

# WEEK 7 - ROLL, PITCH & YAW



## ROLL, PITCH & YAW; BE AN AIRPLANE!

### Plan:

Read book

Review: What makes an airplane fly? (Bernoulli's Principle; air holds it up)

What are monoplanes, biplanes and triplanes?

What is the difference between prop planes and jet planes? What is an engine?

What is the cockpit? What does a yoke do? (Steer)  
What are the pedals for? (Rudder and brakes) What are the dials for? (Information about how the engine is doing, how fast the plane is going, how much fuel it has, where the plane is)

Point out the microphone.

Explain rudders, flaps, ailerons and tail and the four forces of flight.

What does an air traffic controller do?

Discuss seaplanes, gliders, aerobatics, firefighting planes, cargo, Air Force One

Discuss night flying and airport lights

"Be an airplane!" Rudder-Pedals-Yaw like a weathervane; Ailerons-Yoke-Roll side to side like a boat; Elevator-Yoke-Rock forward and back like a rocking horse

Activity Pages: Engine 1 & 2, In, You