Carnival Mission
Exploring the Cost of Carnival Games

RECAP
You will be going to the State Fair of Texas to explore the cost of carnival games. Check with your teacher before you go; you should have reviewed linear equations, direct variation, slope, how to create a table from data that you collect, and how to graph a line from a given equation.

Plan Your Route
★ You will begin your Quest in the Midway. As you walk through the Midway, pay close attention to the carnival games.

While You’re There
You will use information you gather at the State Fair to help you with THREE project goals:
1. Sort and graph information about three games you observe at the Fair
2. Turn that information into a creative, artistic presentation
3. Design a persuasive marketing pitch about your favorite game, to convince others to play it.

The objective of your visit is to choose THREE games that you would like to play. ★CARNIVAL MISSION: you will explore the cost of playing games on the Midway.
- Choose three games you would like to play.
- Each game should cost a different amount of credit to play.
- Record the name of the game and how much credit it takes to play.
- Determine how much money one credit costs in dollars.
- Record your information in your notebook/smartphone, or use the table on the right:

<table>
<thead>
<tr>
<th></th>
<th>1 CREDIT COST (in dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAME 1</td>
<td></td>
</tr>
<tr>
<td>GAME 2</td>
<td></td>
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<tr>
<td>GAME 3</td>
<td></td>
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</tbody>
</table>

★ART COMPONENT: notice colors, textures, and artistic components used in the games you play. These will be important as you work on the art component of this Quest.

Back at School
When you return to class following your State Fair visit, you will work on your three projects. See your teachers for more information.

Optional Materials to Bring
★ Pen or Pencil
★ Notebook or Paper
★ Smartphone or Tablet