

The 2009 Division C events are listed below. For more information, click on an event title.

Life, Personal & Social Science

[Cell Biology](#)

[Disease Detectives \(Population Growth\)](#)

[Ecology \(Grasslands, Deserts\)](#)

[Health Science \(Skeletal, Circulatory\)](#)

[Herpetology](#)

Earth & Space Science

[Astronomy](#)

[Dynamic Planet \(Earthquakes/Volcanoes\)](#)

[Fossils](#)

[Remote Sensing \(Human Impact on Earth\)](#)

Physical Science & Chemistry

[It's About Time](#)

[Physics Lab](#)

[Trajectory](#)

[Chem Lab](#)

[Environ. Chemistry](#)

[Forensics](#)

Technology & Engineering

[Egg-O-Naut](#)

[Electric Vehicle](#)

[Elevated Bridge](#)

[Junkyard Challenge](#)

Inquiry & Nature of Science

[Experimental Design](#)

[Picture This](#)

[Technical Problem Solving](#)

[Write It Do It](#)

Event Descriptions

Amphibians and Reptiles/Herpetology (B/C) - This event will test knowledge of amphibians, turtles, crocodiles and reptiles.

Astronomy (C) - Teams identify deep sky objects and solve astronomy problems.

Cell Biology (C) - Students will demonstrate their understanding of cell biology and biochemistry.

Chemistry Lab (C) - Teams will demonstrate chemistry laboratory skills related to selected topics.

Disease Detective (B/C) - This event requires students to apply principles of epidemiology to a published report of a real-life health situation or problem.

Dynamic Planet (B/C) - Teams will work at stations that display a variety of earth science materials and related earth science questions. (earthquakes/volcanoes)

Ecology (B/C) - Students will answer questions involving content knowledge and process skills in the area of ecology and adaptation by examining different ecosystems.

Egg-O-Naut (C) - Teams will design, construct and launch rockets to stay aloft and carry a raw egg without breaking.

Electric Vehicle (C) - Students will construct a vehicle that uses electrical energy as its sole mean of propulsion.

Elevated Bridge (B/C) - Teams will design, build & test the lightest bridge to carry a maximum load.

Environmental Chemistry (B/C) - Teams will be asked questions pertaining to environmental chemistry, which may include chemical reactions, characterization, and quantification

Experimental Design (B/C) - Given a set of unknown objects, teams will design, conduct, analyze and write-up an experiment.

Forensics (C) - Students will identify polymers, solids, fibers, and other materials in a crime scenario.

Fossils (B/C) - Students will identify, describe, and classify various specimens.

Health Science-(C) - Teams will be tested on their knowledge of health concepts.

It's About Time (C) - Using a pre-constructed non-electronic device, students will measure time in intervals.

Junkyard Challenge (C) - Students will partially pre-construct an device with final construction and adaptation onsite to complete a published challenge.

Physics Lab (B/C) - Teams will demonstrate physics laboratory skills related to selected topics.

Picture This (C) - Draw representations of a set of scientific terms or concepts and guess the term being drawn.

Remote Sensing (C) - Teams use maps and remote sensing technology to explain human impact on the Earth.

Technical Problem Solving (C) - Teams will gather and process data to solve problems.

Trajectory (B/C) - Teams will design, construct, calibrate and operate a device capable of launching a projectile into a target using energy provided by nonmetallic elastic solids.

Write It/Do It (B/C) - A technical writing exercise where students write a description of a contraption and other students will attempt to recreate it using only the written description.