

## **Science Fair Checklist**

- ✓ Find a topic that interests you
- ✓ Narrow topic to a specific problem or question
- ✓ Begin a scientific log book and maintain it as the experiment goes on
- ✓ Gather background research (check out books and internet)
- ✓ Discuss the project with your parents and teacher
- ✓ Develop an experiment to solve the problem or answer the question
- ✓ Develop a hypothesis/prediction
- ✓ Begin your experiment
- ✓ Take photos as you do your experiment – no faces!!
- ✓ Make observations/collect data
- ✓ Interpret the observations/data (put it into charts, graphs, etc)
- ✓ Draw conclusions
- ✓ Write abstract and research report
- ✓ Create the exhibit board
- ✓ Finalize presentation

## **Web Links**

### **Science project information**

<http://www.sciencebuddies.org/>

### **Rules and Guidelines**

<http://www.societyforscience.org/isef/document/>

### **Doing Background Research**

[http://www.sciencebuddies.org/science-fair-projects/project\\_background\\_research\\_plan.shtml](http://www.sciencebuddies.org/science-fair-projects/project_background_research_plan.shtml)

### **Writing a research report**

[http://www.sciencebuddies.org/science-fair-projects/project\\_research\\_paper.shtml](http://www.sciencebuddies.org/science-fair-projects/project_research_paper.shtml)

### **Writing an abstract**

[http://www.sciencebuddies.org/science-fair-projects/project\\_abstract.shtml](http://www.sciencebuddies.org/science-fair-projects/project_abstract.shtml)