

FINAL PROJECT: LESSON PLAN GRAPHING, PREDICTING

Team Member: Linda Escott

Content Area: Math, Science, Geography

Grade Level: 4th

Content Standards:

National Geography Standards 1-3

National Science Standards Content Standard A

National Math Standards—Representation

National Educational Technology Standards Strands 2, 3, and 5

Time Frame: one week

Vocabulary: temperature, precipitation, weather, climate

Materials:

TV or radio paper

Colored pencils

Activity:

On Sunday night or Monday morning (before school) students will listen to local radio or TV for the upcoming week's extended 5-day forecast. Students will record predicted temperature highs and lows for the week.

Students will write each day's actual temperature.... highs and lows. Students may either watch their local news, listen to weather on the radio, or logon to a local news station's website for the previous day's highs and lows. Students will also record weather information as to sun, clouds, rain, etc.

Each student will complete a bar graph illustrating the differences between the predicted highs and lows for the week with the actual temperatures.

Students will be divided into groups of 4 or 5 students. Each group will be responsible for creating a slide show illustrating their findings regarding the week's weather project.

Assessment:

Assessment will be two-fold. Each group will receive a grade upon completion of slide show (slide shows will vary based on skills of students in each group). The second assessment, individual assessment, will be using the following:

Skills and Steps	Yes	No	Not Sure
Recorded actual and predicted daily temperature and weather			
Accurately graphed actual and predicted daily temperatures			
Compared actual temperature graphs (and weather) with predicted temperature graphs (and weather)			