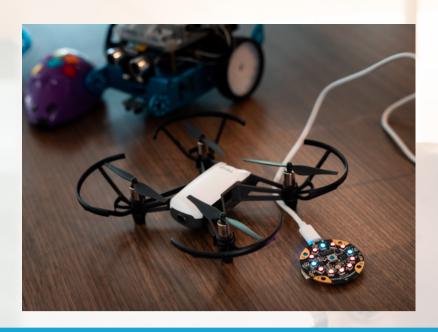


# STEM Drones Education

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.

## 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.

## **Discovery of Drones:**Grades 3 - 5

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

## **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

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