**3, 2, 1, Blast Off Resources:**

Prior to the tournament, teams construct two rockets designed to stay aloft for the greatest amount of time. Rockets are made from 2-liter soda bottles and pressurized with air and water. In 2019, parachutes are allowed, and rockets will be launched at 60 psi.

[3,2,1 Blast Off! 2018 Coaches Clinic Presentation (2019 Rules)](https://www.sciencenc.com/wp-content/uploads/DivABottleRockets2018-19.pdf)

[How to Build a Water Rocket](https://docs.google.com/presentation/d/1_xIVN3vvwfe9FIbQVu9nar3lA6txIMCrxtw_NT7K-Us/edit?usp=sharing)

[See the event help page for the Middle and High School version of this event](http://www.sciencenc.com/pdfs/resources/elementary/bottlerocket.php) (with more pictures)

[Nerds, Inc](http://www.nerdsinc.com/) (excellent rocket launchers like the ones used at NCSO tournaments)

[NASA Water Rockets](http://exploration.grc.nasa.gov/education/rocket/BottleRocket/about.htm) – general info, not specific to NCSO event rules

[Wiki How](http://www.wikihow.com/Build-a-Bottle-Rocket) – Step by step videos on how to build a bottle rocket – not specific to NCSO event rules

[Tim Hesterberg’s How to Make a Water Bottle Rocket Page](http://www.timhesterberg.net/water-bottle-rockets/how-to) – not specific to NCSO event rules