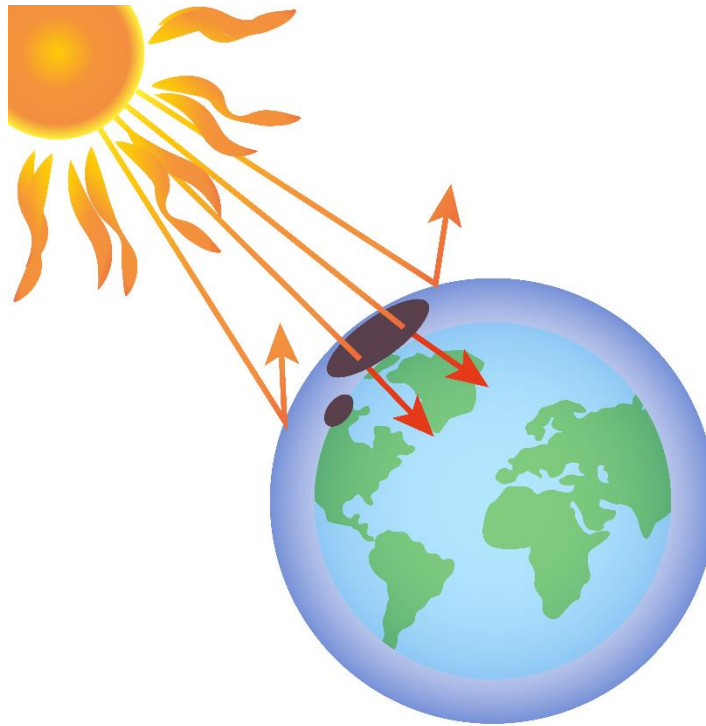


Lesson 5



WHY IS THE CLIMATE CHANGING? GLOBAL WARMING


Lesson objective: To find out the causes of climate change and identify the ways how to slow down the global warming.

Terms: climate warming, greenhouse effect, ozone hole, freon.

Materials required for the Eco workshops:

1. a bottle with a narrow neck, matches.
2. a large glass container, water, food coloring, ice, paper tape, pencil.

9. Discussion

4 min. 

Learning objective: To develop pupils' critical thinking and abilities to draw conclusions based on arguments and experience.

ACTIVITIES

Teacher: coordinates the students' activities.

Pupils: answer the given questions.

On the screen: 2 pictures with questions are displayed:

1. Do you like spending time in the sunlight?
2. Has this ever happened to you? Why does this happen?

10. Interactive task

3 min. 

Learning objective: To consolidate pupils' knowledge about the effects of damaged ozone layer on humans.

ACTIVITIES

Teacher: coordinates the pupils' activities.

Pupils: perform an interactive task - upload the pictures to the correct location (in sequence 1- sunglasses are missing, in sequence 2- sunscreen is missing).

On the screen: 2 sequences of pictures are displayed, the second image in each sequence is missing.

11. Information (Audio/text)

4 min. 

Learning objective: To acquaint pupils with ozone layer is and how the ozone hole is formed.

ACTIVITIES

Teacher: coordinates the students' activities.

Pupils: listen to information about ozone.

On the screen: information about ozone is presented.

12. Interactive task

3 min. 

Learning objective: To consolidate pupils' knowledge about the formation of the ozone hole and its effects on humans.

ACTIVITIES

Teacher: coordinates the pupils' activities.

Pupils: do an interactive task - put the pictures in the correct order: total ozone, chemicals, ozone hole, sunburns.

On the screen: 4 images are displayed:

1. sunburns,
2. total ozone,
3. chemicals,
4. ozone hole.

13. Interactive task

3 min. 

Learning objective: To consolidate pupils' knowledge about climate warming.

ACTIVITIES

Teacher: coordinates the pupils' activities.

Pupils: perform an interactive task - answer the test questions.

On the screen: 4 cards with questions and possible answers are displayed.

1. What vehicle would you choose to do the least harm to the Earth?

- ride an electric car or electric scooter.
- walk or ride a bike. (correct)
- drive the family car.

2. What is the importance of the ozone layer?

- protects everyone from the sun's ultraviolet rays. (correct)
- harmful to human health.
- warms the Earth.

3. What is smog?

- fog.
- haze of pollutants in the air. (correct)
- Earth's atmospheric layer.

4. What is the greenhouse effect?

- structure for growing plants.
- accumulation of heat in the atmosphere. (correct)
- ultraviolet rays from the sun.

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