

SCIENCE BOWL

2010

Description: All Science Bowl questions will be taken from school science books covering 5th-8th grade levels and will encompass the general science topics of Astronomy, Chemistry, Earth Science, and The World of Science (see the attached list of study themes).

A team will be comprised of three members—one of whom has been selected “captain”. The competition will consist of two parts: a written portion taken individually by each team member; an oral relay in which each team collaborates to answer oral questions before an audience.

Number of Participants: 3 students

Approximate Time: Written test 50 minutes
Oral relay 45 minutes

The Competition:

Written Test: (50 questions)

- 1) Will be scheduled during the five regular testing periods throughout the day.
- 2) Each of the three-member teams will take the test during the same predetermined time period.
- 3) Each team member will work independently on the written portion of the event.
- 4) All three scores will be averaged to get a team written score.
- 5) Questions on the written test will be multiple-choice.

Oral Relay: (30 questions)

- 1) At the end of the testing day and before awards ceremony, teams will be asked to collaboratively answer 30 oral science questions.
- 2) Participating teams will be invited down to the floor of the gym **team by team** where they will sit as a group (captain in the middle) in a designated area. A test proctor will face them and will provide the team with a scantron card, clipboard, and a pencil.
- 3) All teams will then be asked a question by the event moderator. Test proctors will also hold up a copy of the question for their assigned team.
- 4) The event moderator will read the question and the four possible answers aloud and each team will then have 10 seconds to collaborate. The captain must mark the chosen letter on the **team's** scantron before the end of the time period.

- 5) At the end of the time, the test proctor for each team will circle the team's selected answer with a blue pencil. The event moderator will then give the correct answer aloud. If correct, the proctor will flip a team number chart indicating a correct answer to the audience.

Scoring: The team's average score on the written portion of the test will be added to the team's number of correct relay responses. Each question, relay and written, is worth one point each. The highest scoring team is declared the winner.

Tiebreaker: Tie breaking questions will be included in the written test. These questions are labeled as tiebreakers and are only counted in the event of a tie.

Note: There will be a meeting for all Science Bowl Proctors in the McNair High gymnasium at 1:30 on the day of the event.

Note: Each school entering the Science Bowl event should provide one proctor per team to assist with the oral relay. See the attached form.