Innovation Proposal:
Anatomy and Physiology

Cedar Valley High School
Eagle Mountain, Utah
Contact: Jordan Peterson
Email: jordanpeterson@alpinedistrict.org

Proposed Innovation

Z Space augmented reality will be incorporated to enhance the teaching of Medical Anatomy and Physiology. This cutting-edge technology will allow students to interact with three-dimensional models of the human body, providing an immersive learning experience that traditional methods cannot match. Students will be able to explore and manipulate virtual cadavers, view detailed anatomical structures, and simulate clinical procedures.

Purpose and Potential

This approach will deepen their understanding of complex anatomical concepts and improve their spatial awareness and retention. The use of augmented reality will also facilitate the examination of pathological conditions, enabling students to visualize the impact of diseases on different body systems. This innovative curriculum aims to make learning more engaging, interactive, and effective, preparing students for careers in the medical and health science fields.

Courses Include

an in-person classroom setting on campus in an A or B-day rotating schedule.

Student Outcomes

will be measured through formative and summative assessments to track growth measurements and student progress.

Funding

Grant funding will be used for the purchase and operation of augmented reality technology.

Under House Bill 386, Local Education Agencies can approve up to $5,000 in grant funding for innovation programs. The innovation outlined here is one example that has been approved for implementation. Learn more at schools.utah.gov/ulead

ULEAD EDUCATION

AVIATORS CEDAR VALLEY HIGH SCHOOL

ALPINE SCHOOL DISTRICT

ADA Compliant 8.2024