AINautics
Air Innovations

LESSON PLAN

Lesson 5.1: Radio Communication Procedures

DESCRIPTION: In this lesson students will be able to become knowledgeable in radio communication procedures.	
See Remote Pilot Standard for Regulations: Remote Pilot – Small Unmanned Aircraft Systems Airman Certification Standards	

Knowledge: Students demonstrate an understanding of the following:

UA.V.A.K1	Airport operations with and without an operating control tower.
UA.V.A.K2	The description and use of a Common Traffic Advisory Frequency (CTAF) to monitor manned aircraft communication.
UA.V.A.K3	Recommended traffic advisory procedures used by manned aircraft pilots such as self-announcing or position and intentions.
UA.V.A.K4	Aeronautical advisory communication station (UNICOM) and associated communication procedures used by manned aircraft pilots.
UA.V.A.K5	Automated Terminal Information Service (ATIS).
UA.V.A.K6	Aircraft call signs and registration numbers.
UA.V.A.K7	The phonetic alphabet.
UA.V.A.K8	Phraseology: altitudes, directions, speed, and time.

Whole Class Discussion:

Use Guided Notes Handout to allow students to decipher information.

Suggested Lesson Activities:

Suggested Formative Assessments: CFU	**Suggested Summative Assessments:** Radio Communication Procedures Quiz

Suggested Extended Learning Activities:
Review Regulations Video

LESSON PLAN

Kahoot, Quizizz Activities
Journal Reflections
Quick-Write
Internet Connections
Provide students with a UAV Knowledge checklist to ensure they are grasping the content.

Other Resources/Handouts:

References: