

3,2,1 Blast Off! 2021 Score Sheet *(revised 3/26/20)*

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

Student Names: _____

ROCKET 1	ROCKET 2
Safety Criteria	Safety Criteria
<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.
Construction Criteria	Construction Criteria
<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>_____ 10.h. Ping Pong Ball is launched with rocket. If no, then Tier 2.</p> <p>_____ 10.g. Ping Pong Ball separates from rocket. If no, then Tier 2.</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>_____ 10.h. Ping Pong Ball is launched with rocket. If no, then Tier 2.</p> <p>_____ 10.g. Ping Pong Ball separates from rocket. If no, then Tier 2.</p>
<p>Rocket 1 Time Aloft (sec) Record all times. <i>(Time until ping pong ball lands)</i></p> <p>(Use time from middle of 3 timers): _____</p>	<p>Rocket 2 Time Aloft (sec) Record all times <i>(Time until ping pong ball 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.