



## INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

### Digitální učební materiál

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Ročník studia	4.
Předmět nebo tematická oblast	Anglický jazyk
Výstižný popis způsobu využití materiálu ve výuce	Doplňkový materiál pro výuku anglického jazyka Inovace: komplexní procvičení slovní zásoby tematického okruhu Science and Technology na úrovni B1 s využitím ICT při přípravě pracovního listu.

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## Science and Technology

### VOCABULARY

#### 1. Complete the chart with words from the box.

<i>hoover</i>	<i>orbit</i>	<i>charger</i>	<i>earphones</i>	<i>plug</i>	<i>kettle</i>
<i>socket</i>	<i>switch</i>	<i>space shuttle</i>	<i>touchscreen</i>	<i>satellite</i>	<i>remote control</i>
<i>home theatre</i>	<i>cell phone</i>	<i>GPS</i>	<i>extension cord</i>		

home appliances	electricity	telephone	space

#### 2. Complete the following sentences with one word from the box in exercise 1.

- \_\_\_\_\_ is a space-based satellite navigation system that provides location information.
- We need to get a new \_\_\_\_\_. The old one doesn't clean the carpets at all.
- Where is the \_\_\_\_\_? The battery in my mobile is nearly dead.
- It's hard to change the channels on this TV without a \_\_\_\_\_.
- It took me ages to turn on the lights in the room, I couldn't find the \_\_\_\_\_.
- The new \_\_\_\_\_ we bought yesterday boils a litre of water in 90 seconds.
- If a spaceship is in \_\_\_\_\_, it is going around the Earth.
- A \_\_\_\_\_ is a place on the wall that you can put an electric plug into.
- I am not really happy about my new smartphone. The \_\_\_\_\_ is quite sensitive and I can't operate it easily.
- A \_\_\_\_\_ is something that is designed to be used many times for travelling into space and back to the Earth.



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### 3. Which science is described in each sentence? If necessary, check the meaning of the words in bold in your dictionary.

- 1) It is a scientific study of the characteristics and composition of **substances** and the way they react to each other.
- 2) It is the scientific study of the **human mind** and the reasons for people's **behaviour**.
- 3) This science explains how living things work and **classifies** plants, animals and other forms of life.
- 4) It is the study of **ancient** societies, their history and culture by examining the **remains** of their buildings, tombs and objects.
- 5) This science studies **forces** and qualities such as heat, light, sound, gravity, pressure ...
- 6) It is the study of human **societies** and of the relationships between groups in the societies.

### 4. Make definitions for the following sciences.

mathematics	
anthropology	
linguistics	
economy	
philosophy	
geography	

### 5. Read the sentences about computers and the Internet. Are they true (T) or false (F)?

- 1) A virus is something that can improve the performance of your computer.
- 2) If you have Internet access, it means you can use the Internet.
- 3) A browser is the same as a search engine.
- 4) If you have broadband, your Internet connection is very slow.
- 5) If your computer crashes, it means it stops working.
- 6) A database is a large amount of information that is stored in your computer.
- 7) If you download something, you take it from the Internet.
- 8) If you want wireless Internet connection in your house, you need a WiFi router.

*Tento projekt je spolufinancován Evropským sociálním fondem a státním rozpočtem České republiky.*



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### 6. Read the text about the ISS and complete it with the following words.

experiments      accident      scientists      exploration      altitude  
orbit      average      launched

#### The International Space Station

The International Space Station is an ongoing mission to build a space station in (1) \_\_\_\_\_ around the Earth. The project involves sixteen different nations and people first announced it in 1993. In 1998 they (2) \_\_\_\_\_ the first section. To complete the Space Station they will need more than forty flights.

People originally intended the ISS to be ready by 2005. However, a major (3) \_\_\_\_\_ of the Space Shuttle Columbia delayed the timetable. Now, they will probably finish the project around 2015.

The ISS orbits at an (4) \_\_\_\_\_ of around 320 km at an (5) \_\_\_\_\_ speed of 28,000 km per hour. (6) \_\_\_\_\_ are currently using the station for (7) \_\_\_\_\_ which they can't carry out on Earth. In the future people will also use it as a for further (8) \_\_\_\_\_ of the solar system.

### SPEAKING

### 7. Work in pairs. What is your favourite gadget? Is it your mobile, tablet, laptop, MP3 player...? Ask and answer questions about it.

- What make is it?
- What is it made of?
- What functions does it have?
- How big is the display?
- How big is the memory?
- Can you upgrade it?
- What is the best thing about it?
- When/how often do you use it?

### 8. Discuss the following questions about technologies with your partner:

- How do you feel about computers? Are they great/awful/problematic/necessary?
- What do you use computers for? Can you imagine your life without them?
- What is good about the Internet? What is bad? Think of addiction, security, health ...
- How is the Internet changing our life?
- What do you think is the best invention in the history of mankind?

*Tento projekt je spolufinancován Evropským sociálním fondem a státním rozpočtem České republiky.*

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### 9. How do the things in the following pictures influence your everyday life?



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### Answer key:

- home appliances:** Hoover, kettle, remote control, home theatre      **electricity:** plug, socket, switch, extension cord      **telephone:** charger, earphones, touchscreen, cell phone  
**space:** orbit, space shuttle, satellite, GPS
- 1 GPS 2 Hoover 3 charger 4 remote control 5 switch 6 kettle 7 orbit 8 socket  
9 touchscreen 10 space shuttle
- 1 chemistry 2 psychology 3 biology 4 archeology 5 physics 6 sociology
- students' own answers
- 1 F 2 T 3 F 4 F 5 F 6 T 7 T 8 T
- 1 orbit 2 launched 3 accident 4 altitude 5 average 6 scientists 7 experiments 8 exploration
- students' own answers
- students' own answers
- students' own answers

### Zdroje:

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