

Learning Activity Template

Title: Weather Unit

Curriculum: Science

Grade-Level Span: 3rd grade

PURPOSE:

Students will investigate weather conditions.

DESCRIPTION:

This unit includes a power point presentation on weather with links to weather sites, activities, and a WebQuest on clouds.

ACTIVITIES	CURRICULUM STANDARDS	NETS PERFORMANCE INDICATORS
Reading a thermometer activity http://www.miamisci.org/hurricane/temperature.html http://www.miamisci.org/hurricane/thermometerread.html	III. The Water, Cycle, Weather, and Climate	Basic Operations Technology & Productivity
Graphing temperature activity http://www.miamisci.org/hurricane/graphtemp.html	III. The Water, Cycle, Weather, and Climate	Basic Operations Technology & Productivity
Making a barometer activity http://www.miamisci.org/hurricane/barometer.html	III. The Water, Cycle, Weather, and Climate	Basic Operations Technology & Productivity
Wind spiral activity http://www.miamisci.org/hurricane/windmove.html	III. The Water, Cycle, Weather, and Climate	Basic Operations Technology & Productivity
Hearing the wind activity http://www.miamisci.org/hurricane/windchime.html	III. The Water, Cycle, Weather, and Climate	Basic Operations Technology & Productivity
Wind speed tool activity http://www.miamisci.org/hurricane/windscale.html	III. The Water, Cycle, Weather, and Climate	Basic Operations Technology & Productivity
Wind streamer activity http://www.miamisci.org/hurricane/windstreamer.html	III. The Water, Cycle, Weather, and Climate	Basic Operations Technology & Productivity
Student WebQuest on Clouds http://www.up140.jacksn.k12.il.us/Bray/TWebQuest.html http://www.up140.jacksn.k12.il.us/Bray/swebquest.html	III. The Water, Cycle, Weather, and Climate	Basic Operations, Technology & Productivity, Technology Research tools,

TOOLS AND RESOURCES:

- Powerpoint Presentation “Let’s Learn About Weather”
Link to PowerPoint: [Let’s Learn About Weather-Megan Devine.ppt](#)

Websites:

- Miami Museum of Science-Observing Temperature
<http://www.miamisci.org/hurricane/temperature.html>
- Miami Museum of Science-Thermometer
<http://www.miamisci.org/hurricane/thermometerread.html>
- Miami Museum of Science-Temperature
<http://www.miamisci.org/hurricane/graphtemp.html>
- Weather Instruments
<http://schoolscience.rice.edu/duker/winstruments.html>
- Miami Museum of Science-Barometer
<http://www.miamisci.org/hurricane/barometer.html>
- Miami Museum of Science-Wind Spiral
<http://www.miamisci.org/hurricane/windmove.html>
- Miami Museum of Science-Wind Chime
<http://www.miamisci.org/hurricane/windchime.html>
- Miami Museum of Science-Measuring Wind Speed
<http://www.miamisci.org/hurricane/windscale.html>
- Miami Museum of Science-Wind Streamer
<http://www.miamisci.org/hurricane/windstreamer.html>
- The Water Cycle
<http://www.kidzone.ws.water/>

Resources Needed for WebQuest:

- Web Quest –Clouds-Teacher’s Guide
<http://www.up140.jacksn.k12.il.us/Bray/TWebQuest.html>
- Web Quest –Clouds-Student WebQuest
<http://www.up140.jacksn.k12.il.us/Bray/swebquest.html>
- The Cloud Book by Tomie dePaola
- What Makes It Rain by Keith Brandt
- What Will It Rain? By Jane Belk Moncure
- Forecast by Malcolm Hall
- The Usborne Book of Weather by Anita Ganeri
- Weather by Brian Cosgrove
- The World of Weather by Raymond F. Jones
- The Magic School Bus Inside a Hurricane by Joanna Cole
- <http://www.wxduke.com/>
- <http://www.cloudman.com>
- <http://www.cloudyskies.net>
- <http://kidscience.about.com>

ASSESSMENT:

Weather Projects

Student Name _____

	Date	+ -	Notes:
Thermometer project			
Graphing Temperature			
Barometer Project			
Wind Spiral			
Wind Chime			
Wind Scale			
Wind Streamer			

Cloud WebQuest

	Very Good	Satisfactory	Effort Shown	Unsatisfactory
Report describes what cloud looks like				
Report contains the weather the cloud could predict				
Report contains 3 other facts				
Drawing of cloud is accurate				
Weather prediction drawing is accurate.				
Classroom behavior				

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**CREDITS (INCLUDING CONTACT
INFORMATION):**

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(The WebQuest was designed by Haley Bray,
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