53 web page** (n) /web peɪdʒ/  
a page on the internet with information about a business, organisation or person • *Maria likes looking at web pages about travelling.*  
❖ صفحة ويب
- 3.54 the web** (n) /ðə web/  
the internet • *You can find information about almost everything on the web.* ❖ الويب
- 3.55 healthy** (adj) /'helθi/  
well and not getting ill easily • *Gordon keeps healthy by eating well and going for long walks.* > health (n), healthily (adv)  
❖ صحي 📖 Opp: unhealthy
- 3.56 brain** (n) /breɪn/  
the part of your body inside your head that controls how you think, feel and move  
• *Looking at a screen late at night stops your brain from relaxing.* ❖ المخ
- 3.57 active** (adj) /'æktɪv/  
busy doing a lot of things • *Grandma is over 70, but she's very active and enjoys long walks.*  
> act (v), activity (n), action (n), actively (adv)  
❖ ناشط
- 3.58 safe** (adj) /seɪf/  
not in danger • *Keep a note of your passwords in a safe place.* > safety (n) ❖ آمن  
📖 Opp: unsafe

- 3.59 personal** (adj) /'pɜːsənəl/  
belonging to one person • *I never give all my personal details on Facebook.*  
> personally (adj), personality (n)  
❖ شخصي
- 3.60 regularly** (adv) /'regjələli/  
often; again and again, with about the same amount of time or space between each action  
• *He goes online regularly to read the news.*  
> regular (adj) ❖ بانتظام
- 3.61 sociable** (adj) /'səʊʃəbl/  
enjoying being with other people • *Karen is very sociable and she likes making new friends.* > socialise (v) ❖ اجتماعي النزعة
- 3.62 put away** (phr v) /pʊt ə'weɪ/  
put (sth) in its correct place • *The students put away their books before they left the classroom.* ❖ وضعه في مكانه المألوف
- 3.63 social media** (n) /'səʊʃl 'miːdiə/  
websites where people connect with each other to share news and opinion • *Don't give out too much information on social media.*  
❖ وسائل التواصل الاجتماعي
- 3.64 teen** (n) /tiːn/  
a person between 13 to 19 years old; short form of 'teenager' • *Most teens prefer spending time with their friends to going out with their parents.* > teenage (adj), teens (n pl)  
❖ مُراهق 📖 Syn: teenager /'tiːneɪdʒə(r)/
- 3.65 constantly** (adv) /'kɒnstəntli/  
all the time, without stopping • *Sandy is constantly chatting to her friends on social media.* > constant (adj) ❖ باستمرار
- 3.66 throughout** (prep) /θruː'ɔʊt/  
during the whole time that sth is happening  
• *The children played video games throughout the journey.* ❖ طوال
- 3.67 feel** (v) /fiːl/  
to have a certain feeling • *Carol is feeling better today, so she's going to school.*  
> feeling (n) ❖ يشعر
- 3.68 on the other hand** (phr) /ɒn ðə 'ʌðə(r) hænd/  
from the opposite point of view (used to present a different point of view compared with what was already said) • *These days, we can send texts round the world in seconds. On the other hand, some people prefer to talk face-to-face.* ❖ على النقيض
- 3.69 check** (v) /tʃek/  
to look at sth to see how it is • *Did you check your emails this morning?* > check (n)  
❖ يفحص
- 3.70 enter** (v) /'entə(r)/  
go into • *The door opened slowly, and a man in white entered the room.* > entrance (n), entry (n) ❖ يدخل

- 3.71 chat** (v) /tʃæt/  
to talk (or send texts) in a friendly way  
• Mum is chatting to her friend on the phone.  
> chat (n) ❖ دردشة

### Phrasal verbs

|          |           |               |
|----------|-----------|---------------|
| find out | print out | switch on/off |
| look for | put away  | work on       |

## Grammar Page 33

- 3.72 show** (n) /ʃəʊ/  
an event where things are presented together for people to see • We're having a show to present our artwork at the end of the school year. ❖ يُوضَح
- 3.73 relative** (n) /'relatɪv/  
a family member • Most of Ola's cousins and other relatives live in Warsaw. > relate (v), relation (n), relationship (n) ❖ قريب
- 3.74 orchestra** (n) /'ɔ:kɪstrə/  
a large group of musicians who play different instruments together • Stephanie plays the violin in the town orchestra. ❖ أوركسترا
- 3.75 match** (n) /mætʃ/  
an event where two teams play against each other in a sport • I enjoy watching football matches on TV with my friends. ❖ مُباراة

### LOOK!

The word *match* can have three different meanings. Did you see the final goal in the **match**? (sports game or competition)  
Have you got a **match** to light the candles? (thin stick made of wood that burns)  
This T-shirt is a good **match** for your shorts. (something that is similar or combines well with something else)

- 3.76 painting** (n) /'peɪntɪŋ/  
the activity of using paint to create pictures • Lydia is very good at painting. > paint (v), painter (n) ❖ رسم
- 3.77 3D printing** (n) /,θri: di: 'prɪntɪŋ/  
the act of making whole objects on a printer by creating lots of layers of material • Imagine creating clothes and trainers by 3D printing. It's happening now! ❖ طباعة ثلاثية الأبعاد
- 3.78 workshop** (n) /'wɜ:kʃɒp/  
a group meeting where you can learn to do sth practical; a session where you can discuss a subject in a small group • There was a photography workshop at the fair. ❖ ورشة عمل

- 3.79 engineering** (n) /,endʒɪ'nɪərɪŋ/  
planning and building things like roads, bridges or machines • Janet is studying engineering at university. > engineer (n) ❖ هندسة

### LOOK!

The word *workshop* can have two different meanings.

You can learn about our projects in the **workshops** during the exhibition. (a meeting where people discuss things or do practical work)  
Sandra makes jewellery in her **workshop**. (a place where things are made or fixed)

## Listening Page 34

- 3.80 similarity** (n) /sɪmə'lærəti/  
If there is a similarity between things or people, they are almost the same. • They've both got long curly hair. That's one similarity. > similar (adj) ❖ تشابه
- 3.81 difference** (n) /'dɪfrəns/  
something that is not the same • The main difference between sending emails or letters is that emailing is faster. ❖ اختلاف
- 3.82 carefully** (adv) /'keəfəli/  
with care and paying attention to detail • Listen carefully to the instructions before you begin to speak. > care (n, v), careful (adj) ❖ بعناية
- 3.83 look for** (phr v) /lʊk fə(r)/  
try to find • Tom looked for his glasses everywhere, but he couldn't find them. ❖ بحث
- 3.84 concert** (n) /'kɒnsət/  
a musical performance • We're having a concert at the end of the school year and I'm singing with my class. ❖ حفلة

## Speaking Page 35

- 3.85 discussion** (n) /dɪ'skʌʃn/  
a conversation between people sharing opinions about sth • We had an interesting discussion about how technology affects our lives. > discuss (v) ❖ مناقشة
- 3.86 communicate** (v) /kə'mju:nɪkeɪt/  
to share information with sb, e.g. by writing or talking • Wendy's friends in Ireland sometimes communicate with her through Facebook. > communication (n) ❖ يتواصل
- 3.87 in touch** (phr) /ɪn tʌtʃ/  
in contact • I hope we can keep in touch when you go to study in Plymouth. ❖ على اتصال بـ

- 3.88** **respond** (v) /rɪ'spɒnd/  
reply to sth that sb said or wrote • *Keith didn't respond to my emails, so I phoned to see if he was OK.* > response (n), responsive (adj)  
❖ يستجيب
- 3.89** **opinion** (n) /ə'pɪnɪən/  
what you think of sth • *What's your opinion of using social media? Do you think it's helpful?*  
❖ رأي

## Vocabulary Page 36

- 3.90** **excellent** (adj) /'eksələnt/  
very good • *This shop has excellent discounts on phones and computers. It's a good time to buy something.* ❖ ممتاز
- 3.91** **modern** (adj) /'mɒdn/  
new and different from old styles • *My grandma doesn't like old furniture, so her home is very modern.* ❖ حديث
- 3.92** **normal** (adj) /'nɔːml/  
usual • *Our lessons start at 8.30 on normal school days.* > normally (adv) ❖ عادي
- 3.93** **difficult** (adj) /'dɪfɪkəlt/  
not easy • *It was difficult for Lee to learn to speak Bengali.* > difficulty (n) ❖ صعب
- 3.94** **unusual** (adj) /ʌn'juːʒuəl/  
not usual; different • *It's unusual to see people playing hockey in Greece.* ❖ غير مُعتاد
- 3.95** **terrible** (adj) /'terəbl/  
really bad • *Please stop making that terrible noise! I'm doing my homework.* > terribly (adv)  
❖ مُفزع

### Adjectives

|           |           |           |
|-----------|-----------|-----------|
| active    | excellent | safe      |
| creative  | healthy   | sociable  |
| daily     | modern    | technical |
| difficult | normal    | terrible  |
| digital   | personal  | unkind    |
| distant   | remote    | unusual   |

## Grammar Page 37

- 3.96** **computer science** (n) /kəm'pjʊ:tə 'saɪəns/  
the subject in which you study computers and how to use them • *Lisa is studying computer science.* ❖ علوم الكمبيوتر
- 3.97** **switch on** (phr v) /swɪtʃ ɒn/  
to press sth (e.g. a switch or button) to make sth start working • *Jack switched on the TV to watch the news.* ❖ يُشغّل
- 3.98** **heading** (n) /'hedɪŋ/  
a title at the start of a piece of writing • *It's helpful to write a different heading for each part of your report.* > head (v) ❖ مُقدمة

- 3.99** **switch off** (phr v) /swɪtʃ ɒf/  
to press sth (e.g. a switch or button) to make sth stop working • *I switched off the light and went to sleep.* ❖ يُوقف تشغيل
- 3.100** **leave** (v) /li:v/  
to go away • *Our plane leaves at 6.30 a.m.*  
❖ يترك
- 3.101** **robotics** (n) /rəʊ'bɒtɪks/  
the activity of creating and operating a robot • *Marianna loves technology, so she goes to a robotics club every weekend.*  
❖ الرَّبوتيات: تصميم الرَّبوتات وتشغيلها
- 3.102** **meeting** (n) /'mi:tɪŋ/  
an event when people get together to discuss sth important • *I can't go to the meeting about the robotics show tomorrow. Can you take some notes for me?* > meet (v)  
❖ اجتماع
- 3.103** **fair** (n) /feə(r)/  
an event where people can present and sell different things and entertain the public • *The school band is playing at the summer fair.* ❖ معرض
- 3.104** **lab** (n) /læb/  
a room where experiments are done • *These robots have been developed in labs in China.* > laboratory (n) ❖ معمل
- 3.105** **floor** (n) /flɔː(r)/  
a level of a building • *Bob's flat is on the third floor.* ❖ طابق

### Events

|         |         |          |
|---------|---------|----------|
| concert | match   | show     |
| fair    | meeting | workshop |

## Writing Pages 38–39

- 3.106** **event** (n) /ɪ'vent/  
an occasion that is planned • *New Year's Eve is an important event in Scottish culture.*  
❖ حدث/فعالية
- 3.107** **transport** (n) /'trænspɔːt/  
a way of carrying people from place to place • *Before people had cars, they used horses for transport.* > transport (v) ❖ وسيلة نقل
- 3.108** **live** (adj) /laɪv/  
that you see as it happens • *I've got tickets to see the live dance show at the theatre.* > live (adv) ❖ مُباشر
- 3.109** **experiment** (n) /ɪks'perɪmənt/  
a scientific test • *The experiment we did in the science lab didn't work.* > experiment (v), experimental (adj) ❖ تجربة

- 3.110 noon** (n) /nu:n/  
12 o'clock during the day • *They stopped working at noon for a lunch break.*  
❖ فترة الظهرة    📖 Syn: midday
- 3.111 contact** (n) /'kɒntækt/  
communication; a person who you can communicate with • *We've got your contact details and we'll get in touch with you soon.*  
> contact (v) ❖ جهة اتصال
- 3.112 midday** (n) /,mɪd'deɪ/  
12 o'clock during the day; the time just after morning • *After our morning lessons, we have a lunch break at midday.* ❖ مُنتصف اليوم  
📖 Syn: noon

### Technology and communication

| Nouns            | Verbs       | Phrases           |
|------------------|-------------|-------------------|
| computer science | check       | in touch          |
| contact          | communicate | on the other hand |
| discussion       | discover    |                   |
| engineering      | download    |                   |
| experiment       | enter       |                   |
| lab              | follow      |                   |
| laptop           | program     |                   |
| mobile phone     | respond     |                   |
| opinion          | send        |                   |
| post             | text        |                   |
| printer          |             |                   |
| robotics         |             |                   |
| screen           |             |                   |
| social media     |             |                   |
| survey           |             |                   |
| technology       |             |                   |
| text message     |             |                   |
| the internet     |             |                   |
| the web          |             |                   |
| web page         |             |                   |
| 3D printing      |             |                   |

- 3.116 effect** (n) /ɪ'fekt/  
the change that sth makes to sb/sth else; a result • *The weather often has an effect on how we feel.* > affect (v), effective (adj), effectively (adv) ❖ تأثير
- 3.117 negative** (n) /'negətɪv/  
a bad point or effect • *I'd like to study in another country. The only negatives are the cost and being away from my family.*  
> negative (adj), negatively (adv)  
❖ سلبي    📖 Opp: positive
- 3.118 unkind** (adj) /,ʌn'kaɪnd/  
not nice to others • *It's terrible to see people being unkind to animals.* > unkindness (n)  
❖ قاسٍ؛ فظٍ    📖 Opp: kind
- 3.119 comment** (n) /'kɒment/  
an opinion you say or write about sb/sth  
• *The teacher wrote some good comments on Ali's project.* > comment (v) ❖ تعليق
- 3.120 socialise** (v) /'səʊʃəlaɪz/  
to spend time enjoying yourself with other people • *Georgia usually socialises with her friends at the local café.* > sociable, social (adj) ❖ يُعاشر الناس
- 3.121 chemical** (n) /'kemɪkl/  
a substance made using a scientific process  
• *Some of the chemicals used to kill insects on farms can be bad for our health.* > chemical (adj) ❖ كيميائي
- 3.122 dopamine** (n) /'dəʊpəmi:n/  
a chemical that is created by nerve cells in the brain • *Doing something that is fun creates dopamine in your brain, which makes you feel happy.* ❖ الدوبامين
- 3.123 post** (n) /pəʊst/  
a message written on the internet; a part of a blog • *I never have time to read all the posts on Instagram every day. I only look at the most interesting ones.* > post (v) ❖ منشور
- 3.124 alone** (adv) /ə'ləʊn/  
without any other person • *Don't walk in the forest alone.* ❖ وحيد
- 3.125 survey** (n) /'sɜ:vɪ/  
a set of questions you ask to get people's opinions on a particular subject • *I answered ten questions in a survey about using the internet.* > survey (v) ❖ استقصاء

## Live well, study well

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- 3.113 positive** (n) /'pɒzətɪv/  
a good point or effect • *The weather will be warm and dry for our trip. So that's a positive.*  
> positive (adj), positively (adv)  
❖ إيجابي    📖 Opp: negative
- 3.114 education** (n) /,edʒu'keɪʃn/  
the process of teaching and learning • *Every child needs to have a good education to prepare for life in the future.* > educate (v)  
❖ تعليم
- 3.115 creative** (adj) /kri'eɪtɪv/  
with a lot of skill and imagination • *Cheryl is creative and she writes unusual stories.*  
> create (v), creation (n) ❖ مُبدع