

Science Olympiad Events for 2023

Life, Personal & Social Science-5	Earth & Space Science-5	Physical Science & Chemistry-5	Technology & Engineering Design-4	Inquiry & Nature of Science-4
Division B Events for 2023				
Anatomy & Physiology (Respiratory, Digestive, Immune) Bio Process Lab Disease Detectives Forestry Green Generation (Terrestrial, Population Growth)	Dynamic Planet (Earth's Fresh Water) Meteorology (Everyday Weather) Road Scholar Rocks & Minerals Solar System	<u>Physics</u> Crave the Wave Sounds of Music Storm the Castle <u>Chemistry</u> Can't Judge a Powder Crime Busters	Bridge Flight Roller Coaster Wheeled Vehicle	Codebusters Experimental Design Fast Facts Write It, Do It <i>Approved 04/07/22</i>
Trial Events	Aerial Scramble, Agricultural Science, Botany, Digital Structures, Home Horticulture, Mission Possible, Solar Power, Write It CAD It			
Life, Personal & Social Science-5	Earth & Space Science-4	Physical Science & Chemistry-6	Technology & Engineering Design-4	Inquiry & Nature of Science-4
Division C Events for 2023				
Anatomy & Physiology (Respiratory, Digestive, Immune) Cell Biology Disease Detectives Forestry Green Generation (Terrestrial, Population Growth)	Astronomy Dynamic Planet (Earth's Fresh Water) Rocks & Minerals Remote Sensing	<u>Physics</u> It's About Time Trajectory WiFi Lab <u>Chemistry</u> Chem Lab (RedOx Reactions & Periodicity) Environmental Chemistry Forensics	Bridge Detector Building Flight Scrambler	Codebusters Experimental Design Fermi Questions Write It, Do It <i>Approved 04/07/22</i>
Trial Events	Aerial Scramble, Agricultural Science, Botany, Cybersecurity, Digital Structures, Home Horticulture, Mission Possible, Robot Tour, Solar Power, Write It CAD It			

Bolded text indicates either a new event or topic changes from the previous year

Bolded, Italicized text indicates a brand-new Science Olympiad event developed through our Trial Event process

Division B Event Classifications: 12 – Core Knowledge, 5 – Building, 5 – Laboratory/Hands-On, 1 – Hybrid

Division C Event Classifications: 11 – Core Knowledge, 4 – Building, 4 – Laboratory/Hands-On, 4 – Hybrid

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Science Olympiad Event Types

- **Core Knowledge Event:** An event where participants are given a set of topics that they are expected to research and master the factual content. Mastery is then demonstrated at a tournament by taking a paper-pencil or computer test.
- **Building Event:** An event where participants are given some specifications about a device or object they are expected to design, create, and test in advance of the tournament. The devices or objects are often modified on site to account for an unknown parameter prior to testing or evaluation.
- **Laboratory/Hands-On Event:** An event where participants are given a general topic in which they will be expected to deepen their content knowledge of the topic and associated research techniques prior to the tournament. At the tournament they will be assessed by the completion of a hands-on task, which may or may not require a written report, within a defined timeframe.
- **Hybrid Event:** An event which contains elements from two, or more, of the above event types in combination. The most common combination mixes elements of a Core Knowledge event with elements of a Building event.

