



Lesson 2



PLANET EARTH – UNIQUE PLACE TO LIVE, CLIMATE AS SUPPORTER OF LIFE

Lesson objective: To teach students about our planet, its' history, different climates and habitats


Terms: planet Earth, climate, weather, habitats

Materials required for the Eco workshops: shoe boxes, paper, cardboard, crayons or markers, different natural materials (for example: sea shells, rocks and pebbles, plants)



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1. Discussion with an interactive task

5 min. 

Learning objective:

To interest and acquaint pupils with the topic of the lesson.
To draw their attention to the lesson.

ACTIVITIES

Teacher: turns on the screen, asks questions and leads the discussion.

Pupils: answer the questions.

On the screen: animation of stars, Milky way and Earth from Space.

- What do you know about our planet?
- Where is it in the Solar system?
- Why is the Sun important?
- Why do we call Earth the blue planet?

2. Interactive task

5 min. 

Learning objective:

To acquaint pupils with the term “climate” and to ensure that the terms of “climate” and “weather” are distinguished.

ACTIVITIES

Teacher: coordinates activity.

Pupils: listen to the information and arrange the statements in their respective columns.

Audio as an introduction to the game:

What is weather and what is climate? Weather is something short term that can change from day to day while climate is something recorded in a long period of time and cannot change easily.

Example

Climate: it often snows in this area during the winter.

Weather: it wasn't snowing this weekend but we can expect a snowstorm on Thursday.

Interactive task: Does the phrase describe climate or weather? Click the right answer!

Climate	Weather
<ul style="list-style-type: none">• It takes a long time to change• It is usually warmer in Brazil than in my home town• Sweden is so cold during the winter that they built ice hotels as a tourist attraction• In South Africa republic winters are hotter than summers	<ul style="list-style-type: none">• It can change in a few hours• It's snowing, let's go outside and play• This is the warmest day in Paris ever• It's windy outside, so take a jacket

7. Interactive task

5 min. 

Learning objective:

To establish understanding of the main events of time on the Earth.

ACTIVITIES

Teacher: coordinates activity.

Pupils: arrange the timeline in the correct order and explain the choice.

On the screen: timeline.

Arrange the timeline in the correct order!

1. Formation of the moon
2. Formation of the atmosphere
3. First plants
4. Dinosaurs
5. Humans



8. Interactive task

20 min. 

Learning objective:

To acquaint with some of the various habitats, their names and local climate of those habitats.

To improve the previously acquired knowledge about them.

ACTIVITIES

Teacher: coordinates activity.

Pupils: work in groups.


On the screen: picture of habitat, its' name and different animals around the picture.

The habitats: rainforest, tundra, desert, savannah, ocean, taiga, temperate forest, freshwater, grassland.

Work in groups and choose the animals that would live in the particular habitat (*each group has one or several habitats*)!

Drag the right animals to center of the picture. Afterwards briefly present your groups' habitat to the others (*information is given when all the correct animals are in the picture*)!

9. Discussion

2 min. 

Learning objective:

To make correlation between various habitats and the pupils' life experiences.

ACTIVITIES

Teacher: coordinates activity.

Pupils: express their opinions.

On the screen: questions.

- What habitat have you seen so far?
- What habitat do we live in?

10. Interactive task – test

5 min. 

Learning objective:

To test the pupils' knowledge and understanding.

ACTIVITIES

Teacher: coordinates activity, gives feedback to pupils.

Pupils: carry out a test individually or in a group.

On the screen:

1. Chose the statement that describes climate!
 - It is snowing in Riga.
 - We expect it to be sunny in Vilnius this summer.
 - Northern countries have colder winters than the Mediterranean ones.**
 - It is raining in Zagreb.
2. Which animals can you see together in the same habitat?
 - Lion, bear, frog.
 - Crab, camel, reindeer.
 - Fox, zebra, polar bear.
 - Fox, wolf, deer.**
3. Humans have appeared on Earth...
 - Relatively recently.**
 - At the same time as dinosaurs.
 - At the same time as plants.
 - Before the creation of the Moon occurred.

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