

Learning Plan Document for Off-Site Course Description and WINGS

Grade Level	High School
Class Title	Earth Science
Subject	Science
Class Description	<p>This course is designed to help students understand basic Earth Science principles and develop problem-solving skills. Students will build an understanding of how Earth Science concepts and skills are relevant to other courses and their daily lives. Chemical topics covered in the course include, but are not limited to: Matter and Change, Minerals, Composition of Earth, Surface Processes on Earth, Atmosphere & Oceans, Dynamics of Earth, Geologic Time, Resources & the Environment, Sun-Earth-Moon and Solar System, Stars, Galaxies, and the Universe</p> <p>Students will explore Earth Science from a systems approach. A strong focus will be placed on developing skills related to research, critical writing, laboratory practices, data analysis and representation, and engineering. Students will revisit basic scientific concepts many times throughout the year.</p>
Learning Materials	<p>“Earth Science with Geology, the Environment, and the Universe” Glencoe McGrawHill</p> <p>ISBN: 978-0-07-677492-0</p> <p>Off-Site courses can include on-line products such as APEX. Apex is a complete course. A computer and internet connection is needed on a regular basis to be able to do the work. Other off site course materials use district adopted materials.</p>
Learning Goals/Performance Objectives	<p>The content of this course is based on the Washington state Science Learning Standards, also known as the “Next Generation Science Standards”.</p> <p>Upon completion of this course students will be knowledgeable and proficient in the following areas: Earth’s place in the universe, Earth’s systems, Earth and human activity.</p> <p>A team of certificated teachers who are highly qualified in this subject matter has reviewed this WSLP.</p>
Learning Activities	<p>Learning activities for this course include, but are not limited to: Individual and group laboratory experiments & challenges, class presentations, research, discussions, lecture, offsite homework, volunteering in the community, and field trips.</p>
Progress Criteria/Methods of Evaluation	<p>{Student Name} will complete weekly assignments, offsite work, lab experiments, weekly to biweekly assessments, write research papers, collaborate in a group with other students, and be able to apply knowledge of Earth science to real world engineering and design.</p> <p>Weekly and monthly assessments will be completed by the consultant/certified teacher. Monthly Progress will be marked satisfactory or unsatisfactory based on the professional judgment of the certified teacher</p>

using parent input, work samples, and monthly assessments for the off-site course work.

Final Grading: Course grades are weighted towards summative tests in the courses.

90-100 A [93-100=4.0, 90-92=3.7]

89-80 B [B+ 87-89=3.3, B 83-86 = 3.0, B- 80-82=2.7]

79-70 C [C+ 77-79=2.3, C 73-76=2.0 C-70-72=1.7]

67-69 D+

60 – 66 D

Below 60 = NC no credit for failing course

Online courses for a proficient passing grade may vary according to course completion. Your APEX/Aleks and off site HQ will work to establish norms per on line product.