



Nevada STEM Advisory Council List of Recommended STEM Programs February 2023

NextWaveSTEM

PROGRAM OVERVIEW

NextwaveSTEM (NWS) provides a STEM curriculum for K-12 educators and teacher training paired with course equipment that enable school districts to implement learning with drones, robotics, 3D design and printing, coding and programming, and renewable energy.

NWS' vision and philosophy is to empower educators and students to excel in a continuously changing world with the mission to offer innovative educational experiences using emerging technologies that ignite a passion for learning that leads to improved academic outcomes and opens up new opportunities post high school and throughout one's career.

NWS' school day enrichment activities, after-school, and summer programming reinforces concepts from the classroom and furthers challenges learners in STEM topics. Many students today will work in careers they do not yet know exist, and our hands-on programs help to prepare them for their future.

TARGET GRADES

Courses are geared toward K-12 students and differentiated between grade bands.

A UNIQUE OR SPECIAL FOCUS OF THE PROGRAM

NextWaveSTEM courses focus on the exploration of emerging technologies - drones, robots, and inventions - through project-based learning.

THE PROGRAM'S IMPACT ON STUDENTS

NextWaveSTEM's impact sparks inspiration and curiosity in students with hands-on learning to acquire 21st century skills and solve real world problems for STEM careers.

SPECIFIC SKILLS STUDENTS WILL LEARN

Curiosity, critical thinking, courage, communication, collaboration, creativity and innovation, academic and technical skills, positive identity, career, and occupation exposure.

RESOURCES PROVIDED TO EDUCATORS

NextWaveSTEM provides certified STEM instructors and mentors, licensing of our courses for school use, professional development and training for K-12 teachers to support course implementations, and equipment to allow educators to deliver STEM with fidelity and confidence.

WEBSITE

<https://nextwavestem.com/>

CONTACT INFORMATION

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