

USD 469 Lesson Plan

Lesson Title	Planet Projects
Created by	Jennifer Kolb
Building	Middle School
Grade Level	6 th grade
Subject Area	Science
Time <i>(Time frame for the lesson)</i>	2-3 hours
State Standards Addressed	<p>STANDARD 4: EARTH and SPACE SCIENCE – The student will apply process skills to explore and develop an understanding of the structure of the earth system, earth’s history, and earth in the solar system.</p> <p>Benchmark 3: The student will identify and classify stars, planets, and other solar system components.</p>
<p>Technology Equipment <i>(list the equipment needed and what needs to be connected before the lesson begins. Also any instructions on connecting)</i></p>	<p>Computer with Microsoft Publisher Template may need to be saved to desk top/ public drive (see template # 1). Computer that is hooked up to TV or projector to show united streaming video.</p>
<p>Tips <i>(Special instructions or information that will help the instructor be successful using the equipment. What the students need to know BEFORE the lesson? What do the teachers need to know before the lesson?)</i></p>	<p>Students will complete their research on specific planets before starting their publisher projects. See attached research rubric # 1. Students will also view United Streaming Videos that discuss the solar system and general information about the inner and outer planets. Recommended videos include Closer Look at the Planets, A: Space Science Series and Earth Science: Space Exploration. These should be downloaded before hand for optimal viewing. After viewing and conducting additional research students will fill in a planet template. The template is already designed so students with limited computer exposure can focus on getting their information in the different boxes. Students who have more experience can work on customizing their posters.</p>
<p>Activity Type <i>(list all that apply- Group activity, Cooperative learning, Research, Hands on, etc...)</i></p>	<p>Research and Hands on activity. Students will work in groups of two.</p>
<p>Activity Context <i>(Briefly describe how the activity fits into the context of the lesson. What will precede the activity? What will follow the activity? What do you want to accomplish by using the activity in your classroom)</i></p>	<p>This activity fits into the context of the lesson by having students visually show the information they have found about their specific planets. The publisher activity is preceded by research on the planets in the library. The publisher activity will be followed up by students presenting the information they found about their planets. Through using this activity students will reinforce the information they learned about their planets as well as get some experience working with the publisher program.</p>

Additional Materials/Resources <i>(Handouts)</i>	See attached template # 1
Extension Activities/Follow up <i>(What do you do next? How do you know it was successful? Other activities to do.)</i>	Students will print out their posters and turn these in after they present the information on their planet. Students will also turn in their research and rubrics for grading. Other activities may build on their knowledge of publisher by allowing them to customize future posters.