Oroville Union High School District
Course Description

Course Title:	Biology of the Living Earth
Aeries Course #:	300A
CBEDS #:	9331
Course Length:	One Year
Type o f Credit(s):	Science
A-G Approved:	Pending
Approval Date:	Pending
Integrated (Academic & CTE):	No
2+2 Credit:	No
Dual Enrollment:	No
District Certification:	None
Prerequisite:	None
Includes Hands-on Lab Activities:	Yes
Grade Level(s):	9-10
Primary Textbook(s):	HMH: The Living Earth (Pending)
Supplemental Materials:	ADI Biology, Biozone: Living Earth, POGIL (Pending)
Digital Resources:	HHMI Biointeractive, Concord Consortium (Pending)

Course Overview

In this course, students explore biological concepts through an earth science lens. This is an inquiry based lab NGSS course that incorporates the performance expectations of 'Biology' and 'Earth and Space science' to deepen student understanding of life on Earth and the interactions between biotic and abiotic systems. Students connect crosscutting concepts and utilize science and engineering practices to explain natural phenomena. Instructional segments explore ecosystems, photosynthesis, respiration, evolution, genetics, cell structure and growth, and climate change. This course is designed to be the first course in a 3+ course Science sequence.

Board Approval Date: December 18, 2019

Please attach a copy of all standards that apply to this course.

Physical Sciences	Life Sciences	Earth and Space Sciences	Engineering, Technology, and Applications of Science
N/A	HS-LS1-1 HS-LS1-2 HS-LS1-3 HS-LS1-4 HS-LS1-5 HS-LS1-6 HS-LS1-7 HS-LS2-1 HS-LS2-2 HS-LS2-3 HS-LS2-4 HS-LS2-5 HS-LS2-6 HS-LS2-7 HS-LS2-8 HS-LS3-1 HS-LS3-2 HS-LS3-3 HS-LS4-1 HS-LS4-2 HS-LS4-3 HS-LS4-4 HS-LS4-5 HS-LS4-6	HS-ESS1-5 HS-ESS1-6 HS-ESS2-5 HS-ESS2-6 HS-ESS2-7 HS-ESS3-1 HS-ESS3-4 HS-ESS3-5 HS-ESS3-6	HS-ETS1-1 HS-EST1-2 HS-ETS1-3 HS-ETS1-4