Bay Area Elementary Science Olympiad

2018 Events

**Aerodynamics**—Teams will build one paper airplane to be flown a distance of at least five meters, landing on a predetermined target.

**Estimania**-- Teams will be tested on their knowledge of estimation of large quantities.

**Gravity Vehicle**-- This event will test participants’ ability to build a small vehicle that travels a fixed distance on a ramp and a specific distance on the ground using only gravity as propulsion.

**Microbe Mission**-- Teams will be given a set of questions on microbes listed in the event rules.

**Mission Possible**-- Teams will design, build and test a Rube Goldberg-like device incorporating simple machines.

**Optics**—Teams will answer questions on light and its properties.

**Pentathlon**-- Five physical skills are interspersed with science questions in an obstacle course that will be run in a relay race style.

**Picture This**--Team members take turns drawing representations of a set of scientific terms or concepts (not scientist) while the other team member guesses the term being drawn.

**Road Scholar**—Teams will be given two-part questions which can be answered using various kinds of maps.

**Rubber Band Catapult**-- A team of two (2) students will design and construct a catapult device to shoot a rubber band at a target that is placed within a given range.

**Science Jeopardy!**-- The nature of the game is to choose a category and a level of difficulty for the game board and question the answer.