

## Unit 5

### Emerging technologies

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**5.1 emerging** (adj) /i'mɜ:dʒɪŋ/ - nově vznikající; vstupující ve známost new, just beginning to exist or become known • *She's an emerging artist from Spain. You may not have heard of her yet.*

➤ emerge (v) ❖

**5.2 sample** (n) /sɑ:mpl/ - vzorek a small amount of sth that you can use to taste or get information about the rest of it • *The doctor needed a sample of blood.*

❖

**5.3 bacteria** (n pl) /bæk'tɪəriə/ - bakterie very small organisms that live everywhere and can cause disease • *They discovered the bacteria that caused the illness in the water.*

Reading

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**5.4 cause** (v) /kɔ:z/ - způsobit make sth (usually bad) happen • *The storm caused terrible destruction in the area.* ➤ cause (n) ❖

**5.5 monitor** (v) /'mɒnɪtə(r)/ - sledovat watch and check carefully to see how a situation develops or to get information • *The police monitored the suspect's phone calls.* ➤ monitor (n) ❖

**5.6 drone** (n) /drəʊn/ - dron a small aircraft without a pilot that is controlled by sb on the ground • *Many drones have cameras so you can take photos from above.* ❖

**5.7 slam** (v) /slæm/ - bouchnout; prásknout crash into sth with a lot of force • *The driver lost control of the car and slammed into a tree.* ❖

**5.8 asteroid** (n) /'æstə,rɔɪd/ - asteroid

one of the many big rocks that go around the sun • *The asteroid flew within 200,000 miles of the Earth.* ❖

**5.9 redirection** (n) /,ri:də'rekʃn/ - přesměrování the act of changing the direction in which sth moves • *Don't worry – redirection to our new web address is automatic.* ➤ redirect (v) ❖

**5.10 orbit** (v) /'ɔ:bit/ - obíhat okolo move or make sth move in a circle around sth else • *It takes the Earth a year to orbit the sun.* ➤ orbit (n) ❖

**5.11 impact** (n) /'ɪmpækt/ - dopad; náraz the force with which sth hits sth else • *The scientists calculated the impact of the asteroid hitting our planet.* ➤ impact (v) ❖

**5.12 record** (v) /rɪ'kɔ:d/ - zaznamenat write down information so that you can keep it for the future • *The police recorded every move the suspect made.* ➤ record (n) ❖

**5.13 precise** (adj) /pri'saɪs/ - přesný exact • *I can give you a general outline, but I don't yet know the precise details of what happened.* ➤ precision (n) ❖

**5.14 planetary** (adj) /'plænɪtəri/ - planetární related to planets • *There are thousands of planetary systems in our galaxy.* ➤ planet (n) ❖

**5.15 defence** (n) /dɪ'fens/ - obrana protection against attack or criticism • *When the bullies attacked her brother, she leapt to his defence.* ➤ defend (v), defensive (adj) ❖

**5.16 collision** (n) /kə'lɪʒn/ - srážka; střet an accident in which two moving objects or people crash into each other • *The pilot avoided the collision by changing course at the last minute.* ➤ collide (v) ❖

**5.17 decrease** (v) /dɪ'kri:s/ - snížit se make or become smaller • *As a result of the new measures, crime in inner city areas has decreased by 10%.* ➤ decrease (n) ❖ ✎ Syn: reduce

**5.18 military** (adj) /'mɪlɪtri/ - vojenský  
related to the army • *The soldiers were wearing brown military uniforms.* ❖

**5.19 eager** (adj) /'i:gə(r)/ - horlivý;  
dychtivý  
wanting to do sth very much • *The staff were all very kind and eager to help us.*

➤ eagerness (n) ❖ ✎ Syn: willing

**5.20 remote-control** (adj) /rɪ,məʊt  
kən'trəʊl/ - dálkově ovládaný  
that you can control from a distance • *The car has remote-control central locking. Just press this button and all the doors will automatically lock.* ❖

**5.21 aid** (n) /eɪd/ - pomoc  
money, food or other supplies that an organisation or country gives to a group of people in need or to a poor country  
• *Thousands of lives will be saved when the aid arrives in the country.* ❖

**5.22 humanitarian** (adj)  
/hju:ˌmæni'teəriən/ - humanitární  
aiming to improve people's lives and reduce suffering • *The prisoner was very ill so they decided to set him free for humanitarian reasons.* ❖

**5.23 assignment** (n) /ə'saɪnmənt/ - úkol  
a task that you ask sb to do as part of their job or studies • *They sent him abroad on a very difficult assignment.* ➤ assign (v) ❖

**5.24 survivor** (n) /sə'vaɪvə(r)/ - přeživší  
a person who continues to live after experiencing great danger or difficulty • *Unfortunately, there were only two survivors of the plane crash.* ➤ survive (v), survival (n) ❖

**5.25 flood** (n) /flʌd/ - povodeň  
a large amount of water covering an area that is normally dry • *The heavy rain has caused floods all over the country.* ➤ flood (v) ❖

**5.26 transport** (v) /træn'spɔ:t/ - přepravit  
move goods or people from one place to another • *Most products are transported by road across the country.* ➤ transport (n), transportation (n) ❖

**5.27 vital** (adj) /'vaɪtl/ - životně důležitý;  
zásadní  
necessary or extremely important • *The mayor's support is vital to the success of the project.* ❖

**5.28 poacher** (n) /'pəʊtʃə(r)/ - pytlák  
sb that hunts animals illegally • *Unfortunately, poachers are still killing elephants and rhinos.* ❖

**5.29 capture** (v) /'kæptʃə(r)/ - odchytit;  
zajmout  
catch a person or animal and keep them in a place from which they can't escape • *They capture wild animals and sell them to zoos.* ➤ capture (n), captive (adj) ❖

**5.30 sense** (v) /sens/ - vycítit  
feel or experience sth • *I could sense that he wasn't happy although he said he was.* ➤ sense (n) ❖

**5.31 astrophysicist** (n) /,æstrəʊ'fɪzɪsɪst/ -  
astrofyzik  
a scientist who studies stars and other objects in space • *Some astrophysicists believe it is possible that human beings will move to other planets in the near future.* ➤ astrophysics (n) ❖

**5.32 equipped** (adj) /ɪ'kwɪpt/ - vybavený  
having the necessary tools and clothes for a particular purpose • *Our kitchen is equipped with all modern appliances.* ➤ equip (v), equipment (n) ❖

**5.33 acronym** (n) /'ækrənɪm/ - písmenná  
zkratka  
an abbreviation that is pronounced as a word • *NASA is an acronym for the National Aeronautics and Space Administration.* ❖

**5.34 rough** (adj) /rʌf/ - hrubý; přibližný  
not exact • *I think I have a rough idea of what you mean, but can you give me more details?* ❖ ✎ Opp: precise, exact

**5.35 highlight** (v) /'haɪlaɪt/ - zdůraznit  
emphasise sth important • *The study highlights the need to take measures urgently.* ❖ ✎ Syn: emphasise

**5.36 illegally** (adv) /ɪ'li:gəli/ - nezákonně; nedovoleně  
in a way that breaks the law • *I got a fine for parking illegally.* ➤ illegal (adj) ❖  
🔪 Opp: legally

## Vocabulary

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**5.37 access** (v) /'ækses/ - dostat se k  
be able to open a computer file, website,  
etc. • *I couldn't access my documents  
because I had forgotten my password.* ➤  
access (n) ❖

**5.38 attachment** (n) /ə'tætʃmənt/ -  
příloha  
a file included in an email • *There were  
two attachments in the email he sent us.  
Did you download the files?* ➤ attach (v)  
❖

**5.39 backup** (n) /'bækʌp/ - záloha  
a copy of the information on a computer  
that is stored separately for security • *I  
make a backup of all my work files every  
day.* ❖

**5.40 bookmark** (n) /'bʊkmɑ:k/ - záložka  
website address saved on a computer so  
it can be easily found • *I've got two online  
dictionaries in my bookmarks.* ➤  
bookmark (v) ❖

**5.41 browse** (v) /braʊz/ - procházet  
look at information on the internet • *I  
found your site while I was browsing and I  
thought it was amazing.* ➤ browser (n) ❖

**5.42 display** (v) /dɪ'spleɪ/ - zobrazit  
show sth on a screen • *The screen will  
display the name of the current user in the  
top righthand corner.* ➤ display (n) ❖

**5.43 undo** (v) /ʌn'du:/ - zrušit  
cancel sth that you did previously on a  
computer • *On a computer you can easily  
undo something if you change your mind.*  
❖

**5.44 upgrade** (v) /ʌp'greɪd/ - vyměnit za  
novější; zmodernizovat; upgradovat  
replace a machine or system with a newer  
or better one • *It's time to upgrade my*

*phone – I've had it for ten years.*

❖ 🔪 Opp: downgrade  
**5.45 virtually** (adv) /'vɜ:tʃuəli/ - virtuálně  
done or seen using a computer or the  
internet, without going anywhere or  
meeting people in person • *You can join  
our class virtually from the comfort of your  
home.* ➤ virtual (adj) ❖

**5.46 anti-virus** (adj) /,ænti'vaɪrəs/ -  
antivirus  
protecting a computer from programs that  
can harm it • *You should use a good anti-  
virus program that protects you without  
slowing down your computer.* ❖

**5.47 broadband** (n) /'brɔ:dbænd/ -  
širokopásmový přenos  
a system that allows a lot of information  
to be shared between computers via the  
internet • *Most homes have broadband  
internet access these days.* ❖

**5.48 database** (n) /'deɪtəbeɪs/ - databáze  
a large amount of information stored on a  
computer so that it can be easily accessed  
and used • *We have more than 10,000  
names and addresses in our database.* ❖

**5.49 desktop** (n) /'deskɒp/ - stolní  
počítač; plocha obrazovky  
a computer that fits on a desk and is not  
intended to be carried around • *I have a  
powerful desktop at work, but just use a  
tablet at home.* ❖

**5.50 headset** (n) /'hedset/ - sluchátka s  
mikrofonem  
a set of headphones with a microphone  
• *I use a headset to listen to music, so as  
not to disturb other people.* ❖

**5.51 hard drive** (n) /'hɑ:d ,draɪv/ - pevný  
disk  
a disk inside a computer or other device  
where large amounts of information can  
be stored and used • *The hard drive on my  
laptop isn't as big as the one on my  
desktop.* ❖ 🔪 Syn: hard disk

**5.52 password** (n) /'pɑ:swɜ:d/ - heslo  
a series of letters, numbers and/or  
symbols that you must type into a

computer to be able to use it • *You can't access these files unless you have the password.* ❖

**5.53 network** (n) /'netwɜ:k/ - síť  
a number of computers that are connected together so that they can share information • *All the computers in our office are on the same network so we can easily send large files to each other.* ❖

**5.54 wireless** (adj) /'waɪələs/ - bezdrátový  
using radio signals rather than cables or wires to connect devices to each other • *You can control your wireless speaker from a distance, using your phone.* ❖

**5.55 virtual reality** (n) /,vɜ:tjuəl ri'ælɪti/ - virtuální realita  
a set of images and sounds produced by a computer which represent a real place or situation • *The use of virtual reality in computer games makes the experience much more engaging.* ❖

**5.56 cloud** (n) /klaʊd/ - vzdálené úložiště  
a network where information is stored that you can access over the internet • *I keep all my files on the cloud so I can access them wherever I am.* ❖

**5.57 hacker** (n) /'hækə(r)/ - hacker  
a person that knows a lot about computers and accesses private computer systems illegally • *A hacker can break into your computer and steal all of the information you store there.* ➤ hack (v) ❖

## Grammar

### Page 57

**5.58 capable** (adj) /'keɪpəbl/ - schopný  
able to do sth and achieve results • *I don't need your help – I'm perfectly capable of doing it myself.* ➤ capability (n) ❖

**5.59 perform** (v) /pə'fɔ:m/ - vykonat;  
provést  
do an action or a task • *Computers can perform millions of calculations in no time.*  
➤ performance (n), performer (n) ❖

## Speaking

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**5.60 lead** (v) /li:d/ - vést  
direct, manage (a conversation) • *The teacher led the discussion so that all the students could express their views.* ➤

leader (n) ❖

**5.61 dominate** (v) /'dɒmɪneɪt/ - vládnout;  
ovládat

not allow other people to participate • *If you're really confident in your abilities, you don't try to dominate others.* ➤

domination (n), dominant (adj) ❖

## Grammar

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**5.62 useless** (adj) /'ju:sləs/ - k ničemu  
not at all good at sth • *I'm afraid I can't help you; I'm useless with computers.* ❖

**5.63 fairly** (adv) /'feəli/ - docela  
slightly more than average • *He's not the tallest boy in his class, but he's fairly tall.*

❖

**5.64 charity** (n) /'tʃærəti/ - charita;  
dobročinný spolek  
an organisation that helps people in need and does not make a profit • *A number of charities have sent money to help the victims of the earthquake.* ➤ charitable (adj) ❖

**5.65 shame** (n) /ʃeɪm/ - hanba; škoda  
sth disappointing that makes you feel sad • *It's such a shame that you didn't come to the party – we had loads of fun.* ❖

↘ Syn: pity

## Use your English

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**5.66 fake** (adj) /feɪk/ - falešný  
not real, but made to look real • *They discovered his passport was fake and arrested him.* ➤ fake (v, n) ❖

**5.67 take (sb) in** (phr v) /teɪk ('sɪmbədi) in/ - oklamat (někoho)

make sb believe sth that is not true • *He's a liar so whatever he says, don't be taken in.* ❖

**5.68 come up** (phr v) /kʌm ʌp/ - objevit se appear; become available • *I looked for more information about the company online, but nothing came up.* ❖

**5.69 do without** (phr v) /du: wiðaʊt/ - obejít se bez manage without having sth • *We'll have to do without coffee today as we've run out.* ❖

**5.70 key (sth) in** (phr v) /ki: (sʌmθɪŋ) ɪn/ - naťukat (do počítače) enter information into a computer or other device by hitting buttons on a keyboard • *It will take hours to key in all these names by hand.* ❖

**5.71 speak up** (phr v) /spi:k ʌp/ - mluvit hlasitěji speak more loudly so that others can hear you • *I can't hear you. Can you speak up, please?* ❖

**5.72 get hold of** (phr v) /get həʊld əv/ - sehnat find sth that you need or want • *I need to get hold of her address – do you happen to have it?* ❖

**5.73 watch out for** (phr v) /wɒtʃ aʊt fə(r)/ - dávat si pozor na be careful so that you will notice if sth is interesting or wrong • *You should always watch out for cars when you cross the road.* ❖

**5.74 fool** (v) /fu:l/ - oklamat trick sb into believing sth that is not true • *He said he could help, but he didn't fool me. I knew he had other plans.* ❖

**5.75 sensor** (n) /'sensə(r)/ - čidlo a device that can tell whether sth is present or has changed • *The security camera has a motion sensor, so it will turn itself on if anyone moves.* ➤ sense (v, n) ❖

**5.76 detect** (v) /di'tekt/ - objevit; zaznamenat

discover sth by using special equipment • *The fire alarm will go off automatically if it detects smoke.* ➤ detection (n) ❖

**5.77 stare** (v) /steə(r)/ - civět; upřeně se dívat look for a long time, with eyes wide open • *You shouldn't stare at people on the train. It's rude.* ❖

**5.78 drop** (n) /drɒp/ - kapka a very small amount of liquid • *I think I felt a drop of rain. Is it raining?* ❖

**5.79 exhausting** (adj) /ɪg'zɔ:stɪŋ/ - vyčerpávající making you feel extremely tired • *It was an exhausting drive, but after six hours I was relieved we were finally there.* ➤ exhaust (v), exhaustion (n) ❖

**5.80 plug (sth) in** (phr v) /plʌg ('sʌmθɪŋ) ɪn/ - strčit (něco) do zásuvky connect sth to a piece of electrical equipment or to the electricity supply • *You need to plug your desktop in before you start using it.* ❖

**5.81 compete** (v) /kəm'pi:t/ - konkurovat try to be better or more successful than sb else • *It's very difficult for small local shops to compete with online stores.* ➤ competition (n) ❖

**5.82 when it comes to** (phr) /wen ɪt kʌmz tə/ - když přijde na; co se týče taking into consideration • *When it comes to cooking, I am completely useless.*

❖ ✎ Syn: with regard to

**5.83 non-verbal** (adj) /,nɒn 'vɜ:bl/ - neverbální without using words • *Body language is a form of non-verbal communication.* ❖

✎ Opp: verbal

**5.84 clue** (n) /klu:/ - vodítko a sign or piece of information that helps you find or understand sth • *The detectives searched the whole building for clues.* ❖

Writing

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**5.85 speculate** (v) /'spekjəleɪt/ - spekulovat  
guess without knowing all the facts • *We can all speculate about the reason why he left, but only he knows the truth.* ➤ speculation (n) ❖

**5.86 variety** (n) /və'raɪəti/ - škála  
many different types of • *She has a variety of hobbies, including skydiving, rollerskating and hiking.* ❖

**5.87 rephrase** (v) /,ri:'freɪz/ - přeformulovat  
say or write sth again in a different way  
• *I couldn't understand what she said, so I asked her to rephrase it.* ❖

**5.88 demonstrate** (v) /'demənstreɪt/ - předvést  
show that you have a particular ability or feeling • *He has demonstrated his creative talent in the stories that he's written.*

➤ demonstration (n) ❖

**5.89 aspect** (n) /'æspekt/ - stránka  
a part of a situation or topic • *We examined every aspect of the problem.* ❖

**5.90 stream** (v) /stri:m/ - streamovat  
send or receive sound and/or video directly over the internet • *We are going to stream the interview live.* ❖

**5.91 drawback** (n) /'drɔ:bæk/ - nevýhoda  
negative point • *It's a fantastic plan; the only drawback is its high cost.* ❖

🔪 Syn: disadvantage

**5.92 consequently** (adv) /'kɒnsɪkwəntli/ - proto  
as a result • *He is usually rather rude and consequently doesn't have many friends.*

➤ consequence (n) ❖

**5.93 addiction** (n) /ə'dɪkʃn/ - závislost  
a habit that involves doing sth harmful, which you are unable to stop • *She is trying to fight her addiction to social media and only uses her phone for an hour a day.* ➤ addict (n), addicted (adj) ❖

**5.94 however** (adv) /,haʊ'evə(r)/ - avšak

in spite of that • *I was feeling ill. However, I tried to get on with my work.* ❖ 🔪 Syn: nevertheless

**5.95 nevertheless** (adv) /,nevəðə'les/ - nicméně  
in spite of what has just been mentioned  
• *The weather was terrible. Nevertheless, they went out for a walk.* ❖ 🔪 Syn: however

**5.96 furthermore** (adv) /,fɜ:ðə'mɔ:(r)/ - nadto  
in addition • *It's the job I always wanted to do. Furthermore, it's very well paid.*

❖ 🔪 Syn: additionally, moreover

**5.97 moreover** (adv) /,mɔ:'rəʊvə(r)/ - navíc  
in addition, also • *He enjoys his job and, moreover, he's really good at it.* ❖

🔪 Syn: additionally, furthermore

Live well, study well

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**5.98 infographic** (n) /,ɪnfəʊ'græfɪk/ - informační grafika  
a picture or diagram that presents information • *The infographic shows how smartphones have changed our lives in the last ten years.* ❖

**5.99 USB stick** (n) /ju:es'bi: ,stɪk/ - fleška  
a small device that you connect to a computer and transfer information to • *I've put the presentation on this USB stick.* ❖

**5.100 keep on top of** (expr) /ki:p ɒn tɒp əv/ - udržovat si nadhled; mít pod kontrolou  
be in control of a situation • *There's no way you can keep on top of all the work you have to do if you don't manage your time better.* ❖

**5.101 commitment** (n) /kə'mɪtmənt/ - závazek; povinnost  
something that you must do that takes your time • *I can't take on any more commitments. I'm already far too busy.* ➤ commit (v), committed (adj) ❖

**5.102 digital** (adj) /'dɪdʒɪtl/ - digitální  
using computer technology • *I bought a digital watch that also measures my blood pressure.* ❖

**5.103 keep track of** (expr) /ki:p træk əv/ - udržovat si přehled  
continue to get information about what is happening or where sb/sth is • *You've had so many different jobs that I can't keep track of what you're doing.* ❖

**5.104 deadline** (n) /'dedlaɪn/ - termín  
the time by which sth must be completed  
• *I thought it wouldn't be difficult to meet the deadline, but there was so much work that in the end I missed it.* ❖

**5.105 complicated** (adj) /'kɒmplɪkətɪd/ - komplikovaný  
having a lot of different parts that are difficult to understand • *The lecture was very complicated and I found it hard to follow.* ➤ complicate (v), complication (n)  
❖ ✎ Opp: simple

**5.106 be aware** (phr) /ə'weə(r)/ - být si vědom  
having knowledge or experience of sth  
• *I wasn't aware that the game had been cancelled.* ➤ awareness (n) ❖  
✎ Opp: unaware

**5.107 screen time** (n) /'skri:n ˌtaɪm/ - čas strávený u obrazovky  
the amount of time sb spends looking at the screen of a TV, computer, smartphone or other electronic device • *The children are allowed an hour of screen time a day.*  
❖

**5.108 balance** (n) /'bæləns/ - rovnováha  
a situation in which things stay equal and have the right relationship between them  
• *It's not always easy to find the right balance between work and leisure.* ❖