

Science of Flight

Activity Worksheet

1. Can it fly? (Write yes or no underneath them.)



Hot Air Balloon



Airplane



Penguin



Umbrella



Bumblebee



Balloons



Helicopter



Ostrich



Parrot

2. What Is Flight?

Flight is when something:

- A. Swims in water
- B. Moves through the air
- C. Moves on the ground

3. Match the Force: Draw a line to match the force to what it does.

<ul style="list-style-type: none">• Lift• Weight• Thrust• Drag	<ul style="list-style-type: none">• Pulls things down• Slows the aeroplane down• Moves the aeroplane forward• Pushes the aeroplane up
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4. Wings and Air: When air moves faster over the wing, what happens?

- A. The aeroplane is pushed up
- B. The aeroplane falls down
- C. Nothing happens

5. Which force pulls things down to the ground?

- A. Lift
- B. Weight (Gravity)
- C. Thrust

6. True or False?

- Aeroplanes are shaped like birds' wings to help them fly._____
- Aeroplanes fly because they are heavier than air, so gravity can't pull them down._____
- Pilots use flaps and ailerons (parts on the wings and tail) to steer up, down, and side-to-side._____
- A helicopter flies the same way an aeroplane does, with wings that stay still._____
- An aeroplane engine pushes air backwards to move the plane forward._____

Design your own plane! Choose

any colour, patterns, or objects you'd like to add.

