

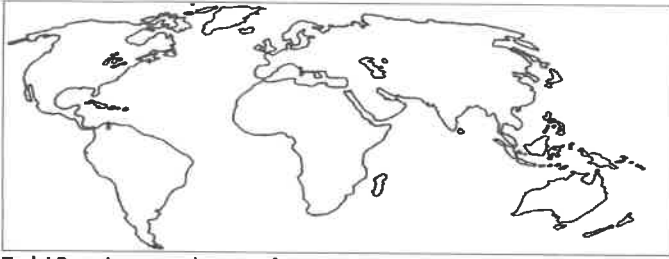
For millions of years, the atmosphere, the hydrosphere, the lithosphere and the biosphere have been in **balance on the Earth**. These **four parts** make up what we call the **Earth's environment** [invajrment](životní prostředí).

Atmosphere [etmosfir] is all the gases that make up the air including the weather systems, the greenhouse gases and the ozone layer.

Lithosphere [litosfir] is all the rocks and mountains in and on the Earth.

Hydrosphere [hajdrousfir] all the water in the seas, rivers, lakes and soils. (v púdĕ)

Biosphere [bajousfir] all the living organisms on the Earth – bacteria [baktýria], viruses [vajrsys], plants, animals and humans.



Task I Draw in seas and oceans, forests, mountain ranges, deserts, volcanoes, jungle

Task II Underline the odd word out and explain your answer

1. Argentina/ Africa/ Europe/ Antarctica
2. The Nile/ the Amazon/ the Sahara/ the Mississippi
3. The Caribbean/theBaltic/the Atlantic/theMediterranean [medyt-rejnyjn]
4. Switzerland/ Japan/ Great Britain/ New Zealand
5. The Andes/ the Pyrenees/ the Alps/ the Canaries

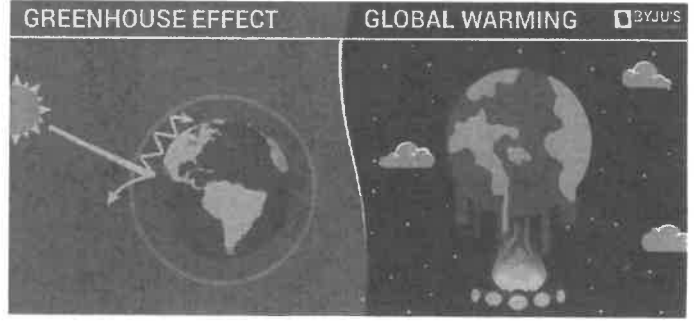
Humans have a **highly developed brain**. We learn quickly and can plan the future. We began to **change the balance of the environment in our favour**. Humans can also destroy the planet.

Photosynthesis [fotou-syntesis]

People burn coal, oil or gas so called **fossil fuels** to produce energy. They produce large amount of **carbon dioxide (CO₂)**. [karbn dajoxájd] (oxid uhličitý) that goes into the atmosphere. Normally CO₂ is absorbed by green plants, by trees and plankton in the seas in a process called **photosynthesis**.

The greenhouse effect

The greenhouse effect is a natural process. **The energy from the sun/ radiation is trapped by gases such as carbon dioxide in the atmosphere and it keeps the Earth warm**. This process is called the **greenhouse effect**. Without this, the temperature on the Earth would be minus 18°C. (degrees of Celsius [dygrýs of selsi@s] stupňů Celsia)



Global warming

More and more fossil fuels are burnt, forests are being cut down in the tropical rainforests and there is more carbon dioxide in the atmosphere. It keeps the temperature of the Earth too high.

The extreme weather

The global warming and the climate change are closely related/ connected. **The increase of the Earth's overall/global temperature is changing the climate/ the weather**. The temperature has risen by 1°C since 1900, it will get higher in the future. Experts fear it will rise by 3-4°C in the next century. **At the North Pole, 22% of the ice has melted over the last 50 years**. The ice is melting in Canada, Alaska and Russia. **The global sea level is rising**. **The extreme weather causes floods** (in Europe/ the Czech Republic) or droughts (Australia, China, USA, Tanzania), hurricanes (USA) and very little snow in Europe. Hurricanes are much more violent than in the past, they cause a lot of damage, famine and loss of life in the Caribbean and the southern states of the USA. Droughts are more frequent, so is flooding, the rains come at the wrong time and it causes many problems for farmers. Huge areas of land turn into deserts.

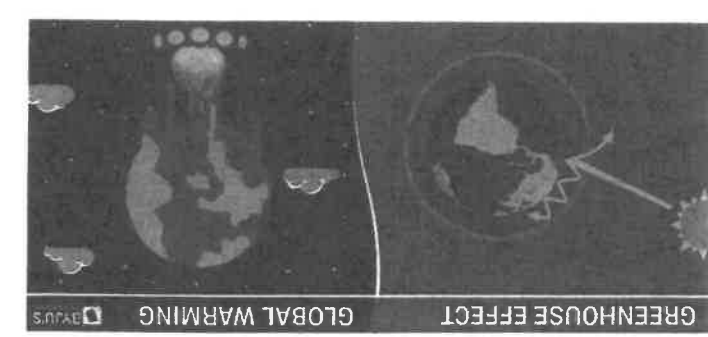


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Napište esej na téma **How green are you?** (napište 120-150 slov)

- What sort of things do you recycle?
- If there were more recycling bins in the town, would people start to recycle?
- Is there anything else you can do to help the environment?

nebo

Použijte věty z handoutu
If you were the mayor of your town, what would you do to help the environment? (napište 120-150 slov)

- Where do you live? What problems are there in your hometown?
- If you were the mayor, would you change? How would you help the environment?
- Will the planet die in the future or will people save it?

Ukázková esej (Solutions str.81)

Použijte věty z eseje str.81

Essay by Amy

- 1 My town is a great place to live, but there are a few problems here too. Firstly, there are quite a lot of homeless people in the town centre. Secondly, the air quality in the town is not good. And thirdly, there is a lot of litter on the streets.
- 2 If I were mayor, I would build special hostels so people didn't have to sleep on the streets. To reduce air pollution, I would encourage people to cycle or walk to work by banning people from driving cars in the city centre. To make the streets cleaner, I would provide more rubbish bins in the town centre. I would also make it illegal to drop litter in the street.
- 3 In my opinion, this would make a big difference to life in my town. But if I could only do one thing, I would ban cars from the town centre because air pollution affects everybody's health.

Nezapomeňte

- 1.na zajímavý nadpis (či zopakování nadpisu zadaného)
 - 2.na krátký úvod,
 3. delší hlavní odstavec – splnění puntíků v zadání, logický slovosled
 4. krátký závěr
- A ODSTAVEC ©Ali

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