


Weather Research and PowerPoint Project

Subject: Technology/Science/Math/Speaking-Listening
Grade: 3-4
Time: 2.5 hours
Group: Whole/small group
Standards: NETS – Students 1a, 1b, 2a, 2b, 2c, 3a, 3b, 4a, 4b, 5a, 5b, 5c, 6a, 6b
Indicators: LCSD#1 Performance Indicators 3-5

Objective:

- Students will be introduced to and explore weather resources.
- Students will create a presentation about one city's weather.
- Students will learn and be able to explain that a meteorologist is a scientist who studies the weather and predicts weather forecasts.


Resources/Materials Needed:

- Microsoft Office suite- PowerPoint, SMARTBoard notebook, or other presentation applications
- Weather PowerPoint Template  [Weather forecast template](#)
- [Student directions](#)
- Internet
- Decide which cities in the US will be used, and the student(s) assigned to each city.

Internet sites:

- <http://www.weather.com/>

Activities/Procedures:

- **Discuss/Demonstrate:**
 - What is a meteorologist?
 - What kinds of tools or data can a meteorologist use to give accurate weather reports?
 - How important is it for people to know about the weather?
 - Expansion ideas.
 - Safe Internet practices and correct citations for a research project.
 - Expectations of behavior with the computers.
- **Practice:**
 - Students will receive copy of the [Student directions](#) worksheet.
 - Using student computer workstation and the Student Direction worksheet, students will begin gathering information about the weather being a meteorologist, and writing a paragraph about how the weather affects people in the selected city.
 - Students will save a copy of the  [Weather forecast template](#). Using the completed **Student Direction** worksheet, transfer information to the **Weather Forecast PowerPoint**.
 - Show students how to copy/paste the current Weather Doppler picture to slide.

Conclusion:

- Students will have the opportunity to present the Weather Forecast PowerPoint to their class. The class may have access to a SMARTboard for this presentation.
- Teacher will evaluate and grade presentation/data collection/research skills.

Closing:

- What was learned?
- What were the new skills used?
- How can these skills be implemented in future projects?