



Tournament Events

PERIOD ONE

Rank the top three preferences

BACKYARD BIOLOGIST - [Th]

Teams will learn about living organisms that they may encounter in their own backyard.

BODY BUILDERS - [T]

Teams will learn about the major systems of the human body.

DESCRIBE IT, BUILD IT - [Th]

One member will write a description of how to build a device for the other member to re-construct.

DUCT TAPE CHALLENGE - [M]

Teams will be given a set of materials, including Duck Tape, and a task to build on site within a given time frame.

WEATHER PERMITTING - [W]

Teams conduct investigations to build an understanding of Global Weather Patterns.

321 BLAST OFF! - [T]

Teams construct rockets made from 2 liter soda bottles.

METRIC MANIA - [Th]

Teams understand metric measurement by estimating, measuring and making calculations based on these measurements.

PERIOD TWO

Rank the top three preferences

PASTA TOWER - [T]

Teams will design and build the lightest & strongest tower possible made from only pasta and glue.

PLANET PROTECTORS - [W]

Teams will learn about human interaction with the earth, environment, resource use.

RAMP AND ROLL - [T]

Teams will be given a challenge to complete in advance using only K'nex pieces; then build on site.

SCIENCE HEADBANDS - [F]

Team members will take turns asking questions to guess clues for scientific terms or concepts.

SKY QUEST - [Sat]

Teams will learn about the solar system including the sun, moon, planets, rotation and revolution, moon phases, seasons & identify constellations/stars.

SUPER SLEUTHS - [WE]

Teams become scientific detectives to solve a crime and name the perpetrator.

PERIOD THREE

Rank the top three preferences

CODEBUSTERS - [M]

Teams will decode encrypted messages using cryptanalysis techniques and ciphers.

DATA CRUNCHERS - [Th]

Teams will understand data collected from scientific experiments, interpret graphs & measure in basic units

ECOLOGY EXPERTS - [T]

Teams will learn about Marine, Freshwater, Estuary and Arctic ecosystems and biomes.

ENERGY MATTERS - [W]

Teams will learn about physical properties of matter and behavior of solids, liquids and gases.

FOSSIL FRENZY - [F]

Teams will learn about geologic time, fossils, dinosaurs and the fossilization process.

PROGAMERS - [W]

Teams will use Scratch programming language to recreate a game.

Important Dates

December 15 - Registration deadline

March 7 - Practice Tournament

March 28 - Regional NCSO Tournament

Meetings Scheduled

Code in brackets next to the Event

[**M/T/W/Th/F** after school, **Sat** - Time TBD, **WE** - TBD]

* Note: please check website for schedule updates

Sign up at: middlecreekpta.weebly.com/science-olympiad

If you are unable to register online, please contact one of the head coaches who will assist you:

Colleen Saunders colleensaunders@gmail.com

Debra Hall debraghall@yahoo.com