STEAM in PE

Obstacle Course Design Challenge

S- Science (speed, force, distance)
T- Technology (stop watch, Go Pro video)
E- Engineering (design, structural stability)
A- Art (creativity)
M- Math (analyze finish times)

The Challenge:
Create an obstacle course made for 3rd and 4th grade students.

Guidelines:

1) Your course must have 4 different obstacles. Choose your equipment wisely!

2) You must draw your obstacle course.

3) You must write labels on your map of your obstacle course.

4) Everyone in your group must try the course and be timed with a stop watch.

5) You must record all times, find the fastest, slowest and difference in times.

6) Your group must show the course to the rest of the class. Everyone in your group must have a role (either a turn talking or showing us how to do it).
# STEAM in PE

## Obstacle Course Design Challenge

### Time analysis:

<table>
<thead>
<tr>
<th>Runner</th>
<th>Time 1</th>
<th>Time 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Runner 1</td>
<td>______</td>
<td>______</td>
</tr>
<tr>
<td>Runner 2</td>
<td>______</td>
<td>______</td>
</tr>
<tr>
<td>Runner 3</td>
<td>______</td>
<td>______</td>
</tr>
<tr>
<td>Runner 4</td>
<td>______</td>
<td>______</td>
</tr>
<tr>
<td>Runner 5</td>
<td>______</td>
<td>______</td>
</tr>
<tr>
<td>Runner 6</td>
<td>______</td>
<td>______</td>
</tr>
</tbody>
</table>

Circle the fastest time for each runner.

What was the fastest time out of everyone in your group? ______

What was the slowest time out of everyone in your group? ______

Find the difference between fastest and slowest times. Circle your final answer.