

# LESSON PLAN

## Lesson 3.1: Sources of Weather

**DESCRIPTION:** In this lesson students will be able to become knowledgeable in the airspace classification.

See Remote Pilot Standard for Regulations:  
Remote Pilot – Small Unmanned Aircraft Systems Airman Certification Standards

**Knowledge:** Students demonstrate an understanding of the following:

UA.III.A.K1	Internet weather briefing and sources of weather available for flight planning purposes.
UA.III.A.K2	Aviation routine weather reports (METAR).
UA.III.A.K3	Terminal aerodrome forecasts (TAF).
UA.III.A.K4	Weather charts.
UA.III.A.K5	Automate surface observing systems (ASOS) and automated weather observing systems (AWOS).

**Whole Class Discussion:**

Watch AINautics Weather Video.

Use Guided Notes Handout to allow students to decipher information.

**Suggested Lesson Activities:**

**Suggested Formative Assessments:**  
CFU  
Quizzes

**Suggested Summative Assessments:**  
Sources of Weather Test

**Suggested Extended Learning Activities:**

Review Regulations Video  
Kahoot, Quizizz Activities

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

**Other Resources/Handouts:**

**References:**