

Ramp and Roll Score Sheet – 2019 (revised 7/31/18))

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

Student Names: _____

	YES	NO
1. The ramp has a protective covering on the bottom to avoid scratching the floor. <i>If no, students may not impound, send them back to their home base to try and fix the problem.</i>	_____	_____
2. The box and ramp were impounded on time and the box is clearly labeled with the school/team name and designation.	_____	_____
3. All materials for vehicle and tools fit in a box that is no greater than 33,000 cm ³ 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.

9.a.i. All energy to propel vehicle comes from gravitational energy.	_____	_____
9.a.ii. Only a mechanical braking system is allowed (no remote control or tether)	_____	_____
9.a.iii. Only non-electronic sighting devices used.	_____	_____
9.a.iv. Vehicle has a fixed point extending from the front edge.	_____	_____
9.b. Ramp/vehicle in ready to launch position fits within a 60cm x 60cm box.	_____	_____
9.d.iv. Team did not roll vehicle to calibrate on the track.	_____	_____
9.d.vi. Team released vehicle without pushing it during release.	_____	_____
9.d.vii. Team did not chase vehicle down the track.	_____	_____

Teams with a “no” checked above will be placed in Tier #2. If team has 1 good run with no violations, that can be counted as a Tier 1 run.

Tier 2? _____

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

DQ? _____

Straight-line distance 1 for fixed point to finish line mark (record to the nearest tenth of a cm)

_____ cm

Straight-line distance 2 for fixed point to finish line mark (record to the nearest tenth of a cm)

_____ cm

Final Distance: _____

Tier (Circle one): 1 2 DQ

Final Rank: _____
(Ties broken by the best combined distance.)