



NextWaveSTEM

STEM Drones Education

*Bring Drones to your
School today!*



Lessons in drones offer learning opportunities in STEM subjects such as physics, coding, math and more!

At NextWaveSTEM®, we offer drone courses for students and professional development for teachers.

Introduction into Drones: Grades K - 2

Early learners answer the questions, "What are things that can fly?", "How do things fly?" and "What is a drone, and what can it do?" This course explores drones and programming through hands-on play.

Discovery of Drones: Grades 3 - 5

Students learn to operate drones safely in manual and autonomous flight scenarios and develop and expand block-coding skill sets to diversify the tasks that drones are able to accomplish.

Exploration of Drones: Grades 6 - 8

Students explore and apply how Unmanned Aerial Vehicles (drones) are used and function and will develop an understanding of how drones function and the real-world purposes for which they are used.

Creation & Evaluation of Drones: Grade 9 - 12

In this STEM course designed for 9-12th graders, students will integrate algebraic thinking and programmatic knowledge and use programming skills to navigate the Drone using the Droneblocks app.

Tools/ Software/ Technical Requirements:

Drone and Droneblocks app

YOU TEACH

nextwavestem.com/turn-key-stem-programming-solutions-for-schools

WE TEACH

nextwavestem.com/we-teach-stem