<table>
<thead>
<tr>
<th>Lesson Plan</th>
<th>Solar System Discovery</th>
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<td>Target Area:</td>
<td>Grade 4</td>
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**Overview**
The solar system is an interesting topic that contains a vast amount of knowledge. Children need to learn about this topic and with this lesson they will be able to explore, learn, and collaborate with others. They will learn basic information like size, order and temperature.

**Objectives**
By the end of this lesson students will be able to:
- Place planets in cosmic order
- Identify planets by size, order, and temperature
- Understand how to edit and use a wiki page
- Collaborate with children in other classrooms via the wiki page

**Materials**
Items needed for this lesson include:
- Computer terminals
- Internet access
- Books on planets
- Partners in other classrooms
- Class PBwiki page
- Quiz over planets

**Procedures**
1. Divide class into 8 groups and assign each group a planet.
2. Allow groups to use Internet or books to research information about their planet.
3. Once they acquire the information, have them post their findings on the wiki page.
4. Partners from the other classrooms will also post findings.
5. Have the students edit the page until all contributors are satisfied with the information.
6. Have all students take open page quiz on all planet pages.

**Standards**
Indiana State Standards-
4.2.6.-Support statements with facts found in print and electronic media, identify the sources used, and expect others to do the same.
(source: http://www.indianastandards.org/standard.asp?Subject=sci&Grade=4&Standard=2)

NETS*S
6. Technology Operations and Concepts
   Students demonstrate a sound understanding of technology concepts, systems, and operations. Students:
   a. understand and use technology systems.
   b. select and use applications effectively and productively.
   c. troubleshoot systems and applications.
   d. transfer current knowledge to learning of new technologies.
(source: http://www.iste.org/Content/NavigationMenu/NETS/ForStudents/2)
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<th>Posted by:</th>
<th>Julie Warren</th>
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