

## Objective

By the end of this lesson, you will understand the basic science behind the F35 jet and how its design allows it to perform various maneuvers.

## Materials and Prep

- Pen and paper for notes
- Access to the internet for research

No prior knowledge needed, just come with your curious mind!

## Activities

- **Research Mission:** Use the internet to find information on the F35 jet. Look for details on its design, speed, and unique features.
- **Paper Airplane Challenge:** Create your own paper airplane design inspired by the F35. Test different designs and see which one flies the farthest.
- **Flight Simulation:** Try out a flight simulation game that features the F35. Experience what it's like to fly this advanced aircraft.

## Talking Points

- **Introduction to F35:** "The F35 is a cutting-edge fighter jet used by the military for various missions."
- **Stealth Technology:** "One of the key features of the F35 is its stealth capabilities, which make it difficult to detect by radar."
- **Vertical Takeoff:** "The F35 can perform a vertical takeoff, which means it can take off straight up like a rocket!"
- **Supersonic Speed:** "This jet can fly faster than the speed of sound, which is faster than a speeding bullet!"
- **Advanced Electronics:** "The F35 is equipped with advanced electronics that help the pilot navigate and engage with targets."