

Audobon K-8 SCHOOL

Physical Science 8th - Syllabus

Instructor		
Stephanie Keehan, Room B20	E-mail	stephkeehan@yahoo.com skeehan@sandi.net

Course Description:

This is a Physical Science class taught with a blend of inquiry and reading approach. The instructor and curriculum facilitates inquiry-based learning in which students develop understanding of scientific concepts and the methods used by scientists to gather information, form hypotheses, conduct careful investigations, and communicate information in a variety of ways. Students will develop, apply and sharpen their inquiry and questioning abilities by performing a variety of investigations. Students will be expected to master the California State Physical Science content standards by the end of the year. Students will be required to take Benchmark Tests and a Year End Exam. Students will also be required to maintain a scientific notebook and participate in a Science Symposium during the year.

Course Content:

- Science Safety
- Experimentation and Investigations
- Chemistry
- Chemical Reactions
- Physics
- Astronomy
- Life Skills

By year end, Students will:

- Select and use appropriate tools and technology to perform tests, collect data, and display data.
- Use a variety of print and electronic resources to collect information and evidence as part of a research process.
- Communicate the logical connection among hypotheses, science concepts, tests conducted, data collected and conclusions drawn from the scientific evidence.
- Construct scale models, maps and appropriately labeled diagrams to communicate scientific knowledge.
- Communicate the steps and results from an investigation in written reports and oral presentations.

Material Needed in class EVERY day:

- 3 ring binder with divider for science journal
- 2 pencils (sharpened before class begins)
- glue stick or tape
- notebook- first is given by teacher, if lost students must replace
- student planner (will be provided)

Academic Grade:

Academic grades will be earned in notebooks, homework, classwork, projects, quizzes, and benchmark tests. There will also be a year-end exam. Grade level benchmark tests and projects will hold a weight of 30% of a student's grade. All assignments are given a value and grades are calculated based on the quality and quantity of work.

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Grading Policy:

Grading will follow the policy of Logan K-8 School

A = 90% - 100%

B = 80% - 89%

C = 70% - 79%

D = 60% - 69%

F = 0% - 59%

Resources:

[http:// www.cde.ca.gov/be/st/ss/scgrade8.asp](http://www.cde.ca.gov/be/st/ss/scgrade8.asp)

<http://livescience.com>

<http://sci-toys.com>

Behavioral Expectations:

Students are expected to positively add to the classroom. Students who choose to goof off, play around, be mean or spiteful, rude or nasty will not only take away from their own education but the education of other people. While I like to have fun and make jokes, class time is for learning and working, not playing around. Respect for classmates, classroom and teacher are expected at all times. This includes respecting classroom rules and safety rules. If you feel that you are not capable of doing this, please set up a meeting with Ms. Keehan so that accommodations can be made.

Homework

Students will be assigned homework as needed to reinforce classroom instruction. There will not be homework every class period. Check 6-week pacing guides for homework assignments, although pacing may change. Students will always have a study guide for homework before a test is given. I sign and check the planner every week, parents are expected to do so as well.

Textbook:

Textbook will be used as an extra research resource for assignments.

Absences

Students are responsible to make up all work missed during absences. It is the student's responsibility to determine homework and class work that has been missed. Students are also responsible for filling in journal entries from absences.

Parent Signature _____

Student Signature _____

Questions/ Comments: