**3** Getting technical

**Glossary**

# Page 29

* 1. **technical** (adj) /ˈteknɪkl/

related to using machines or scientific methods

* + - *Amal called for technical support when her laptop stopped working.* ➣ technically (adv)
* techniczny
  1. **technology** (n) /tekˈnɒlədʒi/

the science used to discover and design new things ● *Modern technology helps us to communicate with people around the world.*

➣ technological (adj) ❖ technologia

* 1. **daily** (adj) /ˈdeɪli/

of every day ● *Can you describe your daily routine?* ❖ codzienny

Reading **Pages 30–31**

* 1. **use** (v) /juːz/

to do an action with sth for a certain purpose

* + - *Use a pencil to complete the form.* ➣ use (n), useless (adj), useful (adj) ❖ używać
  1. **move** (v) /muːv/

to go to live or work in a different place ●

*My parents moved to Australia before I was born.* ➣ movement (n) ❖ przeprowadzać się, przenosić się

* 1. **farmer** (n) /ˈfɑːmə(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) ❖ rolnik

* 1. **mobile phone** (n) /ˌməʊbaɪl ˈfəʊn/

a phone that you can carry and use any place you go ● *Switch off your mobile phones in the exam room.* ❖ telefon komórkowy

* 1. **message** (n) /ˈmesɪdʒ/

a note sent on a mobile phone ● *Ursula was waiting for her friends when she got a message on her phone.* ❖ wiadomość

* 1. **notice** (n) /ˈnəʊtɪs/

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) ❖ ogłoszenie

* 1. **context** (n) /ˈkɒntekst/

the words before and after a word or phrase which affects the meaning ● *Try to guess the meaning of new words from their context.*

* kontekst
  1. **email** (n) /ˈiːmeɪl/

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) ❖ email, wiadomość mailowa
  1. **note** (n) /nəʊt/

a short message written on paper ● *Mum left a note on the fridge with things we needed to buy.* ➣ note (v) ❖ notatka, zapisek

* 1. **noticeboard** (n) /ˈnəʊtɪsbɔːd/

a board on a wall where you can put notes or pictures, etc. ● *I read the advert for*

*the show on the school noticeboard.*

* tablica ogłoszeń
  1. **for sale** (phr) /fə(r) seɪl/

ready for sb to buy ● *There were some interesting video games for sale in the shop.*

* na sprzedaż
  1. **screen** (n) /skriːn/

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.* ❖ ekran

* 1. **sell** (v) /sel/

to give sth in exchange for money ● *Does this shop sell TVs?* ➣ sale (n) ❖ sprzedawać

* 1. **change** (v) /tʃeɪndʒ/

make sth different ● *Don’t change the colour of your hair. It’s great!* ➣ change (n), changeable (adj) ❖ zmieniać

* 1. **digital** (adj) /ˈdɪdʒɪtl/

showing information as electronic images

* + - *Can you show me how to upload digital photos?* ❖ cyfrowy
  1. **planet** (n) /ˈplænɪt/

a natural round object in space that travels around a star ● *We need to look after our planet Earth.* ➣ planetary (adj) ❖ planeta

* 1. **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) ❖ wyprzedaż

* 1. **out of this world** (phr) /aʊt əv ðɪs ˈwɜːld/ extremely good or beautiful ● *The view from the top of the hill is out of this world! You can see for miles.* ❖ nie z tej ziemi, nieziemski
  2. **printer** (n) /ˈprɪntə(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) ❖ drukarka

* 1. **discount** (n) /ˈdɪskaʊnt/

a lower price than usual; an amount cut off a price ● *Students are allowed a* 50*% discount on train tickets.* ❖ rabat, upust

* 1. **half** (adj) /hɑːf/

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) ❖ pół
  1. **selected** (adj) /sɪˈlektɪd/

specially chosen ● *A selected number of students will take part in the national robotics competition.* ➣ select (v), selection (n)

* wybrany, wyselekcjonowany
  1. **laptop** (n) /ˈlæptɒp/

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.* ❖ laptop
  1. **hour** (n) /ˈaʊə(r)/

a period of 60 minutes ● *The school bus takes an hour to bring us home.*

➣ hourly (adj, adv) ❖ godzina

* 1. **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)

* drukować
  1. **invitation** (n) /ˌɪnvɪˈteɪʃn/

a card or small letter asking somebody to come to a special event ● *Remember to send the invitations for the party.* ➣ invite (v)

* zaproszenie
  1. **password** (n) /ˈpɑːswɜːd/

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.* ❖ hasło

* 1. **download** (v) /ˌdaʊnˈləʊd/

to put a file from the internet onto your computer ● *Sometimes Margot downloads books to read on her tablet.* ➣ download (n)

* pobierać
  1. **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) ❖ plik

* 1. **the internet** (n) /di ˈɪntənet/

the international computer network ● *You can look up the meanings of new words on the internet.* ❖ internet

* 1. **text** (v) /tekst/

to write and send a short message on a mobile phone ● *Please text me when you get home.*

➣ text (n) ❖ esemesować

* 1. **send** (v) /send/

to make sth go somewhere ● *Did you send all the invitations by email?* ➣ sender (n)

* wysyłać
  1. **work on** (phr v) /wɜːk ɒn/

to try to complete sth ● *I’m working on building a robot with some of my classmates.*

* pracować nad
  1. **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.*

* krowa
  1. **sheep** (n) /ʃiːp/

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.*
* owca ✎ Plural: sheep
  1. **goat** (n) /ɡəʊt/

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.* ❖ koza

* 1. **follow** (v) /ˈfɒləʊ/

to move behind sb or sth ● *Tom’s cat followed him to the bus stop.* ➣ follower (n), following (adj) ❖ iść za

* 1. **own** (v) /əʊn/

to have sth that is yours ● *Who owns that bike outside? Is it yours?* ➣ owner (n)

* posiadać, być właścicielem
  1. **remote** (adj) /rɪˈməʊt/

far away from places where many people live

* + - *My grandparents live in a remote village on an island.* ❖ odległy, daleki
  1. **reserve** (n) /rɪˈzɜːv/

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) ❖ rezerwat

* 1. **app** (n) /æp/

a piece of software on a smartphone

* + - *This app is useful to see what the weather will be like.* ❖ apka, aplikacja
  1. **find out** (phr v) /faɪnd aʊt/

to learn about, to discover ● *Let’s find out what’s wrong with your computer.*

* dowiadywać się
  1. **primary school** (n) /ˈpraɪməri skuːl/

a school for children from 4 or 5 to 11 or 12 years old in the UK ● *Who was your*

*favourite teacher at primary shool?* ❖ szkoła podstawowa

* 1. **tablet** (n) /ˈtæblət/

a thin computer with a touch screen ● *Tablets are easier to carry around than laptops.*

* tablet
  1. **distant** (adj) /ˈdɪstənt/

far away ● *In the past, explorers travelled to distant lands by ship.* ➣ distance (n)

* odległy, daleki
  1. **far (away)** (adv) /fɑː(r) (əˈweɪ)/

not near ● *Do you live far from the school?*

➣ far (adj) ❖ daleko

* 1. **program** (n) /ˈprəʊɡræm/

a set of instructions that a machine follows to do sth ● *This computer program corrects your spelling.* ➣ program (v), programmer (n)

* program
  1. **discover** (v) /dɪˈskʌvə(r)/

find sb/sth that was hidden or unknown

* + - *The explorers discovered the entrance to a cave.* ➣ discovery (n) ❖ odkrywać

Vocabulary **Page 32**

* 1. **camera** (n) /ˈkæmrə/

a piece of equipment that you use to take photos or videos ● *You take lovely photos. What kind of camera have you got?*

* aparat fotograficzny
  1. **web page** (n) /web peɪʤ/

a page on the internet with information about a business, organisation or person ● *Maria likes looking at web pages about travelling.*

* strona internetowa
  1. **the web** (n) /ðə web/

the internet ● *You can find information about almost everything on the web.* ❖ sieć

* 1. **healthy** (adj) /ˈhelθi/

well and not getting ill easily ● *Gordon keeps healthy by eating well and going for long walks.* ➣ health (n), healthily (adv)

* zdrowy ✎ Opp: unhealthy
  1. **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.* ❖ mózg
  1. **active** (adj) /ˈæktɪv/

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)

* aktywny
  1. **safe** (adj) /seɪf/

not in danger ● *Keep a note of your passwords in a safe place.* ➣ safety (n) ❖ bezpieczny

✎ Opp: unsafe

* 1. **personal** (adj) /ˈpɜːsənl/

belonging to one person ● *I never give all my personal details on Facebook.*

➣ personally (adj), personality (n)

* osobisty
  1. **regularly** (adv) /ˈreɡjələli/

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) ❖ regularnie

* 1. **sociable** (adj) /ˈsəʊʃəbl/

enjoying being with other people ● *Karen is very sociable and she likes making new friends.* ➣ socialise (v) ❖ towarzyski

* 1. **put away** (phr v) /pʊt əˈweɪ/

put (sth) in its correct place ● *The students put away their books before they left the classroom.* ❖ odkładać

* 1. **social media** (n) /ˈsəʊʃl ˈmiːdɪə/

websites where people connect with each other to share news and opinion ● *Don’t give out too much information on social media.*

* media społecznościowe
  1. **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)

* nastolatek ✎ Syn: teenager /ˈtiːneɪdʒə(r)/
  1. **constantly** (adv) /ˈkɒnstəntli/

all the time, without stopping ● *Sandy is constantly chatting to her friends on social media.* ➣ constant (adj) ❖ stale, ciągle

* 1. **throughout** (prep) /θruːˈaʊt/

during the whole time that sth is happening

* + - *The children played video games throughout the journey.* ❖ przez cały czas
  1. **feel** (v) /fiːl/

to have a certain feeling ● *Carol is feeling better today, so she’s going to school.*

➣ feeling (n) ❖ czuć

* 1. **on the other hand** (phr) /ɒn ðə ˈʌðə(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.* ❖ z drugiej strony
  2. **check** (v) /tʃek/

to look at sth to see how it is ● *Did you check your emails this morning?* ➣ check (n)

* sprawdzać
  1. **enter** (v) /ˈentə(r)/

go into ● *The door opened slowly, and a man in white entered the room.* ➣ entrance (n), entry (n) ❖ wchodzić

* 1. **chat** (v) /ʧæt/

to talk (or send texts) in a friendly way

* + - *Mum is chatting to her friend on the phone.*

➣ chat (n) ❖ pogadać, czatować

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

planning and building things like roads, bridges or machines ● *Janet is studying engineering at university.* ➣ engineer (n) ❖ inżynieria

**Phrasal verbs**

find out print out

look for put away

switch on/off work on

**LOOK!**

Grammar **Page 33**

* 1. **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.* ❖ pokaz

* 1. **relative** (n) /ˈrelətɪv/

a family member ● *Most of Ola’s cousins and other relatives live in Warsaw.* ➣ relate (v), relation (n), relationship (n) ❖ krewny

* 1. **orchestra** (n) /ˈɔːkɪstrə/

a large group of musicians who play different instruments together ● *Stephanie plays the violin in the town orchestra.* ❖ orkiestra

* 1. **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.*

* + - mecz

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)

**LOOK!**

* 1. **painting** (n) /ˈpeɪntɪŋ/

the activity of using paint to create pictures

* *Lydia is very good at painting.* ➣ paint (v), painter (n) ❖ malowanie
  1. **3D printing** (n) /ˌθriː diː ˈprɪntɪŋ/

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!* ❖ drukowanie 3D

* 1. **workshop** (n) /ˈwɜːkʃɒp/

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.* ❖ warsztaty

Listening **Page 34**

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)

* 1. **similarity** (n) /sɪməˈlærəti/

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) ❖ podobieństwo

* 1. **difference** (n) /ˈdɪfrəns/

something that is not the same ● *The main difference between sending emails or letters is that emailing is faster.* ❖ różnica

* 1. **carefully** (adv) /ˈkeəfəli/

with care and paying attention to detail

* + - *Listen carefully to the instructions before you begin to speak.* ➣ care (n, v), careful (adj)
* ostrożnie, uważnie
  1. **look for** (phr v) /lʊk fə(r)/

try to find ● *Tom looked for his glasses everywhere, but he couldn’t find them.*

* szukać
  1. **concert** (n) /ˈkɒnsət/

a musical performance ● *We’re having a concert at the end of the school year and I’m singing with my class.* ❖ koncert

Speaking **Page 35**

* 1. **discussion** (n) /dɪˈskʌʃn/

a conversation between people sharing opinions about sth ● *We had an interesting discussion about how technology affects our lives.* ➣ discuss (v) ❖ dyskusja

* 1. **communicate** (v) /kəˈmjuːnɪkeɪt/

to share information with sb, e.g. by writing or talking ● *Wendy’s friends in Ireland sometimes communicate with her through Facebook.*

➣ communication (n) ❖ komunikować, porozumiewać się

* 1. **in touch** (phr) /ɪn tʌtʃ/

in contact ● *I hope we can keep in touch when you go to study in Plymouth.* ❖ w kontakcie

* 1. **respond** (v) /rɪˈspɒnd/

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)

* odpowiadać
  1. **opinion** (n) /əˈpɪnjən/

what you think of sth ● *What’s your opinion of using social media? Do you think it’s helpful?*

* opinia, zdanie

Vocabulary **Page 36**

* 1. **excellent** (adj) /ˈeksələnt/

very good ● *This shop has excellent discounts on phones and computers. It’s a good time to buy something.* ❖ wspaniały

* 1. **modern** (adj) /ˈmɒdn/

new and different from old styles ● *My grandma doesn’t like old furniture, so her home is very modern.* ❖ nowoczesny

* 1. **normal** (adj) /ˈnɔːml/

usual ● *Our lessons start at 8.30 on normal school days.* ➣ normally (adv) ❖ normalny, zwyczajny

* 1. **difficult** (adj) /ˈdɪfɪkəlt/

not easy ● *It was difficult for Lee to learn to speak Bengali.* ➣ difficulty (n) ❖ trudny

* 1. **unusual** (adj) /ʌnˈjuːʒuəl/

not usual; different ● *It’s unusual to see people playing hockey in Greece.* ❖ niezwykły, niecodzienny

* 1. **terrible** (adj) /ˈterəbl/

really bad ● *Please stop making that terrible noise! I’m doing my homework.* ➣ terribly (adv)

* okropny
  1. **heading** (n) /ˈhedɪŋ/

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) ❖ nagłówek, tytuł

* 1. **switch off** (phr v) /swɪtʃ ɒʃ/

to press sth (e.g. a switch or button) to make sth stop working ● *I switched off the light and went to sleep.* ❖ wyłączać

* 1. **leave** (v) /liːv/

to go away ● *Our plane leaves at 6.30 a.m.*

* + - odjeżdżać, opuszczać
  1. **robotics** (n) /rəʊˈbɒtɪks/

the activity of creating and operating a robot

* *Marianna loves technology, so she goes to a robotics club every weekend.* ❖ robotyka
  1. **meeting** (n) /ˈmiːtɪŋ/

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)

* + - spotkanie
  1. **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.* ❖ targi
  1. **lab** (n) /læb/

a room where experiments are done ● *These robots have been developed in labs in China.*

➣ laboratory (n) ❖ laboratorium

* 1. **floor** (n) /flɔː(r)/

a level of a building ● *Bob’s flat is on the third floor.* ❖ piętro

**Events**

concert fair

match meeting

show workshop

Grammar **Page 37**

* 1. **computer science** (n) /kəmˌpjuːtə ˈsaɪəns/ the subject in which you study computers and how to use them ● *Lisa is studying computer science.* ❖ informatyka
  2. **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.* ❖ włączać

Writing **Pages 38–39**

* 1. **event** (n) /ɪˈvent/

**Adjectives**

active creative daily difficult digital distant

excellent healthy modern normal personal remote

safe sociable technical terrible unkind unusual

an occasion that is planned ● *New Year’s Eve is an important event in Scottish culture.*

* + - wydarzenie
  1. **transport** (n) /ˈtrænspɔːt/

a way of carrying people from place to place

* *Before people had cars, they used horses for transport.* ➣ transport (v) ❖ transport
  1. **live** (adj) /laɪv/

that you see as it happens ● *I’ve got tickets to see the live dance show at the theatre.* ➣ live (adv) ❖ na żywo

* 1. **experiment** (n) /ɪksˈperɪmənt/

a scientific test ● *The experiment we did in the science lab didn’t work.* ➣ experiment (v), experimental (adj) ❖ eksperyment

* 1. **noon** (n) /nuːn/

12 o’clock during the day ● *They stopped working at noon for a lunch break.*

* + - południe ✎ Syn: midday
  1. **contact** (n) /ˈkɒntækt/

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) ❖ osoba kontaktowa

* 1. **midday** (n) /ˌmɪdˈdeɪ/

12 o’clock during the day; the time just after morning ● *After our morning lessons, we have a lunch break at midday.* ❖ południe, środek dnia ✎ Syn: noon

# Technology and communication

* 1. **effect** (n) /ɪˈfekt/

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) ❖ efekt, wpływ

* 1. **negative** (n) /ˈneɡətɪv/

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)

* + - minus ✎ Opp: positive
  1. **unkind** (adj) /ˌʌnˈkaɪnd/

not nice to others ● *It’s terrible to see people being unkind to animals.* ➣ unkindness (n)

* + - niemiły ✎ Opp: kind
  1. **comment** (n) /ˈkɒment/

## Nouns

computer science contact discussion engineering experiment

lab laptop

mobile phone opinion

post printer robotics screen

social media survey technology text message the internet the web

web page 3D printing

## Verbs

check communicate discover download enter

follow program respond send text

## Phrases

in touch

on the other hand

an opinion you say or write about sb/sth

* *The teacher wrote some good comments on Ali’s project.* ➣ comment (v) ❖ komentarz
  1. **socialise** (v) /ˈsəʊʃəlaɪz/

to spend time enjoying yourself with other people ● *Georgia usually socialises with her friends at the local café.* ➣ sociable, social (adj) ❖ udzielać się towarzysko, spędzać czas z innymi

* 1. **chemical** (n) /ˈkemɪkl/

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) ❖ substancja chemiczna
  1. **dopamine** (n) /ˈdəʊpəmiːn/

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.* ❖ dopamina

* 1. **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*

Live well, study well

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* 1. **positive** (n) /ˈpɒzətɪv/

a good point or effect ● *The weather will be warm and dry for our trip. So that’s a positive.*

➣ positive (adj), positively (adv)

* plus ✎ Opp: negative
  1. **education** (n) /ˌedʒuˈkeɪʃn/

the process of teaching and learning ● *Every child needs to have a good education to prepare for life in the future.* ➣ educate (v)

* + - edukacja
  1. **creative** (adj) /kriˈeɪtɪv/

with a lot of skill and imagination ● *Cheryl is creative and she writes unusual stories.*

➣ create (v), creation (n) ❖ twórczy, kreatywny

*interesting ones.* ➣ post (v) ❖ post

* 1. **alone** (adv) /əˈləʊn/

without any other person ● *Don’t walk in the forest alone.* ❖ samemu

* 1. **survey** (n) /ˈsɜːveɪ/

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) ❖ ankieta