

Effects of the Industrial Revolution: The Hall of Planet Earth

The David S. and Ruth L. Gottesman Hall of Planet Earth is massive- the hall covers the history of the planet from its formation to the present day. Earth's systems, from the rock cycle to the ocean's currents, can have drastic effects on human life. On the scale of geological time, humans are newcomers, but over the past 200 years humanity has made an indelible impact on Earth. Why? How do scientists study humanity's impact on the planet? These are the questions we will be exploring in this exhibit.

Our exploration will mainly be focusing on the first section of the exhibit. If you finish your worksheet and still have time remaining, be sure to check out the rest of the Hall- there are a lot of interactive activities and interesting things to see!

Section: Natural Resources

The industrial revolution led to increased demand for many natural resources such as coal, iron, and oil.

Look at the selection of ores on display. Find three that look interesting to you. Read the information and answer the questions for the two ores.

Ore #1:

Name:

Use:

Ore #2:

Name:

Use:

Ore #3:

Name:

Use:

Section: Climate and Climate Change

Look at the displays. What tools do scientists use to learn about the climate of the past?

What are scientists interested in studying the climate of the past?

Bring this worksheet back to an instructor to check. When they've approved it, you can explore the rest of the exhibit!