



GCSE PRACTICAL 18

PRACTICAL – Effect of concentration on rate 1

Apparatus & chemicals	Each pupil/group needs: <ul style="list-style-type: none">• stand, boss, clamp• 100 cm³ gas syringe• adapter with bung to connect boiling tube to syringe• boiling tube• boiling tube rack• stopwatch• 10 cm³ measuring cylinder• 25 cm³ measuring cylinder	General apparatus: <ul style="list-style-type: none">• emery paper / sand paper to sand down magnesium ribbon	Chemicals <ul style="list-style-type: none">• 2.0 mol/dm³ hydrochloric acid (80 cm³ per group)• 5 x 3 cm strip of Mg ribbon (for each group)
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You need to carry out a risk assessment before doing this practical