



Lesson 12



WHAT WILL OUR PLANET EARTH BE LIKE IN 100 YEARS?

Lesson objective: To strengthen knowledge about the impact of climate change on Earth. To inspire pupils for practical environmentally friendly actions.

Terms: climatologist, certificate.

Materials required for the workshop: A4 paper sheet for printing the certificate.



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5. Discussion

3 min. 

Learning objectives:

To encourage pupils to think about how people will live on our planet Earth in the future.

ACTIVITIES

Teacher: leads the discussion.

Students: express their opinions and explain them.

On screen: images, text.

Earth is the only planet in the entire solar system suitable for human habitation. The temperature here is just as it should be. Here there is oxygen for breathing and water for drinking, here we are protected from the sun's harmful rays and we have enough food. Besides, everything is very beautiful. Why would anyone want to live on another planet? None of the neighbouring planets are suitable for living

6. Information (Audio/text)

3 min. 

Learning objective:

To recall the lesson topics of the learning tool "Climate and its changes", to prepare for the final test.

ACTIVITIES

Teacher: coordinates the activity.

Pupils: listen to lesson names, look at images and recall lessons.

On screen: images about lessons.

In 12 lessons we have learned about how the climate is changing and what we can do to preserve our planet. Let's remember them consecutively:

- 1) What happened to dinosaurs?
- 2) Planet Earth – a unique place to live. Climate as supporter for life.
- 3) Natural phenomena: Rain, wind, hail, storm, tornado.
- 4) Natural phenomena: Earthquakes, volcanoes, tsunamis and flood.
- 5) Why is the climate changing? Global warming.
- 6) In the world of water.
- 7) Hot and cold deserts.
- 8) Forests. What endangers forests? Forest fires.
- 9) Animals and climate.
- 10) Plants and global warming.
- 11) What can be done to make the world clean and healthy? Green lifestyle.
- 12) What will our planet Earth be like in 100 years?

9. Information (Audio/text)

2 min. 

Learning objective:

The acquired knowledge and planned worked is the reason to obtain the certificate of the young climatologist.

ACTIVITIES

Teacher: Enters the necessary information in the certificate template – Country, city, school, class, the good work and prints it out on a beautiful paper, puts it in a visible place. There can also be a digital certificate.

Pupils: help the teacher with the certificate creation

10. Information (Audio/text)

2 min. 

Learning objective:

To encourage pupils to continue the work that protects our Earth's climate.

ACTIVITIES

Teacher: coordinates the activity.

Pupils: listen to narration.

On screen: cloud with a hat and a certificate.

We can act now to protect the Earth's future. After all, it is up to all of us – to protect the planet that we live on.

Cloud: Oh, yes, when the lesson is over, do not forget to turn off the light! Bye!!

11. Interactive task

2 min. 

Learning objectives:

Evaluation of the learning tool "Climate and its changes".

ACTIVITIES

Teacher and pupils: Write comments on the website – what you liked while learning with this tool!

On the screen: Please go to the Feedback section on the home page.

Sources of information:

- 1) Māstersa M. 123 Supergudri fakti, kas jāzina par klimatu. SIA Madris, 2021. 144 pages.
- 2) Sundstens B., Jēgers J. Rīga: Madris, 2009, 44 pages.
- 3) Mērfijs G. Globālā sasilšana Rīga: Zvaigzne ABC, 2008. 64 pages.
- 4) Roulends-Intvisls T. Laikapstākļi un klimats. Rīga: Koolibri, 1995. 63 pages



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