

eso | ESO at JHS 2010 **Rule Clarifications**

Last Updated November 1, 2009
Complete Rules Unless noted, complete event rules can be found in the ESO Coaches Manual (5th edition). For events with rules available online, visit the ESO Event Archive at www.esoatjhs.org/archive.html to view complete rules.

All Events

Spectators No coaches or spectators are allowed within event rooms. Spectators are permitted for events held in the Main Gym.
General Rules No outside materials (notes, calculators, etc) are permitted in any event unless specifically stated in the event rules or listed below. Participants may not bring cell phones into any event room.

Event A is for Anatomy

Number of Participants Up to 2
Required Materials Pencils
Optional Materials None
Rule Clarifications Teams will have a maximum of 45 minutes to complete the test. Time is not a scoring factor. Ties will be broken with predetermined tie-breaker questions.

Event Boggle Science

Number of Participants Up to 2
Required Materials Pencils
Optional Materials None
Rule Clarifications Rules online differ from ESO Manual. ESO at JHS follows online rules.

Event Bridging the Gap

Number of Participants Up to 2
Required Materials None
Optional Materials None
Rule Clarifications Rules online. No clarifications or revisions.

Event Calculator Contest

Number of Participants 1
Required Materials Pencils, Non-programmable Calculator
Optional Materials None
Rule Clarifications Only 1 student per team (not 2 as described in manual). Teams will have a maximum of 45 minutes to complete the test. Time is not a scoring factor. Ties will be broken with predetermined tie-breaker questions.

Event Chopper Challenge

Number of Participants Up to 2
Required Materials None
Optional Materials Pencils, Ruler, Scissors
Rule Clarifications Teams will construct two of the three choppers as described in the event instructions. The two types of chopper to be constructed will be revealed at the start of the event. Teams will receive 20 minutes to construct their choppers.

Event Cranium Command

Number of Participants Up to 2
Required Materials Pencils
Optional Materials None
Rule Clarifications Rules online. No clarifications or revisions.

Event Crash Landing

Number of Participants 2
Required Materials None
Optional Materials None
Rule Clarifications Rules online. Devices will be dropped from the second floor balcony overlooking the gymnasium floor. The drop is approximately 15 feet.

Event Cutting Edge

Number of Participants Up to 2
Required Materials Pencils
Optional Materials None
Rule Clarifications Rules online. No clarifications or revisions.

Event Estimania

Number of Participants Up to 2
Required Materials Pencils
Optional Materials Calculator, Ruler, Other Measuring Tools
Rule Clarifications Ties will be broken with pre-determined tie-breaker questions. Time will not be a scoring factor.

Event Food for Thought

Number of Participants Up to 2
Required Materials Pencils
Optional Materials Non-programmable Calculator
Rule Clarifications Rules online. ESO at JHS will use rules online, not those in similarly named event in the ESO Coaches Manual. No clarifications or revisions.

Event Geometrics

Number of Participants Up to 2
Required Materials Pencils
Optional Materials Non-programmable Calculator
Rule Clarifications Rules online. No clarifications or revisions.

Event Going Green

Number of Participants Up to 2
Required Materials Pencils
Optional Materials Non-programmable Calculator
Rule Clarifications Rules online. No clarifications or revisions.

Event Grab a Gram

Number of Participants Up to 2
Required Materials None
Optional Materials None
Rule Clarifications Students will mass samples at up to six stations.

Event How Do You Spell Science?

Number of Participants Up to 2; Same participants must compete in finals, if they advance
Required Materials Pencils
Optional Materials None
Rule Clarifications All teams will be given the same 20 words to spell and define in the form of a spelling test during the morning competition. The top 6 scorers from the test will advance to the finals. The finals will consist of a spelling bee competition. Teams will be required to define the word they are asked to spell beginning with the fourth round.

Event In Bloom

Number of Participants Up to 2
Required Materials Pencils
Optional Materials None
Rule Clarifications Rules online. No clarifications or revisions.

Event Knock, Knock, Who's There?

Number of Participants Up to 2
Required Materials Pencils
Optional Materials None
Rule Clarifications Teams may contain up to two students. Teams will have a maximum of 45 minutes to complete the test. Time is not a scoring factor.

Event Mystery Architecture

Number of Participants Up to 2
Required Materials None
Optional Materials Scissors, Ruler, Tennis Ball
Rule Clarifications No clarifications or revisions.

Event Pastamobile

- Number of Participants* Up to 2
- Required Materials* Prebuilt Pastamobile Vehicle, Samples of Pasta Used
- Optional Materials* None
- Rule Clarifications* Teams may have a maximum of 2 students. The ramp's length may extend up to 1.5 meters. Pastamobiles will be run on a gymnasium floor. The ESO at JHS will use the following scoring method. Pastamobiles which lose their structural integrity (fall apart) will be penalized. Those pastamobiles which remain completely intact during their run will receive 100% of their distance score. Pastamobiles which suffer minor structural damage (small pieces broken) will be penalized 5%, thus receiving 95% of their distance score. Pastamobiles which, in the judge's opinion, lose over 1/4 of their structure during their run will be penalized 15%, thus receiving 85% of their distance score. Finally, those pastamobiles which lose over 1/2 of their structure during their run will be penalized 25%, thus receiving 75% of their distance score.

Event Picture This

- Number of Participants* 3
- Required Materials* None
- Optional Materials* None
- Rule Clarifications* All three team members must alternate as sketchers. 24 total words will be used. The time of the round will be 4 minutes. Words not played (including the final word in progress when time is called) will not be scored.

Event Propeller Propulsion

- Number of Participants* Up to 2
- Required Materials* Prebuilt Airplane, Extra Rubber Band
- Optional Materials* None
- Rule Clarifications* All teams must impound their planes at the start of the event. Teams will draw numbers to determine launch order. A prefabricated kit may be utilized to build the plane. The maximum wing span for the plane is **18 inches**. Only wood, paper, and adhesive are permitted in the design of the body and wings. The plane may be painted, however decals are not permitted. The propeller and rubber band may be attached to the body with metallic pieces. Only one propeller is permitted, it may be made of plastic. The maximum size of the rubber band shall be 1/8" in width and 7" in length (14" circumference). Rubber bands must be commercially purchased; teams shall provide an extra rubber band to judges prior to launch.

Event Science Detectives

- Number of Participants* Up to 2
- Required Materials* Pencils
- Optional Materials* None
- Rule Clarifications* Rules in coaches manual and online. Teams will have 20 minutes to complete each part (parts may be completed in reverse order by some teams). Following the two 20-minute sessions, teams will be given an additional 5 minutes to review their answers before all answer sheets must be turned in.

Event Starry, Starry Night

Number of Participants Up to 2
Required Materials Pencils
Optional Materials None
Rule Clarifications Teams will have a maximum of 45 minutes to complete the test. Time is not a scoring factor. Ties will be broken with predetermined tie-breaker questions. Teams will not be required to bring pen lights.

Event Treasure Hunt

Number of Participants Up to 2
Required Materials Compass
Optional Materials None
Rule Clarifications Teams may be asked to mark up to three treasure locations in which case scores will be the sum of the distances from each treasure location.

Event Triple Play

Number of Participants Up to 3
Required Materials Pencils
Optional Materials None
Rule Clarifications Rules online. No clarifications or revisions.

Event Weather or Not

Number of Participants Up to 2
Required Materials Pencils
Optional Materials Non-programmable Calculator
Rule Clarifications Rules in coaches manual and online. No clarifications or revisions.

Event What Are You Trying to Tell Me?

Number of Participants Up to 2
Required Materials Pencils
Optional Materials None
Rule Clarifications Rules online. No clarifications or revisions.

Event Which Way's North?

Number of Participants Up to 2
Required Materials Pencils
Optional Materials Non-programmable Calculator, Notes Sheet
Rule Clarifications Rules in coaches manual and online. Notes must be handwritten by a student participant.

Event Write It, Do It

Number of Participants 2 to 4
Required Materials Pencils (Writers Only)
Optional Materials None
Rule Clarifications Teams may have up to four members. Teams may field between 1 and 3 writers and doers (any combination to total a maximum of 4 students).