



EURÓPSKA ÚNIA
Európsky sociálny fond
Európsky fond
regionálneho rozvoja



OPERAČNÝ PROGRAM
ĽUDSKÉ ZDROJE



MINISTERSTVO
ŠKOLSTVA, VEDY,
VÝSKUMU A ŠPORTU
SLOVENSKEJ REPUBLIKY

Pracovní list – téma **Veda a technika, počítače**

Práca so slovnou zásobou

science veda
scientific vedecký
technology technológia
technological technologický
field pole, oblasť
branch odvetvie, vetva
experiment pokus
laboratory laboratórium
formula vzorec
physics fyzika
engineering strojárstvo
chemistry chémia
biology biológia
genetics genetika
ecology ekológia
botany botanika
zoology zoológia
geography geografia
tool/instrument nástroj
appliance spotrebič
gadget malé mechanické zariadenie
gear prístroj
equipment vybavenie
engine/machine stroj, motor
machinery stroje, mašínéria
high-fidelity sound (hi-fi) vysoko kvalitný zvuk

Otázky na diskusiu:

- What do you think of genetic engineering, including cloning and genetically altered food stuffs?
- Do you think radio and telecommunications inventions have improved the quality of our life?
- How can TV have a negative effect on family life?
- Make a list of the advantages and disadvantages of technology at home.
- What are the benefits of TV watching?
- Are computers an essential part of life?
- What inventions have improved the quality of your life? Why?
- Compare life in the past with that at present. Think about household appliances, travelling, communication technologies and entertainment opportunities.
- Name the most remarkable inventions and discoveries of all parts of life. Think about both their advantages and disadvantages.
- Think of technological inventions of the 20th century. Which of them has had the greatest effect on the life of mankind? Are they a curse or a blessing

- How will the advance in technology affect people's life in the future? How will teaching and learning change? What will the visit to the doctor's look like?
- Do you agree with building nuclear power stations as a source of energy? Why? Why not?
- Which inventions do you consider threatening for mankind?
- Put the following inventions in your order of importance: airplane, telephone, car, TV, radio, mobile phone, computer, penicillin, atomic bomb, Internet, printing press.
- What kind of electrical appliances do you have at home? What do you use them for? Can you name all the appliances used in the kitchen?
- Have you got access to a computer? What are the advantages and disadvantages of using computers?
- What do you use the Internet for? List the advantages and disadvantages of the Internet.
- Which modern inventions help most to make your life easier? Choose three and give reasons.
- Which professions will be affected by the advance of technology?
- Who do you think is the most important inventor of all times? What did he invent?

Práca v skupinkách:

1. Give your opinion on scientific progress. How had science affected our lives in the last two hundred years? Consider these branches of science – communication, entertainment, housing, medicine, transport, war, work.
2. What technological developments and scientific discoveries have there been in the last hundred years?
 - In small groups, brainstorm discoveries/inventions and the advances that have resulted from them. Agree on a list of the top ten most significant discoveries and inventions. (the wheel, electricity, the light bulb, vaccinations, nuclear fission, the silicon chip, the internal combustion engine, printing, the alphabet.
3. In groups imagine a world without computers. How would it affect your day-to-day life? Make a list of five inconveniences, e.g. I would have to go to the library to get information rather than look on the Internet....
4. Use the Internet to find out about one of these people and their contribution to science. In the next lesson, exchange information with another student. (Guglielmo Marconi, Charles Babbage, Marie Curie, Elisha Otis, Louis Pasteur, William Caxton, Thomas Edison, Jean Foucault, Enrico Fermi, Albert Einstein)

Rolová hra:

Tell your partner about an electronic device that you own /e.g. mobile phone, MP3-player, video game/ or about an electrical appliance that you have at home. Describe the following: appearance, features, performance, price, etc. Let your partner ask questions. Give as much information as possible. /Role-play/

Tento projekt sa realizuje vďaka podpore z Európskeho sociálneho fondu a Európskeho fondu regionálneho rozvoja v rámci Operačného programu Ľudské zdroje.“