

Climate Clock: Teacher's Guide

This guide will give you tips on how to explore the Climate Clock artworks and how to incorporate them in your teaching. You can adapt the instructions for different school subjects or other shared school activities, such as multidisciplinary learning modules. You can also tailor the scope for your target group by adjusting the depth and duration of the tasks.

The material has been developed using the Oulu Sustainability Education Model. You can learn more about the sustainability education framework and access additional materials on the Opinvirta website (in Finnish): <https://www.ouka.fi/opinvirta>

1. BEFORE THE VISIT

Familiarise yourselves with the artwork and its background, using the materials available on the Oulu Art Museum's website. Go through the **artwork description** and watch the **artist's video**. If you wish, you can also explore the scientific background of the artwork's theme together as a group.

Print the task cards in advance for your visit. Check the settings carefully before printing the material: **Print horizontal on both sides and flip pages on short edge.**

2. VISITING THE ARTWORK

Visit the artwork. Choose suitable tasks for your group:

a) Explore the artwork with the activity cards.

- The cards are divided into four categories: **Ponder and Wonder**, **Express and Create**, **Sense and Explore** and **Find and Feel Nature**. You can choose a specific category from the deck if you wish.
- You can draw cards in small groups or take turns with the whole class.
- Follow the instructions on the cards and discuss them with the group.

b) Observe the artwork.

- How does the light strike the artwork and reflect off it? What kinds of shadows does the artwork create?
- What type of weather conditions would you need if the artwork was made of ice?
- Can you see your reflection in the polished surface? How does the movement of people reflect off the artwork?

3. AFTER THE VISIT

Optional exercises for the classroom:

- English: Answer the questions on the Express and Create cards in writing.
- Arts: Design your own environmental artwork in a chosen location.
- Natural Science and Arts: Explore how different materials (metal, glass, plastic, stone, paper) reflect light, and design your own mini-sculpture that utilises light reflection.
- Natural Science: Investigate the formation of glaciers. Draw a comic strip about the process.