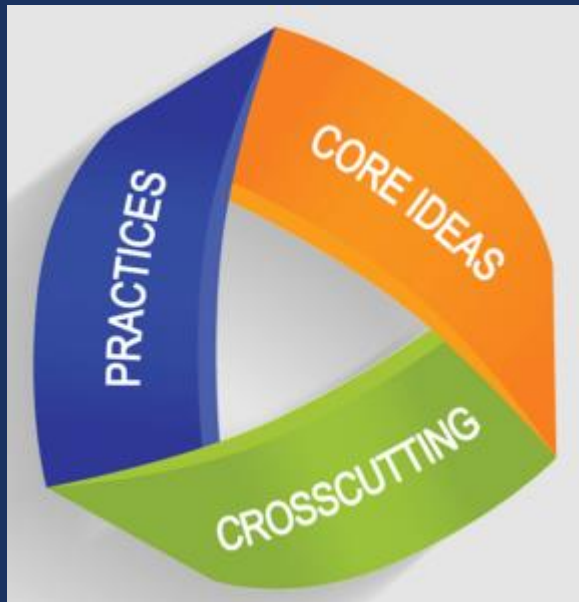


HIGH SCHOOL SCIENCE PATHWAYS

GUSD PARENT ACADEMY, MARCH 30, 2021



WELCOME & INTRODUCTIONS

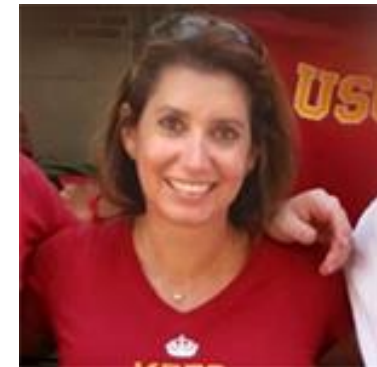
- Dr. Chris Coulter

Director of Teaching and Learning



- Shawna Kolmel

Science Specialist



OBJECTIVES

To provide information and answer questions on

- High School Science Courses
- High School Science Graduation Requirements
- High School Science Pathways

BACKGROUND

- May 2019 – approval of the Earth & Space Science embedded 3-course model for high school beginning with the 2020-2021 school year
- 2019-2020 – Develop and finalize pathways

NEW HIGH SCHOOL SCIENCE COURSES

- Combine all high school standards into 3 courses.
- Integrate Earth & Space Science into traditional domains
 - Living Earth
 - Chemistry in the Earth System
 - Physics of the Universe



ELECTIVE SCIENCE OPTIONS

- AP Biology
- AP Chemistry
- AP Environmental Science (CVHS, Clark)
- AP Physics I, II, C
- Earth & Space Science (CVHS, GHS, HHS)
- Environmental GIS (Clark)
- Forensic Science (HHS)
- Geology of Disasters (Clark)
- Marine Biology (GHS)
- Physiology (CVHS, GHS, HHS)
- Honors Physiology (CVHS, GHS, HHS)
- Kinesiology Rehab (CVHS)
- Courses in CVHS Science CTE Pathway:
BioTech, Sports Medicine, Advanced Sports
Medicine, Healthcare Internship, and Science
Research

HIGH SCHOOL GRADUATION REQUIREMENTS

- 3 years of core science
 - Living Earth
 - Chemistry in the Earth System
 - Physics of the Universe



HIGH SCHOOL SCIENCE PATHWAYS

- Typical Pathway for Crescenta Valley, Daily, Glendale, and Hoover High Schools

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Living Earth	Chemistry in the Earth System	Physics of the Universe	Elective Science
		AP Physics I	

HIGH SCHOOL SCIENCE PATHWAYS

- Typical Pathway for Clark Magnet High School

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Physics of the Universe	Chemistry in the Earth System	Living Earth	Elective Science

HIGH SCHOOL SCIENCE PATHWAYS

■ Pathway with Summer Acceleration (CVHS, DHS, GHS, HHS)

	Summer Pre-9 th Grade	9 th Grade	Summer Pre-10 th Grade	10 th Grade	11 th Grade	12 th Grade
Option 1	Living Earth	Chemistry in the Earth System		Physics of the Universe	Elective Science	Elective Science
				AP Physics I		
Option 2		Living Earth	Chemistry in the Earth System	Physics of the Universe	Elective Science	Elective Science
				AP Physics I		

HIGH SCHOOL SCIENCE PATHWAYS

■ Pathway with Summer Acceleration - CMHS

	9 th Grade	10 th Grade	Summer Pre-11 th Grade	11 th Grade	12 th Grade
Option	Physics of the Universe	Living Earth	Chemistry in the Earth System	Elective Science	Elective Science

QUESTIONS

