Bottle Rockets 2022 Score Sheet *(revised 9/2/21)*

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

Student Names: _____

ROCKET 1	ROCKET 2

Safety Inspection

_____ Wearing Z87+ safety glasses	_____ Wearing Z87+ safety glasses
_____ Used 2-liter plastic carbonated beverage bottle	_____ Used 2-liter plastic carbonated beverage bottle
_____ Label on pressure vessel or presented	_____ Label on pressure vessel or presented
_____ Pressure vessel structural integrity unaltered	_____ Pressure vessel structural integrity unaltered
_____ No metal parts anywhere on rocket	_____ No metal parts anywhere on rocket
_____ Rocket has a blunt or rounded nose	_____ Rocket has a blunt or rounded nose
_____ Only water/air used at launch	_____ Only water/air used at launch
_____ Recovery system is safe (if used)	_____ Recovery system is safe (if used)
_____ Team approached rocket when pressurized	_____ Team approached rocket when pressurized

If any safety criteria above are not met, do not launch.   **If any safety criteria above are not met, do not launch.**

Other Violation Inspection

_____ No toy or professional rockets or parts used	_____ No toy or professional rockets or parts used
_____ All parts of rocket are 5 cm or further from opening of bottle. Allow team to fix, if possible	_____ All parts of rocket are 5 cm or further from opening of bottle. Allow team to fix, if possible

Time Aloft (Circle Middle Time Below)

Timer 1: _____	Timer 1: _____
Timer 2: _____	Timer 2: _____
Timer 3: _____	Timer 3: _____

Time aloft is recorded in hundredths of a second. Timing begins when the rocket separates from the launcher and stops when <u>any part of the rocket</u> touches the ground, goes out of sight, or is noticeably slowed by and obstruction (e.g., a tree or building).

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Tier   1   or   2   (Circle One)   Tier   1   or   2   (Circle One)