







COAL + ICE

STUDENT GUIDE



USEFUL TERMS

-  **Greenhouse gases:** Gases that trap heat in the atmosphere, such as carbon dioxide, methane, and water vapor.
-  **Global warming:** The gradual increase in the Earth's surface temperature due to human activities, such as burning fossil fuels and deforestation.
-  **Carbon footprint:** The amount of carbon dioxide and other greenhouse gases that are emitted by an individual, organization, or product.
-  **Fossil fuels:** Energy sources, including oil, coal and natural gas, that are non-renewable resources formed when prehistoric plants and animals died and were gradually buried by layers of rock.
-  **Renewable energy:** Energy that is generated from natural resources, such as sunlight, wind, and water, which are replenished over time.
-  **Sustainability:** The ability to maintain ecological balance and avoid depletion of natural resources for future generations.

Try to find an image from each continent as you tour the exhibit. Note down some image locations here if you wish.



ASIA SOCIETY MUSEUM
725 Park Ave, New York, NY 10021
AsiaSociety.org/CoalandIce

2nd Floor

How did we get here?

1 Enter the Ross Gallery and watch the video series depicting flooding events in 13 countries 2010-2018. Imagine (or recall) such flooding in your home and community. How would you feel wading through flood waters, re-entering your home to find your belongings drenched or gone?

2 In the central corridor, note the people at work throughout the photos. How might their lives and livelihoods be affected by climate change?

3 Enter the Starr Gallery. To your left, explore images of coal mining. Note down changes in mining from the past to present and from one place to another.

2nd Floor

Scavenger Hunt

+ List the forms of water you see in the photos and videos. List the locations if you know them.

+ Find three examples of climate change consequences upon: 1) land, 2) weather, and 3) people.

+ Which image do you find to be most inspiring?

+ Imagine you are a photographer documenting climate change impact in your community. What image(s) would you try to document? And why?

3rd Floor

Where do we go from here?

Jump into action with one (or more) activity:

+ **Get Inspired!** Enter the Aron Gallery to see renewable energy and poetry in action.

+ **Create a Climate Poster!** Get Creative with the **Posterator**. Add your own message to an image from the exhibit; then post it on social media to raise awareness. Or visit: poster.coalandice.org

+ **Research & make history!** Visit **The Map of Memory** video display to explore species, habitats, and more natural history. Then, add a memory of something lost or renewed in your natural environment. Or, visit: whatismissing.org

+ **Step into the future!** Visit **New York, 2050**, in the Rockefeller Gallery and notice the smells, lights, and sounds in each room. How is the 2050 net-zero vision of New York different from the city today? Identify one innovation you see and the steps we might take to implement it.

+ **Choose Your Path!** Step into a time machine with **The Accelerator 2050**.

- Chat with your future self to learn about your climate impact: Text **Future Me** to 1.877.763.1612.
- Choose a "Carbon Vision Card" to learn about the issues and be inspired with action stories. Then, make an action plan and share it with classmates. <https://theaccelerator.studio>

+ **Share your ideas!** Design a note card with a message to share, and place it on the idea board in the main lobby (Ground floor) before you leave the museum.