Science Quiz Bowl Trial Event Rules (updated 11/05/18)
New York State Science Olympiad

1. **DESCRIPTION:** This event will test a team's ability to answer questions related to all areas of STEM.
   A TEAM OF UP TO: 3 **APPROXIMATE TIME:** 100 minutes (50 minutes/part)
2. **EVENT PARAMETERS:**
   a. Each participant must bring pencils and/or pens. Participants are not allowed to bring any other resources or notes.
   b. The event supervisor will create the written exam.
   c. The event supervisor will provide the Buzzer System for Part II.
3. **THE COMPETITION:**
   Part I: The Written Exam:
   a. All teams will have 50 minutes to take a paper/pencil test.
   b. The paper and pencil test will be composed of 100-200 questions consisting of four groups of 25-50 questions each from the following categories: Biology, Chemistry, Physics, and Earth Science.
   c. All questions will be created by the event supervisor.
   d. Each team's score on Part I will rank all other teams from 7th place and beyond.
   Part II: Science Bowl:
   a. The six top teams from Part I: The Written Exam will compete in a 50-minute Science Bowl. This may be in front of an audience.
   b. This part may be conducted in one of two different formats:
      i. 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 the question.
      ii. Format #2: All teams can answer each question and earn points for their correct answers. A program for this format is highly recommended.
   c. Each team will designate a Captain who may have the responsibility of giving the final answer for each question depending upon the format chosen.
   d. Depending upon the format chosen (3.II.b,) answers may be provided either only by the team captain or by any participating team member.
   e. Regardless of the format, any participant may "buzz in" using their individual remote response pads/buzzers.
   f. The event supervisor will ask a question and the participants will have until the end of the Answer Time to provide an answer. The Answer Time may range from 10-20 seconds. The Answer Time will be the same for all questions and be announced at the start of Part II.
   g. The competition will continue until all questions have been answered or 50 minutes of competition has elapsed.
   h. Ties after the time has elapsed will be using 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.
4. **SCORING:**
   a. Highest overall score wins.
   b. The Overall score will be calculated by combining the scores from Part I and Part II.
   c. The score for Part I will be calculated as follows:
      i. Each question is worth 1 point.
      ii. Time will be the tiebreaker.
      iii. The six (6) highest scoring teams on Part I will compete in Part II. All other teams will receive a Zero (0) for their Part II score.
   d. The score for Part II depends upon the format used for Part II. The scores will be calculated as follows:
      i. Format #1 Score Calculation:
         (1) Each correct answer is worth 10 points.
         (2) Each incorrect answer is worth -10 points.
         (3) If teams are tied when time elapses a "sudden death" round using Bonus Questions will be used.
      ii. Format #2 Score Calculation:
         (1) "Ringing In" and answering questions are considered one and the same action.
         (2) Each correct answer earns points.
         (3) The faster a correct answer is given the more points that answer earns for that question.
         (4) Each incorrect answer earns no point deduction.
         (5) If teams are tied when time elapses a "sudden death" round using Bonus Questions will be used.