Learning Activity Template

Title: Weather Wise

Curriuclum: Earth and Space Science D3

Grade-Level Span: 1st – 4th grades

PURPOSE:
Plan and conduct a simple weather investigation using technology.

DESCRIPTION:
The student will employ simple equipment and tools to gather data.

ACTIVITIES

CURRICULUM STANDARDS NETS PERFORMANCE INDICATORS 1. Read The Story of Punxsutawney Phil the Fearless Forecaster by Dr. Julia Spencer Moutran. Gr. 1 & 3 III B 2. Brainstorm a list of weather instruments and discuss what each instrument measures. Gr. 1 & 3 III B 3. Students will go online to find directions to create classroom weather stations using everyday items. Gr. 1 & 3 III B5 4. Measure and record data on weather conditions using a computer generated graphing program. Gr. 1 & 3 III B 5 5. Compare and contrast weather conditions in a different city. Gr. ! & 3 III B 6

TOOLS AND RESOURCES:
(List all Web sites, specific software and hardware, and other needs.)
Instrument directions found at:http://www.weatherwizkids.com
Weather maps found at: http://weather.yahoo.com/

ASESSMENT:
(How will you assess the students' learning? If you have a rubric, record it here. Be as specific as possible.)
Graph contents includes: title, horizontal and vertical labeling, a key (if needed), written summary to give evidence of how each instrument is used to measure weather.

CREDITS (INCLUDING CONTACT INFORMATION):
(Record the names and e-mail addresses, if possible, of those who contributed to the development of this learning activity.)
K. Dirksen kdirksen@isd2142.k12.mn.us
P. Ellison pellison@isd2142.k12.mn.us
J. Morreim jmorreim@isd2142.k12.mn.us

C. Yount cyount@isd2142.k12.mn.us

COMMENTS:

(Have you taught this learning activity before? What are the great ah ha's/experiences you had?)
The Weather Channel has created a resource guide and poster available for classroom use at (www.weather.com)