How Airplanes Fly

Activity Objective

- To gain understanding of the four forces of flight

Four forces of flight

Lift - upward
Drag - backward
Weight - downward
Thrust - forward

Four Forces of Flight Word Bank

Drag
Lift
Thrust
Gravity

Instructions

Use the above diagram and word bank to correctly complete the statements below.

___________ is produced by air flowing over the wings and the angle of the wing into the wind.

___________ is the forward movement produced by an engine driven propeller, jet, or rocket engine.

___________ is the force that pulls an aircraft down.

___________ slows the forward movement of an aircraft.

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