USEFUL TERMS Greenhouse gases: Gases that Fossil fuels: Energy sources, including A. K trap heat in the atmosphere, such oil, coal and natural gas, that are non-Try to find an image from each continent as you tour the as carbon dioxide, methane, and renewable resources formed when exhibit. Note down some image locations here if you wish. prehistoric plants and animals died and water vapor. were gradually buried by layers of rock. Global warming: The gradual increase in the Earth's surface Renewable energy: Energy that is generated from natural resources, temperature due to human activities, such as burning fossil such as sunlight, wind, and water, fuels and deforestation. which are replenished over time. Carbon footprint: The amount Sustainability: The ability to of carbon dioxide and other green- maintain ecological balance and

avoid depletion of natural resources

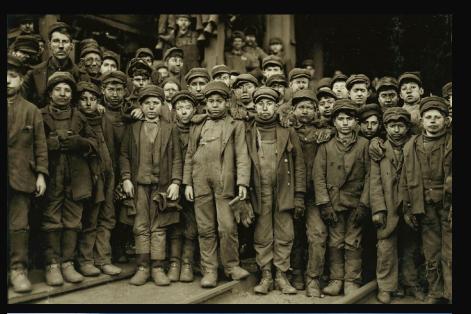
for future generations.

house gases that are emitted by an

individual, organization, or product.

COAL+ CE

STUDENT GUIDE







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.