

There are different ways of measuring the rate of reaction. Sketch a diagram of the equipment and state any advantages or disadvantages.

Method 1 – Disappearing Cross Method

Method 2 – Mass Balance Loss

Method 3 – Gas Syringe

Method 4 – Upward Delivery

### PAG C8 – Measuring Rates of Reaction

Choose one of the methods and write a detailed method.

Sketch a graph which you might obtain from this experiment.

How could this graph be used to calculate the rate of reaction?

Sketch an empty results table for one of the experiments

Risk Assessment for one of the experiments

Hazards (What is causing the danger)	Risk Level (low, medium or high)	Precaution (What you must do to reduce the risk)	Remedy (What to do if a problem occurs)

Evaluation - What problems might you encounter during the experiment?

What improvements could you make to the experiment so that better results could be obtained?