Academic Poster Presentation (for 5th & 6th graders)

Overview

Students design a compelling presentation highlighting what they learned in this unit, including:
- The benefits of train travel to kids
- The benefits of train travel to the environment

Poster Presentation for 5th & 6th Graders

1. Determine the topic you want to convey through your poster. As an example, the poster sample below focuses on explaining the efficiency of high-speed rail travel.
2. Research some evidence that supports your statement. You will be expected to perform mathematical calculations similar to the activities we have done in this lesson. You will also be expected to present your findings as a compelling graph/chart, which will make it easier for other people to understand the data.
3. Share your poster with your class. You will be expected to explain the topic you chose and the evidence you found. Don’t forget to share how you complete the calculations and create your graph/chart. Lastly, share your conclusion after completing this activity.
High-Speed Rail in California

Why is high-speed rail an efficient option to travel through California?

How many people can each of these transportation modes carry?

<table>
<thead>
<tr>
<th>Mode</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car</td>
<td>4</td>
</tr>
<tr>
<td>Electric Car</td>
<td>4</td>
</tr>
<tr>
<td>Bus</td>
<td>50</td>
</tr>
<tr>
<td>Airplane</td>
<td>100</td>
</tr>
<tr>
<td>High-Speed Rail</td>
<td>150</td>
</tr>
</tbody>
</table>

Carbon output per person:

- **High-Speed Rail**: 0.7 grams of CO₂ per mile
- **Airplane**: 100 grams of CO₂ per mile
- **Bus**: 53.6 grams of CO₂ per mile
- **Electric Car**: 47.5 grams of CO₂ per mile
- **Car**: 101 grams of CO₂ per mile