



GLENDALE UNIFIED SCHOOL DISTRICT Teaching & Learning Department



High School CA NGSS Pathways

Beginning with the graduating class of 2024, the following pathways will be available to all students at GUSD High Schools

Typical Pathway without Summer Acceleration Options

In the typical pathway, a student would take the series of courses in their intended grade level. If not successful in a course, a student would still progress through the sequence with remediation taking place over summer, concurrently with the next course, or during 12th grade.

For acceleration in this pathway, students can take AP Physics in place of Physics of the Universe (except at Clark Magnet) and take additional AP classes either concurrently or during the 12th grade year. Students must be enrolled in Integrated II or higher to enroll in AP Physics. With the addition of Earth & Space Science content, AP Physics will correlate with Physics of the Universe. AP Chemistry does not correlate with Chemistry in the Earth System and can NOT be taken in its place.

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

Typical Pathway for CVHS, DHS, GHS, HHS, VA

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

Typical Pathway for Clark Magnet HS

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



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Typical Pathway with Summer Acceleration Options:

A student choosing to take summer school to accelerate through the pathway can do so by taking Living Earth or Chemistry in the Earth System during summer school. These courses should be inclusive of students accelerating and remediating. Physics of the Universe will not be offered over summer for acceleration, only remediation.

Science Pathways – With Summer Acceleration

CVHS, 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 | | |

Science Pathway – With Summer Acceleration

Clark Magnet

| | 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 |