

## SCIENCE FAIR PROJECTS

March 21 - 22, 2011

Scientists will tell you that a science project is work done to solve some problem in science. A school science project goes one step further. Your science project must include the work done to solve a problem and an exhibit which tells others about the problem and the solution you found from your research and experimentation.

Science projects count two test grades on the fourth grading period. Meeting deadlines count as homework grades throughout the year. Points are awarded according to the evaluation sheet, *Science Fair Instruction Booklet*, and instructions in class. Below are some requirements for your science project. Points will be deducted if any of the requirements are not met.

Research is required before starting experimentation. This necessary to provide background knowledge for experimentation and choosing a hypothesis. The research should be written in paragraph format, documented, and included in the documentation on display.

New experimentation must be performed as a part of the project. A detailed log should be kept during experimentation which includes all procedures, conditions, data, results, or other relevant information. Projects should not use tobacco, alcohol, or human subjects without prior approval. Students working with a mentor need to complete a form.

The actual display must meet the size requirements. The exhibit size is limited to 76 cm (30 in.) deep, front to back; 122 cm (48 in.) wide, side to side; and 274 cm (108 in.) high, floor to top. Tables are to be about 76 cm high and should be supplied by the student or rented (ask your science teacher for information).

Included in the exhibit must be a table, an exhibit board, documentation, and some type of object from your experiment. (This object should be inorganic and not harmful to life or the environment. All containers must be empty or sealed.) The board should have on it (in logical order) your title, hypothesis, procedure, data, conclusion, and other important information. The documentation must include the title page first. It must also have your hypothesis on your outline page, research, complete procedure (including controls, materials, conditions), data collected (log), results, conclusions, applications, and works cited page. Your documentation should completely explain your project, but your exhibit board could just summarize. Your name is NOT to appear on ANY part of the exhibit.

The school has many opportunities available to help students produce a professional project. Appointments to use the lab, lab equipment, library, or computer lab for science fair work need to be made at least a week in advance. Additional information may be located on the school's website ([www.rvcs.info](http://www.rvcs.info)).

When the project is picked up on March 22, 2011, all documentation is required to be turned in for grading. Failure to meet deadlines will result in a lower grade.