

# Florida Crosswalk Alignment

Alignment of Rocket Drones Intro to Drones 2026 (Middle/High), Classroom Drones, and Web Simulations programs to  
the Florida Department of Education CTE Curriculum Frameworks Agricultural Use of UAS Technology Program Number: 8005200, CIP Number: 0141039901, Grade: 11-12

SPINE	Course	Course Title	Activity Title	Activity Subtitle	FL Standards
PILOT-013	Classroom Drone	How to Fly	Step 1: Introduction		6.01
BUILD-001	Classroom Drone	How to Fly	Step 2: Classroom Rover Drone		7.01
PILOT-013	Classroom Drone	How to Fly	Step 3: Basic Flight Control		6.01
BUILD-001	Classroom Drone	How to Fly	Step 4: Batteries		7.01 7.02
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone and Controller Brief	Video #3	7.01
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone Arm the Motors	Video #4	7.01
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone Battery Charging	Video #6	7.01 7.02
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone Battery Safety	Video #7	7.01 7.02
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone Charging the Remote	Video #8	7.01 7.02
BUILD-002	Classroom Drone	How to Fly	Video: Classroom Drone Drift Trim	Video #10	7.07
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone headless mode	Video #12	7.01
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone Motor Cutoff	Video #13	7.01
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone Safety	Video #1	7.01 6.01
BUILD-004	Classroom Drone	How to Fly	Video: Classroom Drone Sensor Cal	Video #18	7.12
BUILD-004	Classroom Drone	How to Fly	Video: Classroom Drone Sensor Mode	Video #17	7.12
BUILD-002	Classroom Drone	How to Fly	Video: Classroom Drone Troubleshoot Multi Bind	Video #14	7.07
BUILD-002	Classroom Drone	How to Fly	Video: Classroom Drone Troubleshooting Drifting Drone	Video #9	7.07
BUILD-001	Classroom Drone	How to Fly	Video: Classroom Drone Unboxing	Video #2	7.01
BUILD-001	Classroom Drone	How to Fly	Video: Drone and Controller Brief		7.01
BUILD-001	Classroom Drone	How to Fly	Video: Drone Basic Flight		7.01
BUILD-001	Classroom Drone	How to Fly	Video: Drone Battery Safety		7.01 7.02
PILOT-099	Classroom Drone	Classroom Activities	Drone Drifting		14.05
PILOT-099	Classroom Drone	Classroom Flight Challenges	6. Gesture Control		14.05
PILOT-101	Classroom Drone	Space Force Challenges	7. Guardian Wingman		9.04
PILOT-003	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-1: Characteristics of Drones	Aerial drones	1.07
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-10: Characteristics of Drone	Article # 3 These drones are swallowing tons of plastic waste before it reaches the ocean	14.01
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-11: Characteristics of Drone	Quiz: Article 3	14.01

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PILOT-003	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-12: Characteristics of Drone	Optional Activities	1.07 14.01
PILOT-003	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-2: Characteristics of Drones	Quiz: Aerial drones Comprehension	1.07
PILOT-003	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-3: Characteristics of Drone	Ground-Based Drones	1.07
PILOT-003	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-4: Characteristics of Drone	Water-Based Drones	1.07
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-5: Characteristics of Drone	Explore: Exploring Further Into Drones	14.01
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-6: Characteristics of Drone	Article # 1: North Carolina's Civil Air Patrol Invests in 10 New Drones for Emergency Management	14.01
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-7: Characteristics of Drone	Quiz: Article 1	14.01
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-8: Characteristics of Drone	Article # 2 - Zipline drone delivers a shipment in Rwinkwavu, Rwanda on June 30, 2022.	14.01
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 1-9: Characteristics of Drone	Quiz: Article 2	14.01
PILOT-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-1: The History of Aerial Drones	The History of Aerial Drones	1 14.01
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-10: The History of Aerial Drones	Quiz: Article 3	15 1.0 14.01
CAREER-008	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-11: The History of Aerial Drones	Article 4: Drones:Fighting Poaching in Africa	19 1.0 14.01
CAREER-008	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-12: The History of Aerial Drones	Quiz: Article 4	19 1.0 14.01
PILOT-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-2: The History of Aerial Drones	Quiz: History of Aerial Drones	1
PILOT-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-3: The History of Aerial Drones	Explore 1: The Evolution of Drones	1
PILOT-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-4: The History of Aerial Drones	Explore 2: Drone Timeline	1
PILOT-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-5: The History of Aerial Drones	Article 1: Medical Deliveries by Drone in Australia	1
PILOT-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-6: The History of Aerial Drones	Quiz: Article 1	1
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-7: The History of Aerial Drones	Article 2: Autonomous Seed-Shooting Drones Can Plant 40,000 Trees a Day	15 1.0 14.01
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-8: The History of Aerial Drones	Quiz: Article 2	15 1.0 14.01

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CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 2-9: The History of Aerial Drones	Article 3: Study on Drones and Desert Locusts	15 1.0 14.01
PILOT-040	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 3-1: How Drones Fly	How Drones Fly	8.02
CAREER-008	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 3-10: How Drones Fly	Quiz: Article 2	19 14.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 3-11: How Drones Fly	Optional Activities	7.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 3-7: How Drones Fly	Article 1: Drones Navigate Unseen Environments with Liquid Neural Networks	7.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 3-8: How Drones Fly	Quiz: Article 1	7.01
CAREER-008	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 3-9: How Drones Fly	Article 2: Drones to the Rescue	19 14.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 4-1: Anatomy of an Aerial Drone	Anatomy of an Aerial Drone	7.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 4-2: Anatomy of an Aerial Drone	Quiz: Understanding Drones	7.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 4-3: Anatomy of an Aerial Drone	Extend: DC Motors	7.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 4-4: Anatomy of an Aerial Drone	Quiz - DC Motors	7.01
BUILD-003	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 4-5: Anatomy of an Aerial Drone	Extend: How a Battery Works	7.02
BUILD-003	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 4-6: Anatomy of an Aerial Drone	Quiz - Batteries	7.02
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 4-7: Anatomy of an Aerial Drone	Explore: Dissecting a Drone	7.01 7.02 7.07
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 5-1: Applications of Drones	Applications of Drones	15 14.01 19.0
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 5-12: Applications of Drones	Optional Activities	14.01
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 5-2: Applications of Drones	Quiz on Drones	15 14.01 19.0
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 5-5 Applications of Drones	Explore: Drones in the Workplace	14.01
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 5-8: Applications of Drones	Article 2: Drones help farmers monitor their fields	15
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 5-9: Applications of Drones	Quiz: Article 2	15

SPINE	Course	Course Title	Activity Title	Activity Subtitle	FL Standards
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 6-1: Careers in Uncrewed Systems	Careers in Uncrewed Systems	15 19.0 4.01 4.03 14.01
CAREER-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 6-2: Careers in Uncrewed Systems	Quiz: Careers in Uncrewed Systems	15 14.01 19.0
PILOT-080	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 6-3: Careers in Uncrewed Systems	Explore: Careers with Drones	14.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 6-4: Careers in Uncrewed Systems	Extend: Starting a Drone Business	7.01 13.01 14.01
BUILD-001	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 6-5: Careers in Uncrewed Systems	Optional ELA Extension: My Drone Business	7.01 13.01 14.01
PILOT-002	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 7-1: Drone Safety and Regulation	Drone Safety and Regulation	1.04 1.1 2.0 2.01 2.02 2.03 3.0 3.01 6.01 7.05 9.05 11.03
PILOT-002	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 7-2: Drone Safety and Regulation	Quiz: Drone Safety and Regulation	1.04 1.1 2.0 2.02 2.03 3.0 6.01 7.05 9.05 11.03
PILOT-050	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 7-3: Drone Safety and Regulation	Explore: Understanding Airspace	2.02 2.05
PILOT-084	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 7-8: Drone Safety and Regulation	Optional ELA/Social Studies	9.02 3.01 1.04 3.0
CAREER-008	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 8-2: Obtain Your FAA TRUST Certificate	Article 1: Drones for Whale Research	19 5.07
CAREER-008	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 8-3: Obtain Your FAA TRUST Certificate	Quiz: Article 1	19 5.07
PILOT-005	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 9-10: Drones & Careers in the US Space Force	Educational & Career Pathways Into the Space Force	1.01
PILOT-083	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 9-12: Drones & Careers in the US Space Force	Quiz: Drones and Unmanned Systems	5.07
PILOT-004	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 9-13: Drones & Careers in the US Space Force	Quiz: Educational & Career Pathways	1.03
PILOT-083	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 9-7: Drones & Careers in the US Space Force	Cybersecurity in US Space Force Careers	5.07
PILOT-083	Curriculum	2026 Intro to Drones (Middle/High)	Lesson 9-8: Drones & Careers in the US Space Force	Quiz: Cybersecurity	5.07
PILOT-099	Web Simulation	Classroom (Mission)	Sensors	Tutorial	14.05