

## Social Studies Lesson Plan

For Demonstration of the Instructional Model: Engaging, Teaching, and Assessing with  
Technology and Online Resources Integration

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|              |                                     |
|--------------|-------------------------------------|
| Lesson Topic | Weather                             |
| Unit         | Weather and Climate                 |
| Subject Area | Geography, Environment, and Science |
| Grade Level  | 2-4                                 |
| Time         | One week                            |

### PA Standards

**7.2.4.B:** Identify the basic physical processes that affect the physical characteristics of places and regions.

**S4.A.3.3.1:** Identify and describe observable patterns (e.g., growth patterns in plants, weather, water cycle).

### NCSS Theme

People, Places and Environment

### Learning Objectives

After this lesson, students will understand basic weather patterns. Weather is affected by several factors, such as cold air, hot air, wind, humidity levels, and landforms. Weather changes on the daily basis and weather is predictable.

### Engaging

Do you think I can change weather?

Weather maker

<http://www.scholastic.com/kids/weather/>

### Teaching

Online School for Weather

<http://www.srh.noaa.gov/jetstream//>

Weather Wiz Kids

<http://www.weatherwizkids.com/>

Report and predict weather

[http://www.edheads.org/activities/weather/frame\\_loader.htm](http://www.edheads.org/activities/weather/frame_loader.htm)

Weather Watch

<http://teacher.scholastic.com/activities/wwatch/>

## **Assessing**

The Weather Game

<http://www.cotf.edu/ete/modules/k4/online/Wonline1.html>

Cloud Matching Game

<http://eo.ucar.edu/webweather///cloudmatch.html>

Create my favorite weather

<http://www.scholastic.com/kids/weather/>