

## Lesson 9



# ANIMALS AND CLIMATE

**Lesson objective:** To teach students how did animals had adapted to their local climate and how they are suffering because of global warming

**Terms:** Animals, climate change, adaptation.

**Materials required for the Eco workshops:** scissors, toothpicks, cardboard, glue, scotch tape, twine, can, acrylic paints (optional), plastic bottle, hard plastic plate, screw, screwdriver.



### 3. Interactive task

15 min. 

**Learning objective:**

Enhancing pupils' knowledge through fun games and leaving the depressive subject of dying out which they have mentioned in discussion for sure.

#### ACTIVITIES

**Teacher:** coordinates the activity.

**Pupils:** find the animals on picture and name them.

**On screen:** There is a lot of pictures with different animals hidden in them.

Have you ever noticed how some animals have a power to hide in their natural habitat? Some of them are almost impossible to find.

### 4. Interactive task

3 min. 

**Learning objective:**

To shape the instinctual knowledge into information that they would be aware and could use in deduction when thinking about changing of habitats.

#### ACTIVITIES

**Teacher:** coordinates the activity.

**Pupils:** link adaptation to habitat.

**On screen:** information on adaptations to a particular habitat and pictures of the habitat

**Hot areas:** brown fur, other legs and tail, long ears, short hair, lean animals with little amount of body fat.

**Cold areas:** white fur, short legs and tail, short ears, long hair, fat animals with lots of body fat.

**Temperate areas:** brown fur, medium long legs and tail, medium long ears, medium long hair, normal animals with medium body fat.

Every animal has adapted to its specific environment in more than one way. They have different colours, different fur, different length of their legs and ears...



## 5. Discussion

7 min. 

**Learning objective:** For children to conclude the effect of the climate change on animals.

### ACTIVITIES

**Teacher:** coordinates the activity.

**Pupils:** answer the questions.

**On screen:** questions and picture of animals

- What do you think, can the brown bear survive tropical climate?
- Could the morse survive in warm climate?
- Why?
- So what would happen if the climate in their habitat changes?

\* morse is just another name for sea cow

## 6. Information (Audio/text)

2 min. 

**Learning objective:** To make pupils aware of changes in habitats and to make them think on consequences for animals.

### ACTIVITIES

**Teacher:** coordinates the activity.

**Pupils:** listen narration and watch animation.

**On screen:** animation of a reindeer looking for a suitable habitat, wherever he goes, global warming catches up, after which he disappears.

You already know that our planet is becoming warmer, and one of the reasons for it is human influence. As the climate in some regions change the animals in that region can't survive. For them there is only one option left.

They have to migrate to the place that has the climate they can live in. However sometimes it is not possible. Often there is no path to get to such places, and soon some of the habitats might disappear altogether.

But those are not the only problems.



## 8. Interactive task

5 min. 

**Learning objective:** To strengthen knowledge about changes that negatively affect animals.

### ACTIVITIES

**Teacher:** coordinates the activity

**Pupils:** align the pictures in right order (timeline)

**On screen:** five pictures and five empty fields. Each of the five images must be dragged into the corresponding field

**First puzzle:** thermometer with low temperature, happy polar bear, temperature rises, the glaciers melt, polar bears have no home and are starving

**Second puzzle:** thermometer with low temperature, happy marine life, temperature rises, jellyfishes come to the sea, sea full of jellyfishes with no other animals shown



## 9. Eco workshop

35 min. 

**Learning objective:** To show children that they can always make a difference in their own surroundings.

### ACTIVITIES

**Teacher:** divides children into groups, helps them make the bird feeders and the bath

**Pupils:** make the bird baths feeders and bird feeders from empty bottles and other recyclable materials

**On screen:** instructions for making a birdbath and bird feeder

**Materials:** scissors, toothpicks, cardboard, glue, scotch tape, twine, can, acrylic paints (optional), plastic bottle, hard plastic plate, screw, screwdriver.

**Remark:** in case you don't like this birdfeeder, be free to find your inspiration for some other birdfeeder at this link:

<https://happyhooligans.ca/32-homemade-bird-feeders/>









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