



NOAA Boulder Teaching Resources: 1st Grade Guide



Student Activities

Learn about space weather in this [Story Map](#)

Classroom Demo: [Solar and Lunar Eclipse](#)

Printable Activities:

Solar flare [coloring page](#)

Space Weather [poster](#)

[From Sun to Earth](#) - Student activity to demonstrate space weather events and the distance from the sun

Videos

[Ask a Scientist](#): What is a solar flare?
How often does space weather happen?
How do you warn astronauts about space weather?

SciJinks [Space Weather](#)
[What Causes tides?](#)

SWPC [Tour the Space Weather Prediction Center](#)
[Introduction to Space Weather](#)

SOS Explorer Mobile

Science on a Sphere Explorer Mobile is a free app from NOAA. Put it on a Chromebook or tablet [here](#).

Aurora See the aurora borealis and aurora australis

Sun: X-rays Look for sun spots on the sun

Satellite Positions Observe thousands of satellites

Largest (movie) Compare the size of planets and the sun ocean and the movement of currents

Moon Spin around the moon to observe craters

Meeting the Standards

Standard

- Patterns of movement of the sun, moon and stars as seen from Earth can be observed, described and predicted.

NOAA Science

- Space Weather can be observed, analyzed and predicted.

Request a Virtual Visit with a Space Weather Prediction Center Forecaster [here](#).



NOAA Boulder

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