



Exploring the World of Science

## 2021 Science Olympiad National Tournament Event Slate



# Science Olympiad

2021 National Tournament at  
Arizona State University

Life, Personal & Social Science	Earth & Space Science	Physical Science & Chemistry	Technology & Engineering Design	Inquiry & Nature of Science
<b>2021 Division B 2021 Events (Updated January 12, 2021)</b>				
Anatomy & Physiology (Skeletal, Muscular, Integumentary) Disease Detectives Heredity Ornithology Water Quality (T) (Marine & Estuary)	Dynamic Planet (Oceanography) Fossils Meteorology (Severe Storms) Road Scholar Reach for the Stars	<u>Physics</u> Circuit Lab (T) Density Lab (T) Machines (T)  <u>Chemistry</u> Food Science (T) Crime Busters (T)	<u>Optional Trial Events</u> <b>Boomilever (L)</b> <b>Digital Structures</b> <b>Elastic Launched Glider (V)</b> <b>Mission Possible (L)</b> <b>Mousetrap Vehicle (V)</b>	Experimental Design Game On Write It, Do It  <u>Optional Trial Events</u> <b>Write It, CAD It</b> <b>Chiropterology</b>
Life, Personal & Social Science	Earth & Space Science	Physical Science & Chemistry	Technology & Engineering Design	Inquiry & Nature of Science
<b>2021 Division C 2021 Events (Updated January 12, 2021)</b>				
Anatomy & Physiology (Skeletal, Muscular, Integumentary) Disease Detectives Designer Genes Ornithology Water Quality (T) (Marine & Estuary)	Astronomy Dynamic Planet (Oceanography) Fossils Geologic Mapping	<u>Physics</u> Circuit Lab (T) Machines (T) Sounds of Music (T)  <u>Chemistry</u> Chem Lab (T) (Acid/Base Chem. & Aqueous Solutions) Forensics (T) Protein Modeling (T)	<u>Optional Trial Events</u> <b>Boomilever (L)</b> <b>Detector Building (L)</b> <b>Digital Structures</b> <b>Gravity Vehicle (V)</b> <b>Wright Stuff (V)</b>	Codebusters Experimental Design Write It, Do It  <u>Optional Trial Events</u> <b>Write It, CAD It</b> <b>Chiropterology</b>

**Bolded Events:** During the 2020-2021 global pandemic season, many states were not able to include Technology & Engineering events at their tournaments, creating wide disparity. To create as level of a playing field as possible for participants from all 50 states, Science Olympiad will offer the events listed in **Bold Text** as Optional Trial Events at the 2021 Science Olympiad National Tournament. Teams may choose to have members enter any, or all, of these events. Participants will earn individual medals for finishing in the Top 6 of each of these events and prizes will apply where available, however; the results of these events will not be included in the final team scores.

**(T):** Events followed by a (T) indicate events that have a hands-on component but will be conducted as **Test-Only** events at the 2021 National Tournament.

**(V):** Events followed by a (V) indicate events that have a hands-on component that will be conducted via a **Video** submission to the Event Supervisors for the 2021 National Tournament.

**(L):** Events followed by a (L) indicate events that have a hands-on component that will be conducted **Live** with Event Supervisors at the 2021 National Tournament. Teams will have the opportunity to self-schedule for these events prior to the National Tournament.