

Grade Level	High School
Class Title	Biology
Subject	Science
Class Description	<p>This course introduces the principles and concepts of biology. Students will investigate biological systems at the molecular, cellular, and macro-biological level. Hands-on laboratory exercises incorporating cellular biology, genetics, DNA, evolution, and ecology will be provided to assist students in their understanding of biology. Projects and reading and writing assignments may be required with each unit of instruction.</p> <p>CCSS/GLE: One or more Washington State K-12 Learning Standards, NGSS, GLE, or Common Core, as well as state and district graduation requirements are met by this course of study.</p> <p>This course is a [semester/year] long course. Students who successfully complete the course have the potential to earn [.5/1.0] credit.</p> <p>The estimated offsite hours estimated for this class are 5 hours per week. A team of certificated teachers who are highly qualified in the subject matter has reviewed this WSLP. This class meets the weekly personal direct contact time requirement.</p>
Learning Materials	<p>Apex</p> <p>This course is aligned with the "Next Generation Science Standards" and meets requirements for state and district graduation.</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: Molecules to organisms, ecosystems, heredity, and biological evolution.</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: laboratory experiments & challenges as well as research</p>
Progress Criteria/Methods of Evaluation	<p>The student will complete, offsite work, lab experiments, weekly to biweekly assessments, write research papers.</p> <p>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 using parent input, work samples, and monthly assessments with off-site courses on the dashboard on progress.</p> <p>Final Grading: Course grades are <u>weighted towards summative tests in the courses.</u> 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] 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.</p>

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