Natural History Museum

For teachers

Welcome to the Climate House!

With this guide we hope that you and your class will have a good learning experience.

Organise your visit:
We recommend that you divide the pupils into groups of 3-4 and that the groups rotate to cover different parts of the exhibition (see the map). You should guide the pupils in room 6: Solutions. This room can be time-consuming, so it is sufficient to scan ten solutions in total, which means two solutions for each table.
Room 2-4 can be combined.

If you have any questions during your visit, please ask one of the climate hosts in the reception.

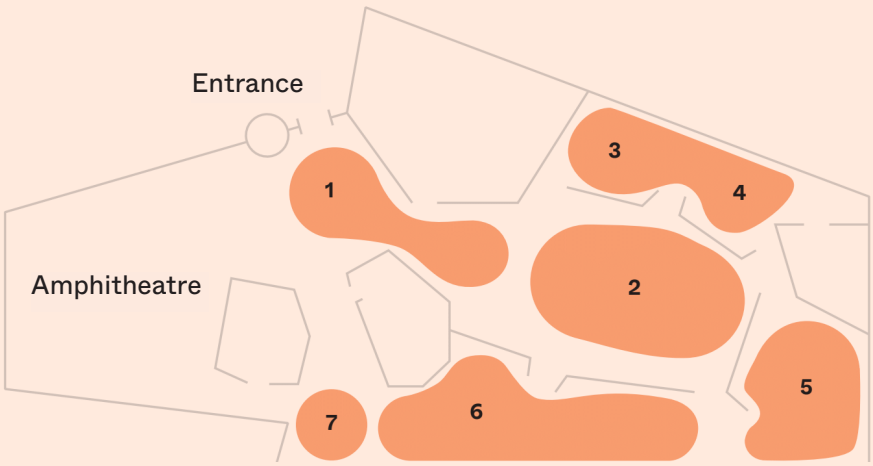
Learning targets:

- Develop knowledge, dialogue and reflection related to climate change and the environment.
- Learn about natural and human-made climate change, consequences of global warming, possible solutions and how you can contribute.

Time: 60 minutes

Map of the Climate House

1 My favourite things
2 We are in it now
3 Human-made climate change
4 The Earth's climate system
5 Consequences of global warming
6 Solutions
7 Action



Room 1: My favourite things

Target: Reflect upon how climate change may affect what you enjoy the most.

Time: Approximately 5 minutes

Info: The walls display images of people in Oslo along with their favourite things or activities. The short videos show how climate change may threaten what we enjoy the most.

Activity: Tell the person next to you what your favourite thing is. Look at the images on the wall: Which answers do you agree with? Look at the videos on the screens and answer the following question:

Question: *How can climate change affect your favourite things?*

Room 2: We are in it now

Target: Experience sitting in the middle of some of the consequences of global warming and sense that humans and all other species depend on natural processes.

Time: Approximately 5 minutes

Info: Three short videos are shown with approximately 10 minutes interval.

Activity: When a video starts, take a seat on the “icebergs” and watch the video. Between each video, you can go to room 3 and 4.

Question: *How does it feel to sit surrounded by nature and climate change?*

Room 3: Human-made climate change

Target: Discover how humans affect the climate.

Time: Approximately 10 minutes

Info: This room shows how humans affect the climate.

Activity: Gently turn the disks on the table and the wheel on the wall to find answers to the question below.

Question: *Which human activities affect the climate?*

Room 4: The Earth’s climate system

Target: Understand how natural factors affect the Earth’s climate.

Time: Approximately 10 minutes

Info: Discover how the Earth’s climate system works and how the climate has changed through time.

Activity: Examine and touch objects from nature. You can touch everything except the animals and the aquarium. Read about what the objects can tell us about the Earth’s climate.

Question: *Which natural factors affect the Earth’s climate? How?*

Room 5: Consequences of global warming

Target: Understand the gravity and extent of global warming.
Time: Approximately 5 minutes
Info: The room is divided into three scenarios showing an increase of 1.5°C, 3°C and 4°C global average temperature as compared to the pre-industrial revolution temperature.
Activity: Look inside the boxes, step into the chambers and read the short texts next to them.
Question: *Which of the consequences do you find the worst, and why?*

Room 6: Solutions

Target: Achieve an insight in solutions to reduce global warming.
Be inspired to contribute, and find your strength in the fight against climate change.
Time: Approximately 20 minutes
Info: Follow the instructions provided in this room. Choose one card per group.
Activity: Discover your group's role in the fight against climate change by scanning two solutions on each table. When done, scan the card by the large screen, see the result and hang the card on the wall showing the group's role and strengths.
Question: *How can you use your strength in the fight against climate change?*

Room 7: Action

Target: Find hope to contribute towards a sustainable future.
Time: Approximately 5 minutes
Info: In this room we offer a way to participate in an activity. The theme and activity will vary.
Activity: Follow the instructions in the room and do the activity.
Question: *What do you think should be done for climate and the environment?*
How can you contribute towards a sustainable future?

Thank you for visiting the Climate House!
We are happy to receive any feedback on this guide by email: s.g.roraas@nhm.uio.no