



Nevada STEMList of Recommended STEM Programs

June 2024

NextWaveSTEM (NWS)



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, renewable energy, and more. 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 futhers 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 Population Grades or Ages

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

A Unique or Special Focus of the Program

NextWaveSTEM (NWS) courses focus on the exploration of emerging technologies - drones, robots, hydroponics, AI, Computer Science, and inventions - through project-based learning.

Impact on Participants

NextWaveSTEM's (NWS) 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

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

Resources Provided to Facilitators/Users

NextWaveSTEM (NWS) provides certified STEM instructors and mentors, licensing of our courses for schools, professional development for teachers to support course implementations, and industry equipment to deliver STEM with fidelity and confidence.

Website

<https://nextwavestem.com/>

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