



NOAA Boulder Teaching Resources: **Kindergarten** Guide



Student Activities

Extreme Weather and Safety [Story Map](#)

Weather Demos: [Air Pressure](#) [Temperature and Color](#)
[Cloud in a Bottle](#) [Wind](#)

Weather Preparedness with Owlle
[Owlle Skywarn Weather Book](#)
[Working in the Weather Service](#)
[Print Owlle](#) (Create your own weather PSA)

Videos

[Ask a Scientist](#): What Causes Wind?
Why is Arctic Ice Melting?
What are Greenhouse Gases?

National Weather Service severe weather preparedness
[Preparedness with Owlle](#) [Lightning Safety](#) [During a Tornado](#)
[Tsunami Safety](#) [Kindergartener's Tornado PSA](#)
[Tour of National Hurricane Center](#)

Tour the National Weather Service Office in Boulder [here](#)

SOS Explorer Mobile

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

- Earth in True Color** Observe patterns all around Earth
- Satellite Positions** See hundreds of Satellites around Earth
- GOES-R** Learn about NOAA's newest satellites and what they can observe
- Wind Streamers** Watch jet streams move around the world
- Sea Surface Currents** Watch temperature change in the ocean and the movement of currents

Meeting the Standards

Standard

NOAA Science

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| <ul style="list-style-type: none"> Patterns are observed when measuring the local weather, including how humans and other organisms impact their environment. | <ul style="list-style-type: none"> Weather forecasts needs many observations (weather instruments, weather balloons, satellites). NOAA monitors changes in the air. Satellites observe changes on Earth. |
| <ul style="list-style-type: none"> People can prepare for severe weather. | <ul style="list-style-type: none"> The National Weather Service warns people before and during severe weather events. |

Request a Virtual Visit with a National Weather Service Forecaster [here](#).



NOAA Boulder

come be BOLD with us