The following evaluation criteria will be used for judging at the Intel ISEF and SARSEF 2013. Awards’ judging is conducted using a 100-point scale with points assigned to the research question, design and methodology, execution, creativity, and presentation. Following please find information that will assist you in evaluating and scoring in each of these categories.

Each section includes key items to consider for evaluation. Students are encouraged to design their posters in a clear and informative manner to allow thorough evaluation. Judges should take into consideration the grade level when scoring. Examine the student notebook and, if present, any special forms if SRC permission was required. (For Elementary Class Projects, look for evidence that every child in the class had some responsibility or did part of the project.)

I. Research Problem (15 pts.)
___ description of a practical need or problem to be solved
___ definition of criteria for proposed solution
___ explanation of constraints

II. Design and Methodology (25 pts.)
___ exploration of alternatives to answer need or problem
___ identification of a solution
___ development of a prototype/model

III. Execution: Construction and Testing (25 pts.)
___ prototype demonstrates intended design
___ prototype has been tested in multiple conditions/trials
___ prototype demonstrates engineering skill and completeness

IV. Creativity (20 pts.)
(A creative project demonstrates imagination and inventiveness. Such projects often are ones that are about something that the student personally cares about, have not been done hundreds of times before or frequently listed in Science Fair idea books or web. Creative projects offer different perspectives that open up new possibilities or new alternatives.
___ project demonstrates significant creativity in one or more Criteria I -III or V
___ idea appears novel – at least to the student (not copied or seen repeatedly)
___ idea appears to be something that student cares about

V. Board/Presentation (15 pts.)
___ evidence of scientific process, understanding of basic science relevant to project
___ colorful, creative and logical organization of display
___ clarity of graphs, legends & graphics
___ supporting documentation displayed
___ understanding limitations of results and conclusions
___ recognition of potential impact in science, society and planet/world
___ thought through implications, ideas for further research