Lesson 2: We Choose Space!

Space Exploration Timeline

Standard: Describe the history and future of space exploration, including the types of equipment and transportation needed for space travel.

Objective: Students will explore the history and future of space exploration by creating a timeline that documents important events in the history of space exploration.

Procedures:

1. Independent Practice – Have students brainstorm to create a list of significant events in the history of space exploration.
2. Class Discussion – Using the student generated ideas, create a master list of space events.
3. Paired Work – Assign each student pair a five year period, beginning with 1960, to research.
4. Class work – All students should work together to create an accurate timeline of the history of space exploration on one piece of butcher paper.

Assessment: Students will be assessed on the accuracy of their individual portion of the timeline and information presented regarding their assigned time period.
Lesson 2: *We Choose Space!*

**Space Exploration Timeline**

**Instructions:** You will be assigned a 5 year span of time. Your task is to include all significant space exploration events during that time period.

**Presentation Guidelines**

- You must include at least 10 pictures
- Everyone in your group must speak
- Length 5-10 minutes
- Missions/projects occurring during your time period
- Spacecraft used
- Astronauts aboard
- Mission highlights

**Sources:** You must include and properly cite at least 5 sources, two of which must be print (journal, magazine, book, etc). Your works cited page must either be emailed or printed and handed in to me.
Some significant events that might help to start your research: John F. Kennedy’s speech, Mercury project, Gemini program, Apollo program, Skylab project, Apollo/Soyuz missions, Space Shuttle program, Sputnik mission, Hubble Telescope

**Dates**

**Name of Mission/project:**

**Space Craft Used**

**Astronauts Aboard:**

**Mission Highlights:**
Lesson 2: *We Choose Space!*

**Space Exploration Timeline**

**Grading Rubric for Project**

<table>
<thead>
<tr>
<th>Category</th>
<th>Criteria</th>
<th>Points Possible</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organization</td>
<td>Information is presented in a logical sequence</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project emailed or brought in on time</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Presentation appropriately sites five references</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Content</td>
<td>Appropriate number of pictures</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Presentation contains scientifically accurate material</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Presentation contains appropriate scientific terms</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Presentation</td>
<td>Speaker maintains good eye contact with audience</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker uses a clear voice</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Presentation shows obvious preparation and practiced delivery</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length of the presentation is within the assigned time requirement</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>60</strong></td>
<td></td>
</tr>
</tbody>
</table>