

Blank US Maps.
6SC - E8 PO 1 and PO2

I. Intro to weather:

1. Use the maps for student notes from the board. Draw a map on the board and give examples of each type of weather you would like your students to be able to reproduce and identify.

Cold fronts, warm fronts, isobars, wind patterns and such.
(Any thing I want them to eventually put on their maps will come from these notes on the board.)

**Use the School-Met site to see real time examples of these patterns.*

2. Now that they are familiar with the maps, they will be given the weather condition in 2 or 3 cities.

Students will then have to predict and illustrate what the weather map would look like. Creating the correct weather patterns on their maps.

*** Now that the student has created their maps, they can check their maps against the maps on the School Met cite.*

3. Give students maps of the state and have them do the same thing as in #1, but on a local level.

This could be especially fun if the are getting a break, for example; Thanksgiving, Christmas, spring break, etc.

4. These maps can also be used as a reinforcement tool.

A. Students are directed to the School-Met site and will draw (or copy) a weather map from the site. Can be current or a past map.

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PO2

- B. Students will trade these weather maps and write their weather forecast for that area on the map. They can check it using the School-Met site.

Extension:

Students can be given the weather for the past few days and predict how the weather fronts will move. They can check this with the actual weather from our School-Met site.

Culminating Activity:

As a culminating activity students can create a weather forecast using data from the School-Met site.

1. Students will create a "news cast" style weather show.
 - A. Using data gathered from the School-Met site and utilizing our LCD projectors to show the School-Met data, students can tap into the School-Met site and generate a innovative and creative weather casts and reports.

Some fun ideas - reporting from the storm area
on location reporting
"Storm Stories"

These forecasts/reports could be local or regional