

# Investigating Parachutes **Method**

## Equipment List

material for parachute e.g. bin liners

string

scissors

ruler

paperclips

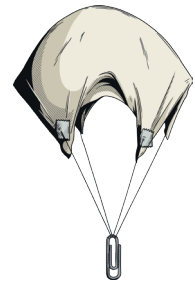
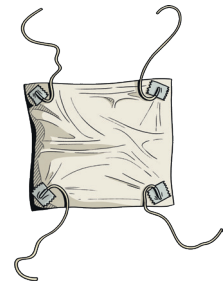
sticky tape

stopwatch

paperclips

## Preparing Your Parachutes

1. Use a ruler to draw a 30cm × 30cm square on the material.
2. Cut out the square.
3. Cut four lengths of string 30cm in length.
4. Tape a piece of string to each corner of the square.
5. Attach the other end of each string to the paperclip.
6. Repeat for squares with sides of 25cm, 20cm and 15cm.



## Collecting Your Data

1. Drop your parachute from a height and start the stopwatch.
2. Stop the stopwatch when the parachute hits the ground.
3. Repeat three times from the same height.
4. Repeat for the other parachute sizes.