

Health Science Pathways and Programs

School	Pathway/Program	Description
Bullard High School	Biomedicine	A Linked Learning pathway helping build students' knowledge of anatomy and physiology. Students will engage in real-world health issues and topics to develop and understanding of anatomy and physiology with the goal to be effective, compassionate health care practitioners in their community.
CART	Biomedicine Lab; Biotechnology Lab	Biomedicine: Students explore issues in medical science and human anatomy/physiology through their involvement in dissections, medical case studies and research projects. Students investigate how a healthy body functions and how it reacts to disease. Students collaborate with medical professionals at various hospitals and clinics in the Fresno/Clovis area as they research a variety of medical topics. Biotechnology: Students explore biotechnology, an exploding science field that leads to high-paying jobs in medicine, biology, chemistry, agriculture, and environmental science. Students apply DNA technology to genetically engineer bacteria, solve medical mysteries, clone tissues, diagnose genetic disease, and explore drug development and testing. Students wrestle with difficult ethical issues that arise as a result of using biotechnology to solve problems.
Duncan Polytechnical High School	Medical Academy of Science and Health (MASH)	Linked Learning pathways focusing on patient care. Students have the opportunity to obtain college credit and medical certifications including CPR, Basic Life Support and OSHA 10. By graduation, students have the opportunity to become certified in different medical pathways such as Nursing (Certified Nursing Assistant) and Rehabilitation Therapy Aid. Specialized pathways are offered in Nursing Services, Pharmacy Technician, and Rehabilitation Therapy.
Edison High School	Biomedicine	A Linked Learning pathway nationally recognized in STEM education broadening the students' understanding of the careers and collegiate majors associated with the medical field. Specialized pathways are offered in Biomedicine and Kinesiology.
McLane High School	Medical Education and Research Academy (MERA)	A Linked Learning pathway and NAF Academy preparing students for a career in health science and medical technology by offering real-world internship opportunities and an excellent college preparation academic program that provides multiple options upon graduation.
Roosevelt High School	Health Academy	Two Linked Learning pathways providing students with opportunities to gain knowledge and experience in patient care and sports medicine with the help of industry partner Community Regional Medical Center. Specialize in anatomy and physiology or sports medicine.
Sunnyside High School	Health Sciences; Doctors Academy	Health Sciences: A Linked Learning pathway offering students the opportunity to gain knowledge and experience in the fields of sports medicine and athletic training. Students who complete the pathway will have the opportunity to earn an industry-recognized certification in the field. Doctors Academy: A career-oriented and academically rigorous program in partnership with UCSF Fresno , with the primary goal of supporting students who aspire to be health professionals by introducing them to a series of medical topics, college and health workshops, guest speakers, and various other components that will support them in their medical career.