

## 2019 SCI TECH BOWL (B/C)

1. **DESCRPTION:** This event will test a team's ability to answer questions related to all areas of STEM.
2. **A TEAM OF UP TO:** 3 **APPROXIMATE TIME:** 50 MIN PER PART
3. **EVENT PARAMETERS:** Each student must bring pencils and pens. The event supervisor will provide the BUZZER system for Part II. Students are not allowed to bring any information.
4. **THE COMPETITION:** This event has two parts.

### **a Part I: The Exam:**

- I. The event supervisor will create a set of 100 – 200 questions consisting of four groups of questions from the following categories: Biology, Chemistry, Physics, and Erath Science.
- II. Students will take the paper/pencil test.
- III. Each team's score on Part I will rank all other teams from 7<sup>th</sup> place and beyond.

### **b Part II: The Final Round**

- I. The six top teams will compete in a science bowl. This may be in front of an audience.
- II. Each team will designate a Captain who will provide the final answer for each question, if format #2 is used. (See Scoring)
- III. Any competitor may "buzz in" using their teams response pad.
- IV. Response to questions may require only the team Captain to answer or any team member to answer. (See scoring)
- V. The event supervisor will ask a question and the competitor will have until the end of the answer time to answer. Answer time will range from 10 seconds - 20 seconds. The event supervisor will decide the answer time and announce at the start of Part II.
- VI. Ties after the time has elapsed will be done from a selection of Bonus questions between the tied teams. The format to be used will be "Sudden death" and continue until the tie is broken.

## **5. SCORING**

### **a. Part 1**

- I. Each question is worth 1 point.
- II. Highest total score wins.
- III. Time will be the tie-breaker.
- IV. The highest six teams will compete in Part II.

### **b. Part II (The format being used will be announced 30 days prior to the event.)**

Format #1: Only one team at a time may answer a question. If the first team answers incorrectly only one more team may attempt an answer.

- I. Each correct answer is worth 10 points
- II. Each incorrect answer will be worth -10 points
- III. The highest score wins.

Format #2: All teams can answer questions and earn points for correct answers. A program designed for this format is highly recommended.

- I. "Ringing In" and answering questions are one and the same action.
- II. Each correct answer earns points.
- III. The faster a correct answer is provided the more points earned.
- IV. Each incorrect answer earns no point deduction.
- V. The highest score wins.