

The Baltic Sea Project within the UNESCO ASPnet network

BSP WebQuiz 2022: questions and answers

10-13 years old students: 5 tasks, 30 minutes



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National Coordination
Associated Schools
Network



The Baltic Sea Project



REPUBLIC OF ESTONIA
MINISTRY OF EDUCATION
AND RESEARCH



TOETAB



tartu
nature
house



Question 1:

Watch this video:

https://www.youtube.com/watch?v=sAxUfT-IRw0&ab_channel=BranimirSpaji%C4%87

The production, transportation, packaging and preparation of food takes a lot of resources and energy. It all has a large negative effect on the environment and changes the world' climate. Almost $\frac{1}{5}$ of world's food, which took a lot of energy for production, is wasted by consumers.

Think about your school kitchen. School kitchens tend to generate a large amount of waste. Some of it is unavoidable (like peeling potatoes, for example), but some can be avoided. What are some of the options for reducing food waste in schools?

- A. Buy more stoves
- B. Allow students to serve food themselves**
- C. Make shorter lunch-breaks
- D. Track what food is wasted the most**



Who is working on a problem in the Batic Sea region: CLIKS Network: Climate friendly kitchen in schools helps schools' kitchens to become more climate-friendly. At the moment there are schools from Germany, Croatia, Estonia in the network and they are looking for new members!

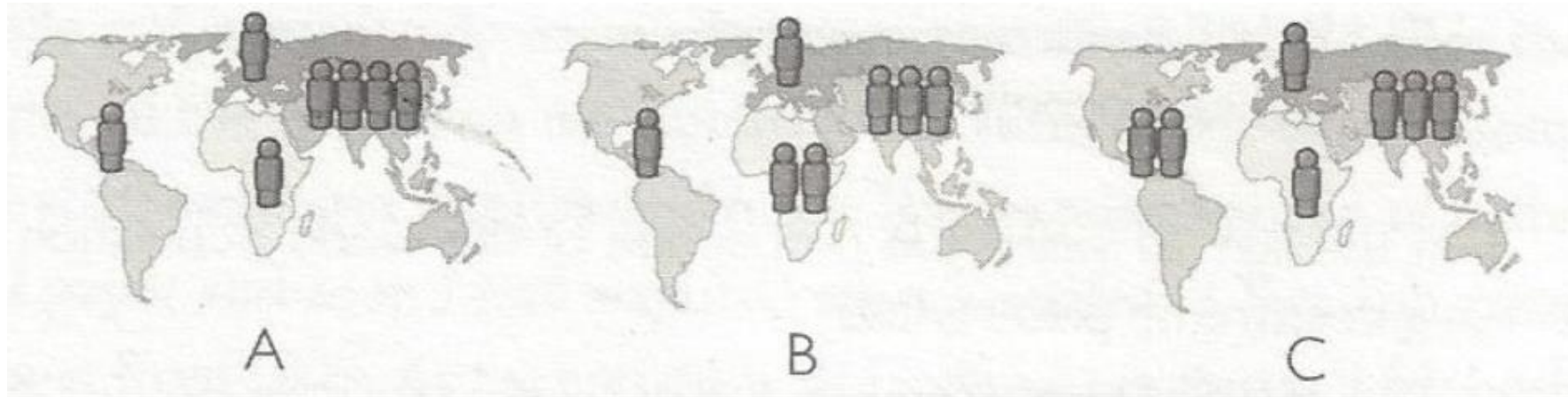
Source for answers: <https://zerowastechef.com/2017/06/14/15-ways-to-reduce-waste-in-school-cafeterias/>

A - wrong, because more stoves would mean more consumption of energy, while we should decrease energy consumption to decrease greenhouse gasses. Schools should have energy-efficient stoves and turn them off when not used.

C - the practice shows that shorter lunch-breaks lead to more food waste because students don't have enough time to finish their meal

Question 2:

There are roughly 7 billion people in the world today. Which map shows best where they live?
(Each figure represents 1 billion people)



A. correct

B.

C.

Sources: Rosling, Hans: Factfulness. <https://www.gapminder.org/answers/where-do-people-live/>

Question 3:

This bird species was under the brink of extinction in the Baltic Sea area in the middle of the 20th century. The Baltic Sea was contaminated with dangerous substances, most of which came from agriculture. This bird species ate fish that contained poisons, which led to decline of the population. After the prohibition of substances such as DDT and thanks to other protection measures, it took around 20 years for this species' population to recover. Which bird species is it?

A. great black-backed gull



B. white-tailed eagle



C. arctic tern



D. cormorant



Source: https://helcom.fi/wp-content/uploads/2020/06/BSEFS-White_tailed-Eagle.pdf

Question 4

Read the text and choose the lamp on the picture that is described in the text:

These bulbs can last up to 25,000 hours, they are cooler to the touch after use. These lamps use the least amount of energy compared to other electric lamps.

A.



B.



C.



A. Incandescent bulb

B. Fluorescent bulb

C. **LED bulb** – most efficient bulb out of the three, you can recognize it on the picture thanks to light-emitting diode

Source: <https://www.nopec.org/blognewsroom/blog/comparing-led-vs-cfl-vs-incandescent-light-bulbs>

Question 5

Look at the picture below. This is a T-shirt designed by Estonian designer Reet Aus. Read the statements below and choose ONE statement that is FALSE about this shirt.



- A. It is made in a factory in Estonia
- B. It is made from left-over fabrics which would be otherwise thrown away
- C. It doesn't contain harmful chemicals

This T-shirt is made in Bangladesh or Poland using socially responsible production. Bangladesh is the second-largest producer in the garment industry after China and is home to more than 8,000 garment factories. On average 18% of new fabrics used in mass fast fashion production are considered pre-consumer waste after cutting and meet their end in landfills. Reet Aus collections save these fabrics through smart design and spread the word about negative impacts of fast fashion.

Source: <https://www.reetaus.com/pages/about-us>