

DroneCurriculum.net

~ Curriculum Comparisons ~

Curriculum Package	Drone Essentials	Learn-to-Fly	Drone Theory & Design	Drone Design "Lite"	UAS Remote Pilot Certification
Curriculum ONLY Price	\$399	\$799	\$1599	\$999	\$1199
No. of Units	5	8	16	8	12 + 6 Supplements
Description	A 5-Unit comprehensive curriculum package that introduces DRONE THEORY and FLIGHT BASICS. This is a cost-effective way to introduce drone theory and flight basics into your current curriculum. There is an option to purchase DRONE FLIGHT SIMULATORS along with the curriculum to provide your students with a meaningful application of their knowledge. No flying skills or direct operation of actual drones are part of our "Drone Essentials" curriculum.	An 8-Unit comprehensive curriculum package that addresses essential concepts of DRONE TECHNOLOGY and includes FLYING ACTIVITIES that are aimed at enhancing student skills and understanding. Units 4 & 5 focus on progressive indoor activities intended to enhance flight skills. The toy drones recommended for the "Learn-to-Fly" curriculum are intended to be flown indoors only. Because the flying occurs indoors, these units are not under FAA oversight.	A 16-Unit comprehensive curriculum package that focuses on the fundamental principles of STEM EDUCATION. This curriculum is based on the engineering design process, meaning the students work in teams to design and solve activity challenges. This curriculum comes with the option to build 450mm drone kits with upgrade options such as GPS-capability and First-Person-View.	An 8-Unit comprehensive curriculum package that focuses on the basic understanding of DRONE DESIGN. This is a "lighter" version of the full "Drone Theory & Design" Curriculum. By comparison, this version has been truncated to 8 Units, thereby reducing some activities but retaining meaningful content. This version also comes with the option to build smaller 250mm drone kits.	A 12-Unit comprehensive curriculum package that covers all of the specific textbook information needed to successfully pass the FAA's General Knowledge Test (such as effects of weather, reading latitude and longitude coordinates, etc.). Because the Part 107 Exam is an objective multiple-choice test and does not require a demonstration of flight competency, no operation of drones that are under FAA oversight are part of our Remote Pilot curriculum.
Includes	Each unit contains student handouts, PowerPoint™ presentations, vocabulary lists with quizzes, student activities, a final unit quiz, and teacher lesson plans.	Each unit contains student handouts, PowerPoint™ presentations, vocabulary lists with quizzes, student activities, a final unit quiz, and teacher lesson plans.	Each unit contains student handouts, PowerPoint™ presentations, vocabulary lists with quizzes, STEM-based student activities, a final unit quiz, and teacher lesson plans.	Each unit contains student handouts, PowerPoint™ presentations, vocabulary lists with quizzes, student activities, a final unit quiz, and teacher lesson plans.	Each unit contains student handouts, PowerPoint™ presentations, vocabulary lists with quizzes, student activities, a final unit quiz, and teacher lesson plans. Includes 6 Supplements.
Timeline: Max / Min Days (1 day = 60-minute class)	Max: 27 Min: 17 (Max = if all activities are completed) (Min = if some activities are skipped)	Max: 52 Min: 30 (Max = if all activities are completed) (Min = if some activities are skipped)	Max: 84 Min: 50 (Written as a semester-long course if every activity is carried out.)	Max: 44 Min: 30 (Max = if all activities are completed) (Min = if some activities are skipped)	Max: 86 Min: 50 (Written as a semester-long course if every activity is carried out.)
Add-on Options	Drone Flight Simulators (\$180 ea.)	Indoor Toy Drones (\$80 ea.)	450mm Drone kits: - Curriculum w/2 Standard kits (\$2899) - Curriculum w/2 GPS kits (\$3499) - w/Standard Flight Controller (\$899 ea.) - w/GPS-capable Flight Controller (\$1299 ea.) - GPS Flight Controller ONLY (\$449) - Gimbal & Camera (NOT GoPro) (\$599) - FPV Option: (includes Googles & 5" Monitor) (\$249)	- Indoor Toy Drones (\$80 ea.) - Drone Flight Simulators (\$180 ea.) - 450mm Drone Kits (see 16-unit curriculum options)	Indoor Toy Drones (\$80 ea.)
Advantages	Perfect for schools that are not allowed to fly actual drones. Allows teachers to incorporate drone theory and flight basics into current curriculum. Perfect for after-school and summer programs too.	Perfect for after-school and summer programs, or for schools who want to incorporate drone theory into their current coursework. Gives students the hands-on experience of flying indoor drones. Drones are easy to fly right out of the box.	Full-semester STEM-based curriculum. Uses the engineering design process. Option to build 450mm drones from kits to enhance understanding.	Perfect for after-school and summer programs, or for schools who want to incorporate drone design into their current coursework. Option to build 450mm drone kits, use Drone Flight Simulators, or fly Indoor Toy Drones.	Full-semester STEM-based curriculum. At the end of the curriculum study, your students can take an online practice test that simulates the actual Remote Pilot Knowledge Test (60 questions from a pool of 300 questions).

NOTE: Curriculum units will be available for immediate download. Drone kits and other accessories are subject to in stock availability. Large orders may require additional lead-time. Because many of the items are ordered directly from China, please allow 2-6 weeks for shipment.