Destination Imagination

*Instant Challenge*

Entry Level Version  
Focus: STEM

**Task Oriented**

**NUMBER-CRAZY!**

**Challenge:** Your **TASK** is to arrange numbers in taped boxes for score.

**Time:** You will have up to 5 minutes to use your IMAGINATION to work together to put numbers in taped boxes for score.

**Set-up:** In the center of the room are 9 taped boxes. There are also cards with numbers on them that you can put in the boxes.

**Procedure:** (5 minutes): Place numbers in the taped boxes for score. You will be given a list of ways you can put numbers in taped boxes to receive score. Try to place the numbers so that you do as many things on the list as you can. The numbers in the taped boxes at the end of time will be scored. Only one number should go in each box.

**Scoring:** You will receive

A. 10 points (80 points maximum) for each of the things on the list that you are able to do.
B. Up to 20 points for how well your team works together.
For Appraisers Only:
1. The set-up consists of 9 taped boxes in a 3 X 3 grid.

2. There should be 12 cards with numbers as follows:

```
1  2  3  4  5  6
1  2  3  4  5  6
```
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Procedure: (5 minutes):
- Place numbers in the taped boxes for score.
- You will be given a list of ways you can put numbers in taped boxes to receive score.
- Try to place the numbers so that you do as many things on the list as you can.
- The numbers in the taped boxes at the end of time will be scored.
- Only one number should go in each box.

Scoring: You will receive
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B. Up to 20 points for how well your team works together.
## Destination Imagination

### Instant Challenge

**NUMBER-CRAZY!**

### APPRAISER RUBRICS

#### RUBRIC FOR APPRAISING TEAMWORK

<table>
<thead>
<tr>
<th>Points</th>
<th>1 – 5</th>
<th>6 – 10</th>
<th>11 – 15</th>
<th>16 – 20</th>
</tr>
</thead>
</table>
| Qualities | • Dominating individual who limits participation of others  
• Cooperation is minimal  
• Little sharing of ideas | • Some evidence of individual team member roles  
• Some cooperation  
• Some evidence of accepting ideas of others | • Acceptance of team roles above average  
• Good cooperation  
• Sharing and acceptance of ideas of others | • Leadership and team roles are easily identified  
• Diversity of skills mutually respected and evident  
• Team dynamics are exemplary |
Ways of Placing Numbers

Note that 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, etc. are ODD numbers.
2, 4, 6, 8, 10, 12, 14, 16, 18, etc. are EVEN numbers.

1. All boxes have a number in them.

2. No even numbers are next to each other.

3. The sum of each of the columns (up and down) is even.

4. The sum of each of the rows (right to left) is odd.

5. There are more odd numbers in the boxes than even numbers.

6. The sum of all the numbers in the boxes is more than 25.

7. No row (left to right) has the same number.

8. The number in the middle box is 4.

9. Numbers in each of the corners are 3 or less.

10. The bottom row (left to right) is the sum of the top 2 rows.
**Destination Imagination**

Team Name:___________________  Level: E M S U

Team Number:_______________  Team Challenge:________________

Appraiser’s Name:______________

**NUMBER-CRAZY!**

**INSTANT CHALLENGE INDIVIDUAL SCORE SHEET**

<table>
<thead>
<tr>
<th>Score Element</th>
<th>Range</th>
<th>Team Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. # of things on the list successfully done</td>
<td>____ X 10 (Number: 8 Maximum)</td>
<td></td>
</tr>
<tr>
<td>B. Teamwork</td>
<td>1 – 20</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Team score elements should be recorded in whole numbers. (No fractions or decimals.)

If computerized scoring is being utilized, fill in only the outlined boxes.
## Destination Imagination

Team Name:___________________  Level: E M S U

Team Number:__________ Team Challenge:________________

### NUMBER-CRAZY!

#### INSTANT CHALLENGE MASTER SCORE SHEET

<table>
<thead>
<tr>
<th>Appraiser’s Name</th>
<th>Total Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
</tr>
<tr>
<td>Add 1 + 2 + 3 + 4</td>
<td>C.</td>
</tr>
<tr>
<td>Divide C by # of Appraisers</td>
<td>D.</td>
</tr>
</tbody>
</table>

NOTE: The division in the final step should be carried out to 3 decimal places.

#### INSTANT CHALLENGE SCORE

| E.               |

NOTE: Rewrite the final score in the box above. The final score should be rounded to 2 decimal points. Round up if the third decimal is 5 or more.