

ACT-SO GUIDELINES

SCIENCES

(Biology, Chemistry, Computer Science, Mathematics, Physics)

1. Only one (1) project may be entered.
2. A **typed, doubled spaced paper**, with **six (6) copies**, describing the problem, procedures of analysis and conclusions (**minimum 250 words; maximum five pages**) must accompany the project.
3. All papers must have an **appendix** listing the sources of information (i.e., books, magazines, periodicals, etc., as well as any individuals who served as a direct academic resource). Support documents such as computer programs listings, raw statistical data, etc. may be submitted.
4. The contestants is required to make an **oral presentation** explaining the project, **not to exceed eight (8) minutes**.
5. A display board (three-section configuration is recommended) which includes the title and problem or purpose of the project, the method or procedure of analysis, the results or conclusions and any illustrations and charts, etc. which support the project should be included. Lettering and labels should be legible, neat, and grammatically correct.
6. Contestants are expected to have **conducted the experiment and/or performed the necessary calculations** required for the project. Students should accurately record all methods, calculations, observations, and data, etc. in a project lab book which is available for the judges to review.
7. Contestants are **responsible for providing their own equipment**.
8. Contestants should be **familiar with the terminology** of their area(s).

JUDGING CRITERIA

<input type="checkbox"/> Knowledge Gained	10 Points
<input type="checkbox"/> Scientific Approach	10 Points
<input type="checkbox"/> Experimental Research	10 Points
<input type="checkbox"/> Individual Work	10 Points
<input type="checkbox"/> Thoroughness	10 Points
<input type="checkbox"/> Validity of Information	10 Points
<input type="checkbox"/> Written Presentation	10 Points
<input type="checkbox"/> Oral Presentation	10 Points
<input type="checkbox"/> Visual Presentation	10 Points
<input type="checkbox"/> Validity of Conclusion	10 Points

100 Total