

Aii Virtual Classroom: Teacher's Guide

Grades 1-4

We are excited that you are interested in Aii's lesson plans! Each plan is classroom-ready and calibrated to help propel you, fellow teachers, and your students to learn and engage with innovation and infrastructure in the world around them.



#LearnWithAii



Drones

Aii educates to encourage future leaders and innovators. This lesson will encourage kids to learn about things they see around them.

Time: 30-45 minutes

Materials: Pictures



Learning Objective:

1. Students know how to spell 'drone'
2. Students can name at least 2 different kinds of drones
3. Students know different uses for drones
4. Students know how fast drones can fly

Introduction:

Students will be introduced to drones! If you are unfamiliar with drones, please visit [this website](#) to learn more. This lesson is short and simple, but a little background knowledge is crucial.

Begin the Lesson

Start the lesson by showing your students a picture of a drone or if you have one handy, bring one in to show the class. Talk with them about what it looks like and if they have seen one before. Write the word 'drone' on the board and go through the learning objectives. Ask students to think of different ways drones could be used. Ask your class about what kinds of drones there are and write down what your students come up with. Circle which ones exist.

Drone Speed:

Ask your students how fast they think drones can fly. Have each student give their best guess and write them on the board from slowest to fastest. Explain that there is a range of speeds that drones can go and circle the numbers within that range.

Conclusion:

End with a class discussion. What problems can they think of that might require a drone to solve? Examples might be window washing tall buildings or spraying mosquito spray in the backyard! Ask students to think like an innovator - what could be added to a drone to make it better, faster, or more useful?