

# STEM Design Score Sheet – 2018 (revised 7/21/17)

School Name: \_\_\_\_\_ Team (Circle One): Varsity JV1 JV2 JV3 JV4

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

- |  | YES   | NO    |
|--|-------|-------|
| 1. The box was impounded on time and the box is clearly labeled with the school/team name and designation.   | _____ | _____ |
| 2. All materials and tools fit in a box that is no greater than 30,000 cm <sup>3</sup> including the lid, which fits all the way on the box and closes completely. | _____ | _____ |

*NOTE: Any materials or tools that are not on the approved list will be removed before the competition and given back to the team at a later time. Any pre-assembled materials will be taken apart by the event leaders before the event. No penalty will be assessed for this.*

- |  |       |       |
|--|-------|-------|
| 3. The structure is free standing and not attached to a table, floor or any other support. | _____ | _____ |
| 4. The device consists only of approved materials and no tools.                            | _____ | _____ |
| 5. The entire device is a maximum of 1.0 m in height                                       | _____ | _____ |

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

**Tier 2?** \_\_\_\_\_

**If the team left the area or received outside help during loading, then check here for disqualification.**

**DQ?** \_\_\_\_\_

Height to the axle used for winding the string (record for all to the nearest tenth of a cm, used in ties only) \_\_\_\_\_cm

Time to wind string (to the nearest tenth of a second): \_\_\_\_\_ sec

Number of touches? \_\_\_\_\_ For each touch, add 2 sec to the time.

**Final Time:** \_\_\_\_\_

**Tier (Circle one):** 1 2 DQ

(Ties broken by the shortest height to the axle.)

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