

John Richardsim's 2017 SSSS Fast Facts Test – Notes about the test

Here are a few things I want to mention regarding this test.

- This test was prepared using trial rules for Fast Facts (the Facts in Five 2016-17 Inquiry Committee Version). A pdf version of these rules may be found here:
https://www.floridascienceolympiad.org/Documents/PDF/Trial_2016_FastFacts.pdf
 - These rules may differ from the official rules. Official rulebooks are released in early September. Please check the current version of the official rules for exact rules (the season year should be at the bottom of the page).
- I have provided a key to go along with this test. It contains potential correct responses. However, due to the open-ended nature of this event, many more correct responses not listed in the key may exist. Please accept any correct response, whether listed in the key or not.
 - Because of this, I strongly recommend having a computer with internet access to assist in grading when supervising this event in a tournament setting
- If you have questions regarding this test, feel free to PM me on scioly.org:
<http://www.scioly.org/phpBB3/ucp.php?i=pm&mode=compose&u=22580>
 - (note: you will need an account on Scioly to PM me. Make one if you don't have one).
- Round 1:
 - Not much to say here
- Round 2:
 - Yes, "T" is an acceptable response for a programming language, because there is one known simply as "T"
 - Same thing goes for "C"
 - If competitors put both "tropical cyclone" and "cyclone" in the meteorological phenomena category, they may only receive points for "tropical cyclone"
 - Same thing carries for "mid-latitude cyclone" and "cyclone"
 - If competitors put "mesocyclone" and "cyclone", only "mesocyclone" should receive points, as it is a type of cyclone. However, if they put "mesocyclone" and "mid-latitude cyclone"/"tropical cyclone", they should receive points for both, as they are related, but independent concepts.
- Round 3:
 - For the fields of science category, since the type of science is not defined, I suppose one could technically put down formal and social sciences such as logic and linguistics. However, I think sticking to natural sciences would be a safer move.
 - Under the organs category, if a competitor put both "intestine(s)" and "large intestine", they may only receive points for "large intestine"
 - Note that a response such as "forest ecology" or "fire ecology" would not be allowed anywhere in this round since ecology is the name of a category
 - For the letter H in the astronomy category, the response "Hertzsprung-Russell diagram" may be written as "H-R diagram" as this is a common abbreviation
- Round 4:
 - Note that for the units of measurement category, no prefixes may be used (e.g., "exameter" would not earn points for E, as it uses the prefix "exa-")
 - Also in the units of measurements category, units which must be prefixed with "degree" (e.g., "degree Öchsle") will not receive points since D is not one of the letters for this round and excluding "degree" would not be proper
 - For the letter S in the taxonomic ranks category, the prefixes sub- and super- may be used. However, the word they prefix may not be used elsewhere in the category (e.g., if competitors put both "subgenus" and "genus", they will receive points only for "subgenus")
 - For the letter G under the glaciers category, no responses with the term "glacier" in it will be accepted (nor "glacial", as it is essentially the same word)

- Sample Round Scoring:
 - Because the response “diorite” is incorrect (it’s a rock, not a mineral), it does not receive points
 - Even though Alzheimer’s is misspelled, the first letter is correct, so it may still receive points

TEAM # _____ SCHOOL _____ STUDENT NAME(S) _____

| CATEGORY | | Diseases | Stars | Elements | Scientific Laws | Minerals | Letter Score |
|-----------------------------|---|--------------------|-------------------|---|---------------------|---------------------------|--------------|
| L E T T E R | A | <i>Alzheimer's</i> | | <i>argon</i> | | | 4 |
| | B | | <i>betelgeuse</i> | <i>boron</i> | | <i>biotite</i> | 9 |
| | D | | | <i>dysprosium</i> | <i>dalton's law</i> | <i>diorite</i> | 4 |
| | P | | | <i>praseodymium</i> | | <i>pyrite</i> | 4 |
| | R | <i>rabies</i> | <i>rigel</i> | <i>ruthenium</i> | | | 9 |
| Category Score | | 4 | 4 | 25 <small>(Full Combo!!!)</small> | 1 | 4 | |
| TOTAL LETTER SCORE | | | | | | | 30 |
| TOTAL CATEGORY SCORE | | | | | | | 38 |
| TOTAL SCORE | | | | | | | 68 |