

Significant inventions

Aim of the activity: Students get to know the history of 3 inventions. They will realize the advantages and disadvantages of these inventions in the current time.

Úkol: vypracujte úkoly č. 1 – 2

Task 1: Choose one of the following inventions (a - c) which you like the most. Find the correct answers to the following questions with help of your mobile phone or tablet.

a) Light bulb

What is a light bulb?

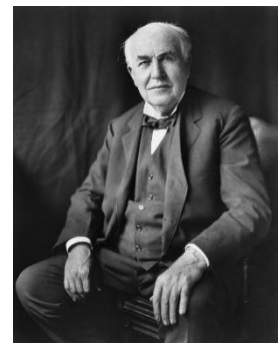
- ✓ Appliance used for transformation of electricity into the light.

Who got the patent on the bulb invention?

- ✓ Thomas Alva Edison

Who was the first forerunner of the bulb inventor?

- ✓ Heinrich Göbel



Where did the inventor of the bulb come from?

- ✓ USA

When was the first functional bulb presented and how long did it light?

- ✓ 21. 10. 1879, 40 hodin

How many patent inventions did the inventor of the bulb have?

- ✓ 1692

What other inventions did the person contribute to the world of technologies?

- ✓ Phonograph (the forerunner of gramophone), direct current, electric meter, electro exchange, electric car, gramophone record.



b) Facebook

What is Facebook?

- ✓ web system used for creating of social networks communication among users, sharing multimedia data.

Who comes with the idea of Facebook?

- ✓ Mark Zuckerberg

Where does the creator of Facebook come from?

- ✓ USA

How many user does it approximately have?

- ✓ about 1,5 billion

What university did the development of Facebook start at?

- ✓ Harvard university



What function do the following Facebook tools have?

Events

- ✓ message about the event, invitation, information about the event.



Wall

- ✓ space for messages and display of all different events on Facebook net.

Gifts

- ✓ virtual gifts via pictures.

Status Bar

- ✓ expressing mood, opinion and status of the user.

Poke

- ✓ possibility to draw attention, get in touch with sb.

What was Facebook named by?

- ✓ according to paper leaflets Facebook, which first grade students got at us universities.

c) Automobile

Who comes with the idea of vehicle driven by steam engine?

- ✓ James Watt, Nicolas Joseph Cugnot

What role did Karl Benz play during the automobile development? Where did he come from?

- ✓ He got the patent for the first motor three-wheeler, he came from Mannheim

Who comes with the idea of compression ignition engine?

- ✓ in 1897, Rudolf Diesel

Who contributed to mass expansion of automobiles?

- ✓ Henry Ford

What was the name of his model?

- ✓ FORD model T (in 1908)



Today we divide automobiles into different types. Match the types with the correct pictures:

SUV – f Kombi – b Coupé -a Kabriolet - a Off-road - e Sedan - c

a



b



c



d



e



f



Task 2:

Make three groups (according to the invention you like the most). Each group represents one of the above mentioned inventions. Discuss with other groups, why you think, that your invention is of highest importance in the society.