

## 2011 Storm the Castle Score Sheet (rev 9/24/2010)

School Name: \_\_\_\_\_ Circle One V JV1 JV2 JV3

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

### Impound

- 3.a. Team's device and any supplies were impounded before start of the event \_\_\_\_\_
- 3.a. Device labeled clearly with school name \_\_\_\_\_
- 3.d. No AC powered electrical equipment used during set up \_\_\_\_\_

### Construction Criteria

- 2.a. Fits in 75 cm cube in ready-to-fire position \_\_\_\_\_
- 2.b. Accommodates unmodified projectiles and counterweights \_\_\_\_\_
- 2.f. Device not anchored to the ground \_\_\_\_\_
- 2.f. Device triggers from outside Launch Area (LA) and is safe \_\_\_\_\_
- 2.g. No part of device extends out of LA before or after launch \_\_\_\_\_
- 2.h. Passes vertical energy rule \_\_\_\_\_

### Competition Violations

- 3.b. # of times team is warned about eye protection \_\_\_\_\_ (DQ on 2<sup>nd</sup> offense)
- 3.c. # of times team received outside assistance \_\_\_\_\_
- 3.j. # of launches with no warning prior to launch \_\_\_\_\_
- 3.j. # of times team is in launch area when triggered \_\_\_\_\_
- 3.j. # of unintentional launch motions \_\_\_\_\_
- 3.l. # of times team warned not to approach target \_\_\_\_\_

**Competition Violations (CV) Total** = \_\_\_\_\_ X 3 pts. = \_\_\_\_\_  
(CV total)

### Launch Score

Launch #	Target Distance (TD) in .00 m	Accuracy (A) in .00 m	Hit? (Yes/No)	Bonus (B) = .1 x TD	Launch Score (LS) = TD - A + B
1					
2					
3					

**Graph Score (GS)** (Maximum total = 12 points) = \_\_\_\_\_

**TIER (CIRCLE ONE):**    **TIER 1**    **TIER 2**

FINAL SCORE =  $\left( \frac{\text{_____}}{1^{\text{ST}} \text{ BEST LS}} + \frac{\text{_____}}{2^{\text{ND}} \text{ BEST LS}} \right) + \frac{\text{GS}}{\text{GS}} - \frac{\text{CV}}{\text{CV}} = \text{_____}$

FINAL RANK = \_\_\_\_\_                      If tie breaker used, please explain on back.