

# 3,2,1 Blast Off! 2019 Score Sheet (revised 7/18/18)

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

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

<b>ROCKET 1</b>	<b>ROCKET 2</b>
<b>Safety Criteria</b>	<b>Safety Criteria</b>
<p>_____ 9.a. Used 2-liter plastic carbonated beverage bottle.</p> <p>_____ 9.a.i. Teams presented labels if removed from pressure vessel or label was still on bottle.</p> <p>_____ 9.a.iii. Structural integrity of pressure vessel unaltered (no cutting, sanding, using any glues on <i>pressure vessel</i>).</p> <p>_____ 9.b. No metal parts anywhere on rocket.</p> <p>_____ 9.b. No commercial rockets or parts.</p> <p>_____ 9.c. Rocket has a blunt or rounded nose.</p> <p>_____ 9.e. Only water/air used at launch.</p> <p>_____ 9.f. Recovery system is safe.</p> <p>_____ 7. Wearing Z87+ impact rated safety glasses or impact rated goggles at all times (one warning ok).</p>	<p>_____ 9.a. Used 2-liter plastic carbonated beverage bottle.</p> <p>_____ 9.a.i. Teams presented labels if removed from pressure vessel or label was still on bottle.</p> <p>_____ 9.a.iii. Structural integrity of pressure vessel unaltered. (no cutting, sanding, using any glues on <i>pressure vessel</i>).</p> <p>_____ 9.b. No metal parts anywhere on rocket.</p> <p>_____ 9.b. No commercial rockets or parts.</p> <p>_____ 9.c. Rocket has a blunt or rounded nose.</p> <p>_____ 9.e. Only water/air used at launch.</p> <p>_____ 9.f. Recovery system is safe.</p> <p>_____ 7. Wearing Z87+ impact rated safety glasses or impact rated goggles at all times (one warning ok).</p>
If any safety criteria above are not met, do not launch.	If any safety criteria above are not met, do not launch.
<b>Construction Criteria</b>	<b>Construction Criteria</b>
<p>_____ 9.d. All parts of rocket are 5 cm or further from opening of bottle. If not, allow team to step out of line and attempt to fix.</p> <p>Rocket 1 Time Aloft (sec) <b>Record all times.</b> (<i>Time until pressure vessel lands</i>)</p> <p>(Use time from middle of 3 timers): _____</p>	<p>_____ 9.d. All parts of rocket are 5 cm or further from opening of bottle. If not, allow team to step out of line and attempt to fix.</p> <p>Rocket 2 Time Aloft (sec) <b>Record all times.</b> (<i>Time until pressure vessel lands</i>)</p> <p>(Use time from middle of 3 timers): _____</p>

Tier (Circle one): 1    2    Greatest Time Aloft for best rocket: \_\_\_\_\_ Final Rank: \_\_\_\_\_  
*Tiebreaker: Greatest combined time aloft.*