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 Question (15 pts.)
   ___ clear and focused purpose
   ___ identifies contribution to field of study
   ___ testable using scientific methods (follows rules and SRC)

II. Design and Methodology (25 pts.)
   ___ well-designed plan and data collection methods
   ___ variables and controls defined, appropriate and complete

III. Execution: Data Collection, Analysis and Interpretation (25 pts.)
   ___ systematic data collection and analysis
   ___ reproducibility of results
   ___ sufficient data collected to support interpretation and conclusions
   ___ appropriate application of mathematical methods for comparison

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/Poster 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