

3,2,1 Blast Off! 2022 Score Sheet *(revised 7/27/21)*

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 (if used).</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 (if used).</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
_____ 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.	_____ 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.
Rocket 1 Time Aloft (sec) Record all times. <i>(Time until any piece of the rocket lands)</i>	Rocket 2 Time Aloft (sec) Record all times <i>(Time until any piece of the rocket lands)</i>
(Use time from middle of 3 timers): _____	(Use time from middle of 3 timers): _____

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