

Everything You Need to Know About M.O.S.P. 2010-2011

Name _____

What is M.O.S.P.?

M.O.S.P. stands for My Own Science Project. It is research you conduct and carry out on your own. I can help with ideas and provide resources, but YOU must take the initiative to start it and follow through with it to the end. Listed below are categories of qualifying research ideas. You are required to accumulate **50 points for second semester.**

This project should encourage you to pursue your own interests while incorporating a scientific twist to it. It should be important and relevant to you.

How do I get started?

You can start by brainstorming ideas and interests of your own based on information you obtain from science books and magazines, programs, peers and/or other people. When choosing a research project, be *open-minded* about all topics. Don't complete activities just to fulfill the requirement. While M.O.S.P. will require much time outside of the class, it should be a challenging, relevant, and a rewarding experience for you! Take advantage of this special opportunity to stretch yourself academically by directing your own learning.

Requirements for Projects

Full credit for the project will be based on the following:

- Lab book or notebook with completed and typed papers for each project
- Bibliography of resources- (to help write bibliographies use Easybib.com or the attached sheet provided by your teacher)
- Date and length of time spent
- Quality and effort
- Creativity
- Organization
- Parent Signature

How Credit Is Rewarded

Look at Log sheet for amount of credit assigned.

Categories or Topics for M.O.S.P.

Design and carry out an experiment

Read science magazine articles

Visit a science center or program

Read a book on a science topic / biographies included

Interview a scientist (think of family members or neighbors)

Watch a good science TV program (minimum – 30 minutes)

Review and critique an appropriate scientific website

Lecture on a specific disease (i.e. diabetes, Alzheimer's, cancer, etc)

Work on thought/logic puzzles

Create a science game (to help review a unit)

Any other ideas?

The possibilities are endless! I will support and help tweak your ideas, plans, and efforts in this area of science, BUT you MUST get my approval before beginning any project.

Record Keeping for M.O.S.P.

How to Create a M.O.S.P. Logbook

- 1) Obtain a folder with brads and write M.O.S.P. (in capital letters) on the **Front** cover. Include your name on the upper right hand corner.
- 2) Place the M.O.S.P. guidelines and bibliography sheets into the bradded section of your folder.
- 3) When placing the projects into the folder, keep the most recent one on top.
- 4) Your logbook will be used for the entire year. Keep your logbook at home until you are ready to submit it with each of your completed project(s).

How to Complete a Log

Follow the directions on the log sheet.

Due Date

Second Semester **March 4**