



Written Language:

Storing knowledge

Investigating paper properties

1 You have been provided with five different paper samples. Plan and carry out investigations to test the different papers' properties.

- How strong is it?
- How much water can it absorb?
- How waterproof is a paper sample?

You could use the following equipment:

- 250ml beakers
- 10ml measuring cylinders
- 250ml measuring cylinders
- Petri dishes
- Pipettes
- Elastic bands
- Tape
- Retort stands, bosses and clamps
- Pencils
- Rulers
- Stop clocks
- Hole punch
- 10g masses with hanger
- Scissors

Remember, think:

- Fairness
- Precision
- Reliability
- Accuracy
- Safety

2 Rank the papers for each property. Start with the best and end with the worst.

3 Produce an exhibition made up of three poster boards to communicate the outcomes of your investigations. Make your exhibition, eye catching, clear, and easy to read. It should summarise the key outcomes of your investigations.

The exhibition must include:

- Title
- Hypothesis
- Method
- Results
- Discussion
- Conclusion
- Evaluation