

Unit 9

Digital world

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9.1 digital (adj) /'dɪdʒɪtəl/ - digitální
showing information as electronic images
● *Can you show me how to take a good photo with my new digital camera?* ❖

Reading

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9.2 weather forecast (n) /'weðə fə:kɑ:st/ -
předpověď počasí
a description of how sb says the weather
will be the next few days ● *We should
check the weather forecast before we go
hiking.* ❖

9.3 satellite (n) /'sætəlaɪt/ - satelit;
družice
a large device that travels in space around
Earth and sends images and sounds ● *GPS
satellites are in orbit thousands of miles
above the Earth.* ❖

9.4 spacecraft (n) /'speɪskrɑ:ft/ - vesmírná
lod'
a vehicle that travels in space ● *Would you
like to travel in a spacecraft to the moon?*
❖

9.5 image (n) /'ɪmɪdʒ/ - obrázek
a picture ● *The satellite took some
wonderful images of the Earth from space.*
❖

9.6 data (n) /'deɪtə/ - data
information ● *We put all the data in a
document on the computer.* ❖

9.7 broadcast (v) /'brɔ:dkɑ:st/ - vysílat
to send out a radio or TV programme ●
*The news is broadcast every evening at 9
p.m.* ➤ broadcast, broadcaster (n) ❖

9.8 keep track of (phr) /ki:p træk əv/ -
sledovat; udržovat si přehled o
to follow the actions of ● *Jim has changed
jobs so many times that I can't keep track
of what he's doing.* ❖

9.9 NASA (abbrev) /'næsə/ - NASA
National Aeronautics and Space

Administration, an organisation that
studies and sends people to space ●
*NASA, the American space agency, has
sent a spacecraft to Mars.* ❖

9.10 develop (v) /dɪ'veləp/ - vyvinout;
rozvinout
to become bigger, more advanced, etc.

● *Young animals have to grow and
develop and learn many things.* ➤
development (n), developed (adj) ❖

9.11 cube (n) /kju:b/ - krychle; kostka
square object with six sides ● *The dice we
used to play the game were red cubes.*
➤ cubic (adj) ❖

9.12 3D printer (n) /θri: di: 'prɪntə(r)/ - 3D
tiskárna
a machine that reproduces objects from
digital information by using layers of
material ● *The protective face masks were
made by a 3D printer.* ❖

9.13 bounce (v) /baʊns/ - odrazit se
to hit a surface and immediately move
back away from it ● *It was raining so hard
the water was bouncing off the road.* ➤
bounce (n) ❖

9.14 herd (n) /hɜ:d/ - stádo
a group of animals ● *A herd of cows came
running towards us across the field.* ❖

9.15 buffalo (n) /'bʌfələʊ/ - bizon; buvol
an animal like a very large cow or bull with
thick curved horns ● *On our visit to India,
we saw a herd of water buffalo beside a
river.* ❖ 📖 Plural: buffalo, buffaloes

9.16 stage (n) /steɪdʒ/ - fáze
a part of a process ● *The preparation for
the mission to Mars is in its final stage.* ❖

9.17 gather (v) /'gæðə(r)/ - shromáždit
to collect ● *Have you gathered all the
information you need?* ❖

9.18 GPS (n) /dʒi: pi: es/ - GPS
global positioning system, a system that
shows where sb/sth is located using
signals from satellites ● *We didn't get lost
on holiday because our GPS told us where
we were.* ❖


9.19 receiver (n) /rɪ'si:və(r)/ - přijímač

a piece of equipment that picks up signals and changes them to sound or images • *Most new cars now include a GPS receiver to make it easy to find the best route.* ➤

reception (n), receive (v) ❖

9.20 method (n) /'meθəd/ - metoda
a way of doing sth • *An internet search is a fast method of finding news or checking facts.* ➤ methodical (adj) ❖

9.21 triangulation (n) /traɪ,æŋgju'leɪʃn/ - traingulace
a way of finding a position by measuring the distance between two points and the angle from them to a third point • *Explorers used triangulation to draw maps of the country.* ❖

9.22 precise (adj) /pri'saɪs/ - přesný
exact • *This clock is precise and never loses even a second.* ➤ precision (n), precisely (adj) ❖  Opp: imprecise

9.23 work out (phr v) /wɜ:k aʊt/ - přijít na
to find the answer to sth • *I didn't use a dictionary. I worked out the meaning of the word from the sentence.* ❖

9.24 constantly (adv) /'kɒnstəntli/ - neustále
all the time • *Technology is constantly developing and when you buy the latest device, a new one appears on the market.* ➤ constant (adj) ❖

9.25 migration (n) /maɪ'greɪʃn/ - stěhování; migrace
the movement of animals or people from one part of the world to another to find suitable living conditions • *The migration of people from villages to cities has led to cities becoming overcrowded.* ➤ migrate (v), migrant (n) ❖

9.26 photographic (adj) /fəʊtə'græfɪk/ - fotografický
connected with photography • *The latest cameras and other photographic equipment can be expensive, but you might find some bargains online.* ➤ photograph, photography, photographer (n), photograph (v) ❖

9.27 battery (n) /'bætəri/ - baterie

sth inside an engine, a radio, an MP3 player, etc. that supplies electricity to make it work • *My watch has stopped. It needs a new battery.* ❖

9.28 above sea level (phr) /ə'boʊ si: 'levl/ - nad mořem
the height of the sea • *The top of Mount Everest is 8,848 metres above sea level.* ❖

9.29 man-made (adj) /mæn meɪd/ - umělý; člověkem vyrobený
not found in nature but made by man • *Plastic is a man-made material.* ❖

9.30 the Soviet Union (n) /ðə 'səʊviət 'ju:niən/ - Sovětský Svaz
the country USSR • *Moscow was the capital of the old Soviet Union.* ❖

Vocabulary

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9.31 hardware (n) /'hɑ:dweə(r)/ - hardware; technické vybavení počítače
computer machinery and equipment • *My computer hardware is getting old, so I need to buy a new hard drive.* ❖

9.32 invention (n) /ɪn'venʃn/ - vynález
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) ❖

9.33 server (n) /'sɜ:və(r)/ - server
the main computer in a network • *The company website is down because of a problem with the server.* ➤ serve (v), service (n) ❖

9.34 software (n) /'sɒftweə(r)/ - software; počítačové programy
computer programs • *When she got a new computer, she had to transfer all the software from her laptop.* ❖

9.35 webcam (n) /'webkæm/ - webová kamera
a camera on a computer • *My grandparents use their webcam so that we can see them when we talk on the laptop.* ❖

9.36 screen (n) /skri:n/ - obrazovka

the flat part of a television, computer, smartphone, etc. where the picture or information appears • *We bought a television with a 42-inch screen.* ❖

9.37 program (n) /'prəʊgræm/ - program instructions in code that control the way a computer operates • *He writes computer programs for a living.* ➤ program (v), programmer (n) ❖

9.38 the World Wide Web (n) /ðə 'wɜ:ld waɪd 'web/ - celosvětová internetová síť the system of documents on the internet that you can search for information, pictures or sound on a particular subject • *The majority of people around the world today have access to the World Wide Web.* ❖ 📧 abbrev: www

9.39 install (v) /ɪn'stɔ:l/ - instalovat to put a new program onto a computer • *You need to install an app to be able to read the news stories.* ➤ installation (n) ❖

9.40 tablet (n) /'tæblət/ - tablet a thin computer with a touch screen • *Tablets are easier to carry around than laptops.* ❖

9.41 crash (v) /kræʃ/ - spadnout (o počítači) fail (for computers) • *His computer crashed and now he has lost all his work.* ➤ crash (n) ❖

9.42 experiment (v) /ɪks'perɪmənt/ - dělat pokusy to do a scientific test to find out if an idea is true • *Some researchers experiment on animals to test new medicines.* ➤ experiment (n), experimental (adj) ❖

9.43 lab (n) /læb/ - laboratoř a room where scientific experiments are done • *In this lab, we do research on cancer.* ❖ 📧 Note: lab = short form of laboratory

9.44 technophobe (n) /'teknəfəʊb/ - technofob (kdo nemá rád nové technologie) sb who dislikes or is afraid of using new

technology • *Dad is a complete technophobe, who won't even use email!* ❖

Grammar

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9.45 download (v) /,daʊn'ləʊd/ - stáhnout put a file from the internet onto your computer or other device • *Sometimes Mike downloads books to read on his tablet.* ❖

9.46 hand in (phr v) /hænd ɪn/ - odevzdat give sth to a teacher • *'Please hand in your homework tomorrow,' said the teacher.* ❖

9.47 smoke (n) /sməʊk/ - kouř white, grey or black gas that is produced by sth burning • *There was so much smoke from the fire that we couldn't breathe.* ➤ smoke (v) ❖

9.48 factory (n) /'fæktəri/ - továrna a building where things are made • *They make computer hardware in this factory.* ❖

9.49 tool (n) /tu:l/ - nástroj; nářadí a device that you use to make or fix sth • *Miranda took her tools out of the car to change the tyre.* ❖

9.50 manufacturer (n) /mænʃə'fæktʃərə(r)/ - výrobce a company that produces sth • *Fiat is an Italian car manufacturer.* ➤ manufacture (v, n) ❖

Listening

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9.51 solar-powered (adj) /'səʊlə 'paʊəd/ - poháněné sluneční energií working by using energy from the sun • *There are some amazing solar-powered cars.* ➤ solar power (n) ❖

9.52 model (n) /'mɒdl/ - model a small copy of sth • *There is a model of the Parthenon in the Acropolis museum.* ❖

9.53 kit (n) /kɪt/ - sada (nástrojů, dílů apod.)

a set of parts ready to make sth • *My little brother wants a model aircraft kit for his birthday.* ❖ .

9.54 entertainment (n) /,entə'teinmənt/ - zábava
activities for people to enjoy themselves • *TV is not such a popular form of entertainment as it was in the past.* ➤ entertain (v), entertaining (adj), entertainer (n) ❖

Speaking Page 107

9.55 electronic (adj) /ɪˌlek'trɒnɪk/ - elektronický
working by using small parts, e.g. batteries, that control an electric current
• *The pilot told the passengers to turn off their electronic devices, such as phones and laptops, for take-off.* ❖

9.56 depend on (phr v) /di'pend ɒn/ - záviset na
to need help or support from sb/sth • *As a student, Jackie had a part-time job so she didn't have to depend on her parents to pay for her studies.* ❖

9.57 convenient (adj) /kən'vi:niənt/ - praktický
useful because it saves you time or does not cause you problems • *Modern appliances are convenient and make life much easier.* ➤ convenience (n) ❖

👉 Opp: inconvenient
9.58 value (n) /vælju:/ - hodnota; cena
what sth is worth compared to its cost • *The electronic devices on this website are cheap, but if they break easily, they aren't very good value for money.* ➤ value (v), valuable (adj) ❖

9.59 safety (n) /'seɪfti/ - bezpečí; bezpečnost
being safe from danger • *The rescue team is worried about the safety of some climbers after the storm.* ➤ safe (adj), save (v) ❖

9.60 emergency (n) /ɪ'mɜ:dʒənsi/ - mimořádná událost; naléhavý případ
a dangerous or serious situation where you must react quickly • *Teachers have to know how to cope in an emergency, such as an earthquake.* ❖

9.61 definitely (adv) /'defɪnətli/ - rozhodně
without a doubt, certainly • *We will definitely eat out on your birthday.* ➤ definite (adj) ❖

9.62 on the whole (phr) /ɒn ðə həʊl/ - celkem vzato
in general • *On the whole, I'm really happy with my new phone.* ❖

Vocabulary Page 108

9.63 click (v) /kɪk/ - kliknout
to press the computer mouse or touchpad to choose sth on the screen • *Just click on the screen to see the photos.* ➤ click (n) ❖

9.64 connect (v) /kə'nekt/ - spojit
join together two or more things • *If I can connect to the internet, I'll send you an email.* ➤ connection (n), connected (adj)
❖ 📧 Opp: disconnect

9.65 delete (v) /di'li:t/ - vymazat
to remove sth, e.g. words, emails or files on a computer • *Paul deleted all the emails that weren't important.* ❖

9.66 drag (v) /dræg/ - táhnout; přetáhnout
to move text or images, etc. across a computer screen by using the mouse • *Click on the photo and drag it into the folder.* ❖

9.67 sign up (phr v) /saɪn ʌp/ - přihlásit se; zapsat se
to put your name down to become a member or take part in sth • *I've just signed up for yoga classes at the gym.* ❖

9.68 upload (v) /ʌp'ləʊd/ - nahrát
to transfer files from one computer to another through the internet • *George*

uploaded some holiday photos onto Instagram for his friends to see. ❖

9.69 app (n) /æp/ - aplikace

a piece of software that you can use on a device, such as a phone or tablet, to connect directly to a particular site or play a game, etc. • *Tracy checked in for her flight using the app on her smartphone.* ❖

📎 Note: *app* = short form of *application*

9.70 carry out (phr v) /'kæri aʊt/ - vykonat to do a task • *The scientist carried out a number of experiments in the lab.* ❖

9.71 trillion (n) /'trɪljən/ - bilion (10¹²) a million million • *The night sky was so clear that we could see trillions of stars.* ❖

Grammar

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9.72 drop (v) /drɒp/ - upustit to let or cause sth to fall • *She felt so annoyed at herself for dropping her new phone and breaking the screen.* > drop (n) ❖

9.73 break into (phr v) /breɪk 'ɪntu:/ - vloupat se do to force entry into a place and steal things • *Our house was broken into and my laptop was stolen.* ❖

9.74 emotion (n) /i'məʊʃn/ - emoce a strong feeling such as love or anger • *She couldn't control her emotions and she started crying.* > emotional (adj), emotionally (adv) ❖

9.75 invent (v) /ɪn'vent/ - vynalézt make or design sth that has not existed before • *Everyone knows that Alexander Graham Bell invented the telephone.* > inventor, invention (n), inventive (adj) ❖

9.76 role (n) /rəʊl/ - role; úloha the function sb/sth has • *James takes his role as a parent very seriously.* ❖

Writing

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9.77 in the first place (phr) /ɪn ðə 'fɜːst ,pleɪs/ - zaprvé

firstly • *Why do I use a smartphone? In the first place, I need it to keep in touch with my family.* ❖

9.78 secondly (adv) /'sekəndli/ - zadruhé the second point (is) • *Secondly, the landscape was beautiful, so we took loads of photos.* > second (adj, n) ❖

9.79 in addition (phr) /ɪn ə'dɪʃn/ - navíc; kromě toho also • *The river is polluted and dangerous for swimmers. In addition, fish are at risk too.* ❖

9.80 thirdly (adv) /'θɜːdli/ - zatřetí the third point (is) • *Thirdly, the camera can connect to the app on your phone or tablet to upload photos.* > third (adj, n) ❖

9.81 lastly (adv) /'laːstli/ - nakonec; na závěr the final point (is) • *Lastly, we were disappointed with the picture quality on the screen.* > last (adj, n) ❖

9.82 comment (n) /'kɒment/ - komentář; poznámka sth you say which gives an opinion on sth • *'Rose made some interesting comments about the situation.'* *'What did she say?'* > comment (v), commentary (n) ❖

9.83 society (n) /sə'saɪəti/ - společnost people in general, living as communities • *Technology plays an important role in modern society.* ❖

9.84 real life (n) /,riːəl 'laɪf/ - realita; skutečnost what really happens, not fantasy • *He looks like a tough guy in the posts on his Facebook page, but in real life he's pretty ordinary and quiet.* > real-life (adj) ❖

9.85 private (adj) /'praɪvət/ - soukromý sth personal that we don't share with lots of people or maybe with anybody • *What Jack does in his private life isn't your business.* > privacy (n) ❖

9.86 social network (n) /,səʊʃl 'netwɜːk/ - sociální síť

a group of people who are connected with each other and socialise • *Kelly has a wide*

social network of colleagues and friends on Facebook. ❖

9.87 culture (n) /'kʌltʃə(r)/ - kultura
the beliefs, art and way of life of a civilisation • *When I went to Italy, I learnt a lot about Italian food and culture.* ➤ cultural (adj) ❖

9.88 medicine (n) /'medsn/ - lék
a substance used for treating illnesses
• *For me, the best medicine for a headache is aspirin.* ❖

9.89 living (n) /'lɪvɪŋ/ - život; žití
a style of life • *Sleep patterns affect whether people have a healthy way of living.* ➤ live (v), living, alive (adj), life (n)
❖

9.90 punctuation (n) /pʌŋktʃu'eɪʃn/ - interpunkce
the system of using marks to separate sentences, phrases and questions in writing • *Using incorrect punctuation, such as missing out commas, can change the meaning of a sentence.* ➤ punctuate (v) ❖

9.91 inactive (adj) /ɪn'æktɪv/ - nečinný; neaktivní
not physically active • *Pablo has become inactive since he left the school basketball team, but he wants to take up jogging soon.* ➤ inactivity (n) ❖ 📌 Opp: active

Live well, study well

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9.92 to sb's face (phr) /tʊ 'sʌmbədɪz feɪs/ - do očí; osobně
directly to sb, not to anyone else • *Anita made some horrible unkind comments on my Facebook post that she wouldn't have the courage to say to my face.* ❖

9.93 post (v) /pəʊst/ - přidat příspěvek
to write a comment or upload an image on the internet, especially on social media or a personal blog • *I never post any personal details on Twitter. I just post the most important or interesting news.* ➤ post (n)
❖

9.94 take (sth/sb) seriously (phr) /teɪk ('sʌmθɪŋ /'sʌmbədi) 'sɪəriəsli/ - brát (něco/někoho) vážně
to believe sb/sth is important or true • *When Irene told us she was going to climb Mount Everest, we didn't take her seriously.* ❖

9.95 survey (n) /'sɜːveɪ/ - průzkum; anketa
information you get from asking many people the same questions • *In a survey we did at school, one hundred pupils were asked what they thought about the facilities.* ➤ survey (v) ❖