

## **SWSC Science Competition Rules Template**

**Science Competition Title: Write it – Do it**

**Instructor's Name: Bob Gombas**

**School of Instructor: Thornwood**

**Email Address of Instructor: gombas.robert@district205.net**

**Date Competition Rules were created: 9/30/2010**

### **Description and Rules for Competition:**

**Teams will compete in a technical writing event that will challenge their ability to communicate precisely and clearly. The event will test a competitors ability to effectively communicate with a partner by having them construct a device from this written description. The event relies on the student's ability to use only the written word to communicate the procedures for the building of the object.**

### **Rules:**

- 1. A student is shown an object (which may be abstract) built from, but not limited to, items such as science materials, inexpensive materials (Styrofoam balls, Popsicle sticks, etc.) or commercially available sets as K'nex, Tinker Toys, Legos, or Lincoln Logs.**
- 2. A student will have twenty minutes to write a description of the object and procedures for how to build it. There will be no advantage to finishing early for the writing portion of the competition. Only words and numbers may be used. Symbols, drawings and diagrams are not permitted. Normal punctuation and editing symbols are acceptable. The student may touch the object but not disassemble it.**
- 3. The supervisor will pass the description to the remaining team member who will have a maximum of twenty minutes to recreate (build) the original object based on the written description provided by their partner. Note: The student who is building will be provided with exactly the same materials that were used to create the original with the possible exception of color.**

**How Scoring will be performed:**

**The team which builds the object nearest to the original and has properly written instructions is declared the winner. Any improper use of symbols, codes (including use of words or letters as code) will result in disqualification from the event. One (1) point will be awarded for each piece of material placed in the proper connection and location as compared to the model. There will be no deduction for correct placement or for unused parts. The team members responsible for the building portion wait outside the room during the writing portion. The writer may be asked to wait outside during the building, if it is deemed they are trying to persuade, or influence the builder in any way.**

**How Tie-Breaker will be performed (if needed): Time for the construction of the object will be used as a tiebreaker.**

**Number of students allowed in each individual team: 2**

**Number of teams allowed to compete from each individual school: 2**