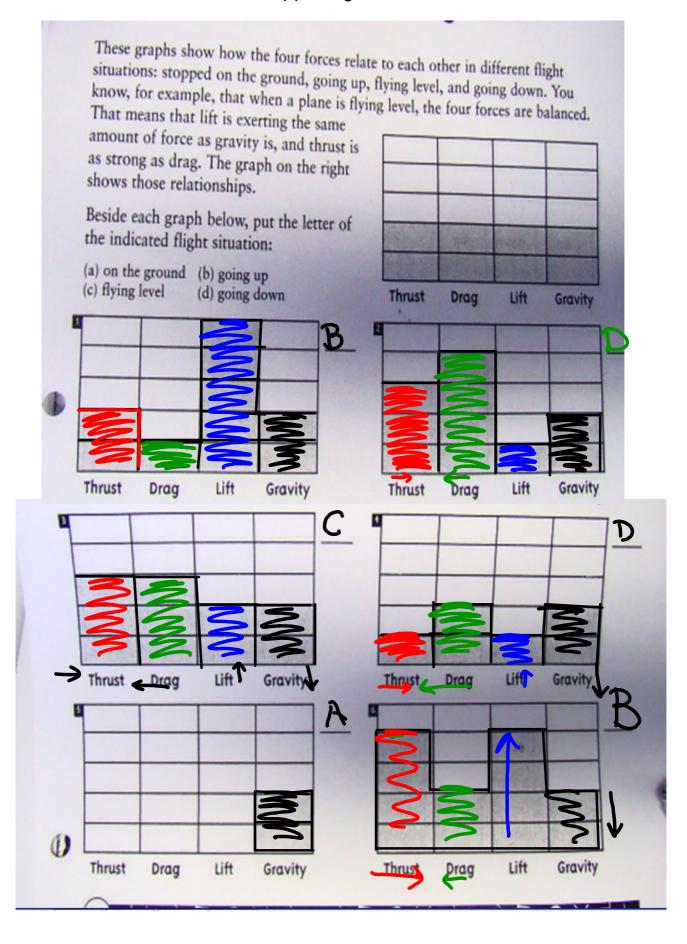
What's Happening Sheet



Parts of a Plane wing cockpit rudder spinner aileron

Credit - NASA

engine

<u>Ailerons</u> - These are the small surfaces located at the ends of the wings. If they are angled in opposite directions to each other (ie. the left aileron is lowered and the right aileron is raised), the plane will roll in the direction of the aileron.

fuselage

<u>Elevator</u> - The elevator can be controlled in an up and down motion. When angled up,the nose of the plane rises and when the elevator is lowered, the nose drops.

<u>Flaps</u> - Flaps are surfaces on the wings which can be raised or lowered to create additional lift or drag. They are used mainly during landing and takeoff.

<u>Fuselage</u> - The fuselage is the main body of the airplane.It can be used to carry cargo or passengers.

<u>Propeller</u> - The propeller creates the forward thrust to increase lift.

<u>Rudder</u> - The rudder is a flap which can be moved right or left. The nose of the plane will move in the direction of the turned rudder.

Wing - The wings permit lift to occur. This allows the plane to fly.