

*Last Updated* December 23, 2018  
*Complete Rules* Unless noted, complete event rules can be found in the ESO Coaches Manual (6th edition). For events with rules available online, visit the ESO at JHS Event Archive at [www.esoatjhs.org/archive.html](http://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. For testing events, cell phones will be collected from participants as they enter the testing room.

### Event Aerodynamics

*Time* 11:00 - 12:00 (n), 12:00 - 1:00 (h), 10:00-11:00 €  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Teams will be supplied with two sheets of foldable material (not necessarily plain paper). The material may be of irregular shapes, although all teams will receive identical sheets. Teams will have 15 minutes to construct two planes. Each plane will be launched once. One team member will launch the first plane. Then, the second team member must launch the other plane.

### Event Bridging the Gap

*Time* 2:00 - 3:00 (n), 1:00 - 2:00 (h), 12:00 - 1:00 (e)  
*Number of Participants* Up to 2  
*Required Materials* None  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

### Event Calculator Contest

*Time* 2:00 - 3:00 (all)  
*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 Crash Landing

*Time* 1:00 - 2:00 (n), 2:00 - 3:00 (h), 2:00 - 3:00 (e)  
*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 Don't Bug Me

*Time* 11:00 - 12:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Participants may NOT bring a key or notes to the event. Teams may rotate among stations or receive all questions in a test booklet. 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 Food for Thought

*Time* 1:00 - 2:00 (all)  
*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. See online rules for study resources. No clarifications or revisions.

**Event Geometrics**

*Time* 10:00 - 11:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils, 12-inch Ruler, Protractor  
*Optional Materials* Non-programmable Calculator  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event Grab a Gram**

*Time* 10:00 - 11:00 (n), 11:00 - 12:00 (h), 12:00 - 1:00 (e)  
*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?**

*Time* 10:00 - 11:00 (all) / Finals 2:00 - 3:00 (all)  
*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 (all 20) and define (10 of 20) in the form of a spelling test during the morning competition. The top 8 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**

*Time* 12:00 - 1:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event Infographics**

*Time* 12:00 - 1:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event It's Elemental**

*Time* 2:00 - 3:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event Pasta Transporter**

*Impounding Time* 10:00 - 10:30 (all) - Any school representative may bring vehicle to impounding.  
*Launch Time* 2:00 - 3:15 (all)  
*Number of Participants* Up to 2  
*Required Materials* Prebuilt Pasta Transporter Vehicle, Samples of Pasta Used  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event Quick Sketch**

*Time* 11:00 - 12:00 (n), 12:00 - 1:00 (h), 1:00 - 2:00 (e)  
*Number of Participants* 2  
*Required Materials* 48 colored pencils, markers, or crayons (24 per team member) in clear plastic bags.  
 Eraser, if desired.  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event Science of Music**

*Time* 11:00 - 12:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event Space Invaders**

*Time* 12:00 - 1:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Rules online. No current event questions beyond 2018. See online rules for study resources.

**Event Super Sleuths**

*Time* 1:00 - 2:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* Non-programmable Calculator  
*Rule Clarifications* Rules online. No clarifications or revisions. See online rules for study resources.

**Event Third Rock from the Sun**

*Time* 1:00 - 2:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions. See online rules for study resources.

**Event Triple Play**

*Time* 11:00 - 12:00 (all)  
*Number of Participants* Up to 3  
*Required Materials* Pencils  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event Unbreakable**

*Impounding Time* 10:00 - 10:30 - Any school representative may bring vehicle to impounding.  
*Drop Time* 12:00 - 1:00 (n), 10:15 - 11:00 (h), 11:00 - 12:00 (e)  
*Number of Participants* Up to 2  
*Required Materials* Prebuilt Contraption  
*Optional Materials* None  
*Rule Clarifications* Rules online. No clarifications or revisions.

**Event Weather or Not**

*Time* 11:00 - 12:00 (all)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* Non-programmable Calculator  
*Rule Clarifications* Rules online differ from ESO Manual. ESO at JHS follows online rules. See online rules for study resources.

**Event Where in the World?**

*Time* 2:00 - 3:00 (all)  
*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?**

*Time* 10:00 - 11:00 (n), 11:00 - 12:00 (h), 10:00 - 11:00 (e)  
*Number of Participants* Up to 2  
*Required Materials* Pencils  
*Optional Materials* Non-programmable calculator (Notes are no longer permitted.)  
*Rule Clarifications* Rules online differ from ESO Manual. ESO at JHS follows online rules.

**Event Write It, Do It**

*Time* 10:00 - 11:00 (all)  
*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).