

# Science FAIR

2014 -2015

All Mac Science students, from Grade 7 to Grade 11, are required to prepare a project for the Mac Science Fair scheduled to take place:

***Grade 9-11's are from November 25 & 26, 2014***

***Set -up date November 24 (Projects due this date)***

***Grade 7and 8's are on February 3, 4 & 5, 2015***

***Set -up date February 2 (Projects due this date)***

This project will require you to: 1) conduct **research** and 2) perform an **experiment** in order to prove a Hypothesis.

## **Guidelines:**

### **Proving a Hypothesis by doing an experiment:**

- |   |   |
|---|---|
| 1) Choose a simple and suitable question to investigate | 5) Record data & observations           |
| 2) Formulate hypothesis                                 | 6) Discuss the results                  |
| 3) Design an experiment to test hypothesis              | 7) Make a conclusion                    |
| 4) Describe procedure to your experiment                | 8) Present your work neatly and clearly |

Start your topic search NOW. Your topic should be related to the science you are studying...biological or physical. Before you decide on your topic, you should do some research, and gather as much information as possible on the topic of interest. Narrow it down to a very specific question. When deciding, be sure it can be answered, with the time, resources, skills, and equipment available. **Be creative!** Ask your teacher for help along the way.

Your teacher will discuss with you some topics you may wish to investigate. See bulletin board in science department for examples of effective presentations.

**Topics and groups must be approved and signed-up**  
**no later than October 20, 2014 for cycle 2 only**

### **Important Reminders:**

- |   |
|---|
| <ul style="list-style-type: none"><li>• <b>Maximum of 3 persons</b> per group and in the same class</li><li>• You are to <b>purchase your own display backboard</b> – Buy new from the store or used from the department</li><li>• Use the <b>Official Registration Form</b> - see your teacher</li><li>• <b>NO HAZARDOUS MATERIALS</b> ALLOWED</li><li>• <b>Prizes and Awards</b> will be given to the top projects in each grade level.</li><li>• This is a <b>Mandatory project</b> and is a major part of the Practical evaluation.</li></ul> |
|---|

*Start your investigation NOW!*