

Solar System

Subject: Technology/Science
Grade: 5
Time: 1 hour
Group: Whole group and Small Group
Standards: NETS - Students 1a, 1b, 2b, 2c, 3a, 3b, 4b, 5a, 5b, 5c, 6a and 6b
Performance Indicators: All 3-5 Indicators
Objective: The students will research sites that are helpful in learning about the solar system and create an electronic poster or mini presentation on one specific planet.

Resources/Materials Needed:

SMART Board and components

Computer

Projector

Notebook file - [solarsystem.notebook](#)

Optional - PowerPoint

Internet sites:

www.nationalgeographic.com/solarsystem/

www.solarviews.com/eng/homepage.htm

<http://space.jpl.nasa.gov/>

Activities/Procedures: Review the solar system and create electronic posters (in Notebook) or slides (in PowerPoint) to present your planet to the class.

Discuss:

How to go into the Gallery in SMART Notebook to find the Solar System information. Safe Internet Usage, and how to determine if a website is a reliable resource.

Demonstrate:

How to bring in the background of the Planet Sizes to investigate the planets. Watch the flash file on Slide 3 and take the test together. How to insert pictures from file, and clipart as well as from the Gallery. How to cite sources on a reference slide.

Practice:

Investigate the Solar System by going to the websites. One of the sites takes the students to a Virtual Solar System. Another gives Views of the Solar System. The Simulator System gives the students the opportunity to see many angles of the solar system.

Students will use this information to create either a PowerPoint presentation or Electronic Poster on their planet.

Closing: A review of each of the planets can be done by watching and evaluating the presentations of the class.