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**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Building Baseball Towers**

**Challenge**: Your TASK is to create a structure that is as tall as possible and will support a baseball.

**Materials Available:**

**12 toothpicks 5 Mailing Labels 6 straws 3 pieces of paper**

**3 paper clips 1 glove 1 plastic bag 2 pencils**

**\*Scissors: The scissors may not be part of your structure or altered in any way.**

**Trial One:**

1. Take two minutes to discuss your plan with your group members.
2. Take five minutes to build your structure.
3. Test your structure.
4. Record results in the scoring table below.

**Trial Two:**

1. Take one minute to discuss your plan with your group members.
2. Take five minutes to build your structure.
3. Test your structure.
4. Record results in the scoring table below.

**Scoring Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **A: Height of Baseball Measured in Centimeters:** | **B: Number of Seconds Structure Supported Baseball:** | **C:****Team Points****(Up to five)** | **Total Points:****Add columns A, B and C** |
| **Trial One** |  |  |  |  |
| **Trial Two** |  |  |  |  |



**Time to Reflect and Write**

1. What was the goal of the activity that you just did? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What did your group do that worked well?

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1. What did you see another group do differently that either worked or didn’t work so well?

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1. What would you do differently if you had a chance to do a third trial?

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1. What three materials do you wish you had and how would you have used them?

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