

Learning Activity Template

Title: Traveling Through the Solar System

Curriculum: Science

Grade-Level Span: Grades 3-8

PURPOSE:

Students will identify the planets in the solar system and their relative sizes, distances, and basic characteristics.

DESCRIPTION:

Research the planet at one of the following web sites: <http://www.nineplanets.org>, <http://pds.jpl.nasa.gov/planets/>, and <http://www.nasm.si.edu>. Construct a 3-D model of your planet using photographs found from your search. Using the information gained from your research, write a poem and design a travel brochure to persuade others to visit your planet. Conclude with a 15 minute Power Point presentation that sums up what you have learned.

ACTIVITIES	CURRICULUM STANDARDS	NETS PERFORMANCE INDICATORS
Research the assigned planet.	8III C 3, 3III C 2	5
Make a model to scale of their planet.	8III C 3, 3III C 2	
Create a poem or song about your planet.	8III C 3, 3III C 2	1,2,3
Create a travel brochure using Desktop Publishing.	8III C 3, 3III C 2	1,2,3,4,5
Give a 15 minute PowerPoint presentation.	8III C 3, 3III C 2	1,2,3,4,5

TOOLS AND RESOURCES:

Web Sites include: <http://www.nineplanets.org>, <http://pds.jpl.nasa.gov/planets/>, and <http://www.nasm.si.edu>.

Computer with internet capabilities, PowerPoint, Desktop Publisher, color printer, word processor, and LCD projector.

ASSESSMENT:

Students will be using a rubric that they will see prior to the assignment. Each task will use a different

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COMMENTS:

The students really enjoy the creative aspect of this assignment.