

Name: _____

COURSE SYLLABUS
Physical Science
2022- 2023
Victor Valley Christian School
Teacher: Paula Esteban
Email: pesteban@vfassembly.org

Course Description

This Physical Science class is designed to take students on a journey of observation, explanation, and participation in the study of God's creation of matter and motion processes. Emphasis will be placed on hands-on learning experiences, both in the classroom and outside, in order to facilitate the drawing of connections between real life and the content of this course. Students will explore sound, optics, motion and chemistry to better understand the concepts related to physical science while integrating Bible principles and understanding. Students will become familiar with vocabulary relevant to the study of physics and chemistry and will gain confidence in using a science textbook as a resource to reference information.

Textbook

Physical Science, Concepts in Action with Earth and Space Science, Pearson, 2011 and lab manual.

Course Requirements

1. **Homework:** Students can expect to have a homework assignment, either written or a reading assignment most every day. Homework is due the beginning of the class period unless otherwise specified by the instructor. No late homework assignments will be accepted unless the student was absent from school the entire day. If the student is absent for any part of the day, the student is responsible for obtaining that assignment from the instructor or the school website. **Parental and student Initials** _____

2. **Lab/activities:** During the year the students will be participating in a number of laboratory activities at home and in the classroom. Safety is the first rule during these activities. Students will be instructed as to the proper use and care of laboratory equipment and will be expected to follow the necessary safety guidelines. The student can expect to be charged for any careless act that breaks or destroys any laboratory equipment.

3. **Exams, Tests, and Quizzes:**

a. There will be two final exams during the course of the year. Finals will be given at the end of each semester and will cover material presented during the semester.

b. Students can expect a test at the completion of each chapter. Tests will cover only the material presented in that chapter.

c. Students can expect an unscheduled quiz at any time especially following a reading assignment.

4. **Notebook:** All students are expected to keep a science notebook. The notebook will be a one inch three-ring binder with divisions for homework, lab activities, notes, and tests. The notebook will be brought to class each day and will be checked by the teacher periodically and graded as an assignment.

5. **Notes:** All students are expected to take notes during class. Notes are to be kept in their science notebook as a required graded assignment.

Approximate Course Sequence

Unit 1: Matter

Unit 2: Introduction to Chemistry

Unit 3: Forces

Unit 4: Energy

Unit 5: The Earth

Unit 6: Space

Student conduct and safety:

Safety first. Students will follow all safety rules as defined in the safety procedures and/or contract provided the first week of classes. Unsafe practice by a student will result in that student being transferred out of class. Zero points will be earned for missed labs due to unsafe practices. Ask questions if you don't know so you can learn proper procedures.

Refer to the online VVCS Handbook for a detailed description of school wide policies regarding behavior, attendance, cell phone use, and the dress code. It is every student's responsibility to know ALL school wide policies. "I didn't know that was a rule!" is not acceptable. Specifically, the following will apply in this classroom:

- You are responsible for your actions.
- Finish food and drink before entering the classroom.
- No gum.
- Enter the classroom quietly and prepared to learn.
- Display courtesy by listening quietly to the speaker.
- Respect materials and equipment.
- All assignments are to be hand written unless you are instructed to do otherwise.
- The passing bell does not dismiss, I do.

No electronic device policy: No cell phones, pagers, games, music devices or personal programmable devices of any type are to be seen or heard in class, they will be confiscated will be taken to the principal on any offense—no exceptions. Programmable calculators are not allowed during exams/quizzes.

Chromebooks will be used in accordance to school policy and used when authorized during class.

Teaching Style

I have yet to have a "student" fail my class. However, I have had "visitors" fail. I define a student as one who; comes to class every day, completes all assignments, is eager to learn, and if needed is willing to stay after school for extra help. A student is part of the solution, not part of the problem. If you fit the above description of a student, I guarantee that you will pass Earth Science.

Academic Integrity:

All work (homework, quizzes, tests, papers, projects, labs, etc.) must be your own.

Cheating includes, but is not limited to:

- Submitting work copied from a friend or an outside source (without attribution).
- Giving work to a friend or giving/receiving excessive assistance from someone.
- Accepting or giving help during a test or quiz.
- Using a calculator or notes without expressed permission of the teacher.
- Plagiarism, a form of cheating, involves presenting someone else's ideas or words, whether deliberate or inadvertent, without giving credit.

Grading

Quarter grades will be calculated as follows: Semester grades will be calculated as follows:

Homework:	30%	1st Quarter	40%
Lab/activities	20%	2nd Quarter	40%
Quizzes/tests	40%	Final exam	20%
Notebook	10%		

Letter grades will be given based on the percentages set forth in the Student Handbook.

Supplies

- 1.5-2 inch 3 ring binder
- 5 tab dividers
- pen and pencils
- 1-2 dry erase markers
- filler paper

For Parents and students:

I, _____ (student's name) have read this syllabus and acknowledge my full understanding of the expectations of this class.

Student's Signature

Date

I have read this syllabus with my child and understand the expectations of this class.

Parent or Guardian's Signature

Date

Please return this syllabus in its entirety by September 5, 2022. Thank you.

For teacher:

Date returned: _____ Teacher's initials: _____