Balance of Power
A Task-Based Instant Challenge
Team Copy

Challenge: Your task is to BUILD a structure that only touches the ground within a red square and supports weights directly above different purple squares.

Time: You will have 5 minutes to build your structure and place weights for score.

Set-up: In the center of the room is a red square. Around the red square there are four purple squares. There is also a table with weights and materials to build your structure.

Procedure: (5 minutes)
- Build your structure.
- Your structure may only touch the ground within the red square and should suspend weight directly above the purple squares.
- Your structure may not be attached to the ground.
- Your structure will be scored when time ends.
- You will receive score for each weight that is suspended directly above a purple square without touching the floor.
- You will also receive score for each purple square that has a weight suspended directly above.

Materials:
- 8 craft sticks
- 4 mailing labels
- 4 chenille stems (pipe cleaners)
- 8 paper clips
- 2 sheets of paper
- 4 straws

The weights may not be damaged and may not have the mailing labels attached to them.

Scoring: you will receive
A. 5 points (40 points maximum) for each weight suspended directly above a purple square
B. 5 points (20 points maximum) for each purple square that has a weight suspended directly above it
C. Up to 20 points for the creativity and development of your solution
D. Up to 20 points for how well your team works together
Balance of Power
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Appraiser Copy

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D. Up to 20 points for how well your team works together
Balanced Power
A Task-Based Instant Challenge

For the Appraisers only:

Set-up:

Use the following diagram to set up the taped squares.

```
  Purple  
  2”    6”  
Purple  Red  Purple  
  2”  
Purple  
```

Materials:

1. Depending on the level of difficulty you want to provide your team, use the following items for weights:
   - ping pong balls
   - six-inch nails
   - washers
   - pennies
   - 1-ounce lead fishing sinkers

2. Use a total of 12 weights.
### Balance of Power
#### A Task-Based Instant Challenge
#### Score Sheet

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>POINTS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. No. of weights ___ x 5 points each (40 points maximum) for each weight suspended directly above a purple square</td>
<td>0 or 5-40</td>
<td></td>
</tr>
<tr>
<td>B. No. of weights ___ x 4 points each (20 points maximum) for each purple square that has a weight suspended directly above it</td>
<td>0 or 4-20</td>
<td></td>
</tr>
<tr>
<td>C. Creative use of materials</td>
<td>1-20</td>
<td></td>
</tr>
<tr>
<td>D. How well the team works together (see below)</td>
<td>1-20</td>
<td></td>
</tr>
</tbody>
</table>

F. Teamwork: Circle 0-4 in each of the five rows.

<table>
<thead>
<tr>
<th>Description</th>
<th>Little or no indication of teamwork</th>
<th>Low level of teamwork</th>
<th>Adequate level of teamwork</th>
<th>Good level of teamwork</th>
<th>Outstanding—exceptional level of teamwork</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shared goal and purpose</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Working together and cooperating</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Support and communication</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Focus on results</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Respect for team members and ideas</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

**Shared goal and purpose:** The extent to which the team gives evidence that they have a common goal that everyone is committed to meeting.

**Working together and cooperating:** The extent to which the team members display cooperation and collaboration, with all team members having a role and making a contribution.

**Support and communication:** The extent to which, when working on the Challenge, the team members listen to each, exchange ideas, and support or build on each others’ ideas.

**Focus on results:** The extent to which the team’s activities are relevant to their goal and help them move forward, rather than spending time and effort on unimportant or trivial tasks.

**Respect for team members and ideas:** The extent to which the team members’ social behaviors are positive and courteous, without bickering, arguing or destructive criticism.

Comments: (Use reverse side if necessary)