



# 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.

- |          |                               |
|----------|-------------------------------|
| • Lift   | • Pulls things down           |
| • Weight | • Slows the aeroplane down    |
| • Thrust | • Moves the aeroplane forward |
| • Drag   | • Pushes the aeroplane up     |

## 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.

