

APEX Earth Science 9

Class Description:

This class meets the graduation requirement for the State of Washington and Kennewick School District.

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history, Earth's environment, sustainability, and energy resources. Optional teacher-graded labs encourage students to apply the scientific method.

The content is based on the National Science Teachers Association (NSTA) standards and is aligned to state standards.

This course meets a graduation requirements and meets at least one GLE and/or EALR.

Learning Materials:

APEX is a complete curriculum, other than a computer a student does not need any additional materials.

Learning Goals:

The content is based on the National Science Teachers Association (NSTA) standards and is aligned to state standards.

Learning Activities:

Student will complete Study, Discussion, Activity and a Quiz for each section in a unit and then will complete a unit exam. Activities are based on a student earning a min. of 70% or better in each activity.

Evaluation:

On each month's progress reports, student will report completion and mastery of learning activities designed to reach specific goals within the course description.

In addition, students will keep portfolios of their written work, quizzes, and tests to show their consultants and/or HQ teachers.

Every month progress will be determined by the HQ teacher of this course based on the question: "Will the student master his performance objectives by the end of the course?" The HQ teacher will take into consideration ALL factors (including student life situation, effort, attitude, etc.) when making this professional judgment.

Each month, the student will be expected to master approximately 10% of the yearly goals for this class (or 20% of semester goals), with all of the goals being met by the end of the year (or semester.) The mastery of any one goal may be an on-going process and some goals may overlap or be difficult to measure. Evaluation of progress toward the mastery of the goals will be based on monthly completion (or progress toward completion) of the learning activities that are designed to provide the means to achieving the goals of the learning plan. With that said, monthly progress can still be marked satisfactory based on the professional judgment of the teacher that the student will complete the goals of the course.