

science storms

Guiding Questions

Science Storms invites students to investigate the basic scientific principles behind some of nature's most awe-inspiring events. The exhibit contains over 50 interactive challenges that bring classroom physics and chemistry lessons to life. These guiding questions can be used before, during or after your Museum visit to spark a discussion about basic science concepts. The questions are organized by sections of *Science Storms*, starting at the main entry off the Rotunda on Main Level 2. The exhibit covers two floors.

During your visit to *Science Storms*, we recommend using the field trip worksheets available at www.msichicago.org/education.

Main Level 2

Avalanche

- What kind of movement do you see?
- Why does this happen?

Tornado

- What is a vortex?
- What conditions are required for a vortex to form?

Sunlight

- How do we see light?
- What can sunlight be used for?

Tsunami

- What are waves?
- What are some ways to make different types of waves?

Balcony Level 3

Fire

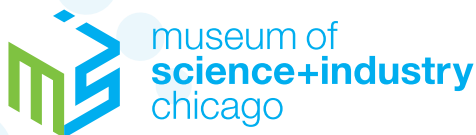
- What is the fire triangle?
- How is fire a chemical reaction?

Lightning

- How is lightning formed?
- How are electricity and magnetism related?

Atoms

- What is stuff made of?
- How do atoms affect how materials behave?



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