

**Marshmallow Catapult Score Sheet – 2022 (revised 7/27/21)**

School Name: \_\_\_\_\_ Team (Circle One): Varsity    JV1    JV2    JV3

Student Names: \_\_\_\_\_

**Safety Criteria:** Teams must wear proper eye protection at all times during launches. No dangerous objects or substances are used. The team does not need to hold the base of the catapult in order to launch.

**Are all safety criteria met by the team and device? \_\_\_\_\_ If yes, continue. If no, then the team will not be allowed to compete for safety reasons.**

|   | YES   | NO    |
|---|-------|-------|
| 1. The catapult device was properly impounded.  | _____ | _____ |
| 2. All energy for launches is provided by only one mousetrap and rubberbands.           | _____ | _____ |
| 3. The team uses a pencil or string to trigger the launches.                            | _____ | _____ |
| 4. No part of device is higher than 60 cm from floor when in the ready-to-launch state. | _____ | _____ |
| 5. Entire device is behind start line before, during, and after launch.                 | _____ | _____ |
| 6. No part(s) leave device during the launch.*  | _____ | _____ |

*\*If it is determined that the device is dangerous to operate, it will be disqualified and not tested. If this is the case, indicate below.*

**Teams with a “no” checked above will be placed in Tier #2. Tier = \_\_\_\_\_**

**Teams with no eye protection or who continue to remove eye protection after warnings will receive participation points only. Participation only? \_\_\_\_\_**

**Place an “X” in the blank if safety rules are violated. Disqualified? \_\_\_\_\_**

|                         | <b>Target Dist.</b> | <b>Distance from Target (measured from where marshmallow first hits ground)</b> |
|-------------------------|---------------------|---|
| <b><u>Launch #1</u></b> | _____ m             | _____ cm  |
| <b><u>Launch #2</u></b> | _____ m             | _____ cm  |

TOTAL for BOTH Launches = \_\_\_\_\_ (Lowest score wins.)

**Tier (Circle one):    1    2    P    DQ**  
*Ties are broken by the single closest shot.*

**Final Rank:** \_\_\_\_\_