



# FAST FACTS

See General Rules, Eye Protection & other Policies on [www.soinc.org](http://www.soinc.org) as they apply to every event.

1. **DESCRIPTION:** Teams will fill in a grid of terms that begin with a given letter to match given science categories.

**A TEAM OF UP TO:** 2

**APPROXIMATE TIME:** 50 min.

2. **EVENT PARAMETERS:** The event supervisor will provide the scoresheets. Students are not allowed to bring any information resources.

3. **THE COMPETITION:**

- a. Each competition will consist of 3 rounds. Each round will begin with the supervisor giving each team the same scoresheet that contains a grid which has 5 different science categories listed along the horizontal axis and 5 different letters listed along the vertical axis. The supervisor will determine the categories and letters to be used in each round. Categories and letters must not be repeated within a grid or among the three grids used in competition.
- b. Teams will have 6 minutes to complete each round. Teams will write a term, corresponding to the given category and beginning with the given letter, in each of the 25 boxes of the grid. At the end of 6 min. the event supervisor will stop the round. For each round all students should start and stop writing at the same time as directed by the event supervisor. Students beginning before or after the supervisor starts/stops the round will have their scoresheet not scored for that round.
- c. Students are to write their names and school on the scoresheet for each round. A scoresheet without student names and school will not be scored resulting in that scoresheet not being added to the final score.
- d. At the end of each round the supervisor will pick up all scoresheets. Then a new set of scoresheets will be distributed to students. This will be repeated for each of the 3 rounds.
- e. Names of the categories must not be used in the answer.
- f. If a correct response has more than one word, the 1st letter of the first word will be used (e.g., “D” is the 1st letter of the Doppler Effect); Exceptions: The 1st letter of a word following the articles “the” or “a/an” will be considered the 1st letter of the term (e.g., “G” is the 1st letter for the term “The Grand Canyon”).
- g. Students may not write two or more different forms of a response within a category to get credit for two or more different answers (e.g., Category - “Human Organs”, Letters - “I”, “L” and “S”, and the student writes “small intestine”, “large intestine” and “intestine”. The student would only get credit for “small intestine” and “large intestine” because these terms are the most precise of the three responses).
- h. If the category asks for the name of a person, both the given (first) and surname (last) of a person must be written. The first letter of the surname must match the required letter (e.g., “D” - Charles Darwin, “C” - Marie Curie).
- i. Incorrect spellings of the word must be allowed if the supervisor is able to determine the intended term. However, the first letter of the response must be correct (e.g., “Krust” would not be allowed for the letter “C” and “Krust” would not count for the letter “K” as the correct spelling is “crust”). All words must be found in an English based science dictionary such as [www.thesciencedictionary.com](http://www.thesciencedictionary.com). Abbreviations are not allowed.

4. **SCORING:**

a. The number of points earned depends upon the number of correct terms listed in a row and in a column. Points will be awarded as follows:

|                                |         |                                   |         |
|--------------------------------|---------|-----------------------------------|---------|
| One correct term in a row =    | 1 pt.   | One correct term in a column =    | 1 pt.   |
| Two correct terms in a row =   | 4 pts.  | Two corrects term in a column =   | 4 pts.  |
| Three correct terms in a row = | 9 pts.  | Three corrects term in a column = | 9 pts.  |
| Four correct terms in a row =  | 16 pts. | Four corrects term in a column =  | 16 pts. |
| Five correct terms in a row =  | 25 pts. | Five corrects term in a column =  | 25 pts. |

b. The round score will be determined by adding the scores from each of the rows and columns. Final score will be determined by adding all of the round scores. Highest total score wins.

c. Tiebreakers will be determined by the following sequence: 1. Highest individual round score; 2. Second highest individual round score; 3. Third highest individual round score; 4. Total columns/rows with 5 correct; 5. Most columns/rows with 4 correct; 6. Most columns/rows with 3 correct; 7. Most columns/rows with 2 correct.

**Recommended Resources:** All reference and training resources including the **Problem Solving and Technology CD** are available on the Official Science Olympiad Store or Website at [www.soinc.org](http://www.soinc.org)