

Aircraft

There are various ways of classifying aircraft. Here are some easy ways to break them down.

Methods of Lift	Propulsion	Undercarriage	Wings	Parts of an Aircraft	
Lighter-than-Air: Blimp Balloon	Unpowered Aircraft: Balloon Glider	Type: Wheels Floats Skis Skids	Type: High Wing Low Wing Biplane Triplane	Nose: Nosewheel Propeller Windscreen	Tail: Tailwheel Horizontal Stabilizer Elevators Vertical Stabilizer Rudder
Fixed-Wing: Glider Airplane	Powered Aircraft: Propeller Aircraft Jet Aircraft Rockets	Style: Tricycle Gear Taildragger Fixed Retractable	Empennage (Tail): Conventional T-Tail V-Tail	Wing: Leading Edge Trailing Edge Wing Tip Ailerons Flaps Spoilers Main Gear Struts Slats	General: Engine(s) Fuselage Engine Cowling Pylon
Rotorcraft: Helicopters Gyroplanes					

<http://quest.arc.nasa.gov/aero/wright/tunnels/glossary.html>

Homework

Be able to identify the parts of your Cessna 172.

Be able to describe what type of aircraft your Cessna 172 is, using the correct terminology for its method of lift, type of propulsion, and undercarriage.

Look at pictures of different types of aircraft in books or on the Internet and practice describing them using the terms you have learned.

Bonus:

Bring in a picture or model of an aircraft and describe it to the class.

