

ANATOMY (B) Event Supervisor Guide (2008)

Event Description: This event encompasses the anatomy of the nervous and **circulatory system** and the **effects of drugs and diseases on their health**. *Be sure you have a copy of the rules for the 2008.* The year 2008 should appear at the bottom by the page number. The rules contain suggested emphasis for Regional and State as well as the National tournament. If you choose to vary from the suggested areas of emphasis, please be sure to notify the Tournament Director so the teams can be notified prior to the competition.

Room Type: Biology Lab with tables or counters for stations

Supervisors: one

Helpers: 1-2 for proctoring and timing

Items needed: test questions, items for each station, answer sheets, answer key, stop watches, extra pencils, tape

Event Format: The competition will consist of timed stations that will include questions relating to the following areas: the nervous system and the **circulatory** and diseases of the nervous and **digestive systems and how diseases and the drugs alcohol, caffeine, nicotine, and marijuana affect their health**. Process skills may include making observations, inferences, predictions, calculations, data collection and analysis, and conclusions.

Event Parameters: Teams may bring non-programmable calculators. No resources are allowed.

“Teams may not interpret the rules so that they have an advantage over the rules or another team. Unless otherwise stated, it is generally understood that, if notes, resources, calculators, actions, etc., are not excluded, then they are permitted unless they violate the spirit of the problem. Except, no direct or electronic communication is permitted with external resources (including people, places, etc.) during the tournament. This effectively excludes the use of any computer, PDA, calculators, wireless devices, phones, etc. that have access to external communication or data retrieval during an event unless specifically permitted.” SO Rule Book

Scoring: High score wins. Ties are broken based on quality of free-response answers.

Special considerations and suggestions:

- The philosophy of Science Olympiad is that the competition be inquiry-based to emphasize process skills and mental challenges in the use of the content as well as content itself.
- Care should be taken to design the each station to require about the same amount of time.
- If you have a large number of teams per session, consider using 2 complete station setups.
- Laminate or place questions in protective sleeves and tape them to the table.
- Balance the station content so that it reflects the content described in the rules.
- Develop questions which are easy to grade.
- Develop appropriate questions so that **all** ties can be broken.
- Create an answer sheet that contains team name, team number, and student names.
- Be sure that all teams experience the same testing conditions.