



FORCES OF NATURE

PARENT GUIDE

Sybil B. Harrington Gallery, Level 3



Never stop wondering.
Never stop imagining.™

FORCES OF NATURE

GALLERY INFO

Experience the forces of the Earth in an exciting, interactive exhibit that allows you to explore natural disasters, volcanoes, the sky and more! Throughout the Forces of Nature gallery, you will learn about nature's powerful forces by experiencing what it's like to feel the heat from a volcano, the torrential rain of a hurricane, and even the ground shaking beneath your feet! Discover how land, water, and air work together to move matter through its powerful systems.

QUESTION GUIDE

- After visiting the Immersion Theater, ask your child about the different natural disasters they experienced. Which one was the most interesting? Why?
- Stop at the *Plates on the Move* activity to try to build a sturdy structure that can withstand an earthquake. Ask your child what they think is the best way to build the structure so that it doesn't fall over. Test their design on the shake table and encourage them to redesign their structure if it falls over during testing.
- Take a look at the layers of our Earth at the *Roil and Boil* exhibit. Ask your child what they think a volcano is, and why it erupts. Strengthen their ideas by reading the diagrams and descriptions together.
- Visit the *Tectonic Basin*, and ask your child to predict what they think will happen to the sand when the ground underneath begins to shake. Test their ideas by viewing what happens when you press the button to simulate the shaking ground.
- View *The Carbon Exchange* infographic and examine how carbon, the building block of life on earth, is always on the move between air, water, land, and living creatures. Ask your child to describe one way carbon moves through Earth's systems.
- After interacting with *The Rock Recycler*, ask your child to predict how their chosen rock will end up after going through the rock cycle.