

**GRADES 1-4****Duration:**

45 minutes

**Materials:**Museum

Model airplane  
Wooden airplanes  
Stickers

Worksheets

Parts of an Airplane

**Key Terms:**

Engine, Wings, Fuselage,  
Horizontal and Vertical  
Stabilizers, Landing Gear

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**FLIGHT IN MOTION 1****Objective:**

Students will learn about the principles of flight, structural designs and different components of an airplane as they identify individual aircraft components using worksheets and wooden airplanes.

**Activity Overview:**

Students will identify the major components of an aircraft as well as discuss basic functions of each part, including Engine, Wings, Fuselage, Horizontal/Vertical Stabilizers and Landing Gear.

**Activities:**

1. Warm-Up
  - Have the students name their favorite type of vehicle and the reasons why they love it, which leads to our topic of airplane.
  - Discuss some basic information about airplane history with the students. Note that although there are many types of airplanes, they have similar components.
2. Parts of the Plane
  - Introduce main parts of an airplane to the students, including Engine, Wings, Fuselage, Horizontal/Vertical Stabilizers, and Landing Gear.
  - Ask the students what they think each part does to help the plane move and explain their basic function to students.
  - Have students take turn to touch each part of the model airplane.
3. Worksheet: Parts of an Airplane
  - Students practice coloring parts of an airplane and put the right stickers on each part of the plane on the worksheet.
4. Build the Plane
  - Each student is given a wooden airplane package and builds it as instructed.
  - They will name their airplane when finished, write the name on a sticker provided and paste it on their plane.
5. Review
  - Have the students identify and label the components of the model aircraft using sticky notes.
  - Students stand in line and fly their wooden planes to see which one flies the farthest.