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Patrick Henry Middle School

Course Title: Science Olympiad

Course Description:

This class is based on the content of the National Science Olympiad. Activities involve teamwork, group planning, and cooperation. Activities have been designed to recognize the wide variety of skills that students possess. While some events require knowledge of scientific facts and concepts, others rely on science processes, skills or applications and lots of brainstorming.

Events to be covered may include:

Egg drop, bridge building, aerodynamic devices, Mystery Powders, mouse trap-powered cars, Bottle Rockets, and more.

Activities in the classroom will include:

Lectures on basic concepts, research (in the library), design and development of devices, and competition with other teams. Members of each team will be participating in the planning, designing, constructing, and the testing of their projects. Each student will also maintain a science journal of each day's activity.

Homework Policy:

As data is gathered in class, each student will record his/her observations and results into the journal. Homework will be to complete each day's entry in the journal. Homework may also involve collecting materials for various devices.

Materials needed:

A spirit of competition, a willingness to work with others, a mind for solving problems and a sense of creativity. In addition, spiral-bound notebook or 1/2" – 1" ring binder with paper, pencils and pens.

Grading:

Grades will be based on the completion and quality (neatness, organization) of the science journal.

If you have any questions, feel free to contact me. My e-mail addresses are gsorensen@lausd.k12.ca.us or Gladys.Sorensen.05@csun.edu You are welcome to use either one.