

Innovation Proposal: Drone and Robotics

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Proposed Innovation

The Drone and Robotics courses will give students hands-on experience, training, and knowledge in flying and robotic simulation. This course includes digital literacy, physics, and STEM concepts. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding drone and robotics operations.

Purpose and Potential

Students will engage in enhanced learning through practical drone and robotics simulations. Developing technical skills in aspects of the field of robotics for manufacturing and drone operation prepares students for more advanced simulations, develops an understanding of aeronautics concepts, and introduces students to a growing career field.

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 drone and robotics materials.

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