



THE WORLD ABOVE US

Level: **Grades K-2**Length: **45 minutes**

PROGRAM DESCRIPTION

What can we see when we observe the sky? Many things fill the world above us, from rain to planes and from stars to things near and far! Journey up, up, and away through Earth's atmosphere and into space to discover the ways objects seen in the sky affect our planet and people.

CURRICULUM CORRELATIONS

Students will:

- Identify objects seen in our sky and their role in Earth's processes. **SKE1; S2E2**
- Recognize different types of weather and characteristics of each type. **S1E1a; S1E1b**
- Compare and contrast our sun and solar system with others in the universe. **S2E1a,b**

ESSENTIAL QUESTION

How do objects in space affect events on Earth?

PROGRAM VOCABULARY

Atmosphere
MoonPlanet
PrecipitationStar
Sun

Weather

ASSOCIATED VOCABULARY

Earth
GalaxyMeteor
Milky WayRevolve
RotateSolar System
Space

Water Cycle

PRE-VISIT ACTIVITIES

As a class, review vocabulary and have students share a story about something they see in the sky, either in the day or at night. Take a walk outside at your school to investigate the daily weather conditions.

AT THE MUSEUM

Visit **Fantastic Forces** to observe the many and varied forces of planet Earth, including tornadoes and lightning.

POST-VISIT ACTIVITIES

Make a class weather journal to record observations of the sky over a set period of time. Discuss how the weather and other things in the sky changed over the course of journaling and how that has affected daily life for the students.