



# Twister Investigation

## Year 7 Science

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### Assessment 5 - Investigation (10%)

#### **The Investigation:**

Your teacher will show you how to make a paper twister (helicopter) that spins round in the air as it falls.

With a partner, you will design an experiment to investigate what factor will affect how fast the twister falls.

**BRAINSTORM THE DIFFERENT VARIABLES THAT YOU THINK WILL AFFECT HOW FAST THE TWISTER FALLS.**

#### **The Task:**

You will be required to complete a laboratory experiment to investigate what factor will affect how fast the twister falls.

You will need to follow an experimental procedure, record and analyse your results, discuss and explain your results using scientific knowledge, draw a suitable conclusion and evaluate the effectiveness of your practical method.

You must write up a full practical report. You must type the good copy and have it presented neatly using the appropriate sub headings.

Your diagram should be hand drawn (either on paper and scanned, or on Notability) and your graph must be hand drawn on graph paper or on Notability

Use the marking key to assist you in developing your report.

## Twister Template:

Cut around the outside.

Cut the middle line on the top section.

Fold the top flaps down (one to the right and one to the left)

Fold the bottom square up and secure with a paperclip.

