

Name \_\_\_\_\_

Date \_\_\_\_\_

## Reporting the Weather

*You and a partner are chief meteorologists at a local news station. It is your job to report the weather in a state of your choosing on the nightly newscast. You will use Google Earth to gather information and when reporting your weather forecast to the class.*

### Step-by-Step Directions

1. Select a state and have it approved by your teacher
2. Select three areas in your state for close investigation (for example, the northwest region of Minnesota, the central region of Minnesota, etc.)
3. Begin your research using Google Earth and [www.weather.com](http://www.weather.com)
4. Record information gathered on the *Meteorologists' Notebook* worksheet
5. Write a script for your weather report. Be sure to mark when and how you will use Google Earth during your report to the class.
6. Present your weather report to the class

### Checklist of items to include in your weather report

- \_\_\_\_\_ 1. For each of the three areas in your state, record:
  - \_\_\_\_\_ a. The current temperatures (both Fahrenheit and Celsius)
  - \_\_\_\_\_ b. The current conditions (sunny, cloudy, rainy, etc.)
  - \_\_\_\_\_ c. A radar picture that shows the weather (use Google Earth)
  - \_\_\_\_\_ d. A brief description of activities one can do given the current weather conditions
- \_\_\_\_\_ 2. A five day forecast for one of the areas that you researched (use [www.weather.com](http://www.weather.com))
- \_\_\_\_\_ 3. A brief description of how the location of your state impacts its weather patterns

### You will be graded on:

- The accuracy of the information in your forecast
- Inclusion of all required items
- Ability to explain the relationship between where your state is located and its weather
- Appropriate use of Google Earth during your presentation
- Overall preparation for and delivery of your forecast

## Getting Started with Google Earth

1. Open Google Earth.
2. Look in the upper left-hand corner of the page. In the “fly to” search bar, type in your approved state.
3. Use the tools in the upper right-hand corner of the page to move about your state.
4. In the lower left-hand corner of the page, you will find a “layers” section. In this section you can turn map layers on and off. Turn on the weather layer to see the current weather conditions in your state.
5. Click on the weather icon located in the area of the state you are researching to find more information about the weather.
6. If you need guidance with the program, ask for help.

