

Year 12 Chemistry Kit

Items	Image	Quantity
Buffer solution pH 7 - 40ml		1
Buffer solution pH 10 - 40ml		1
Buffer solution pH 4 - 40ml Note: Calibration prior to performing a pH measurement should be carried out at two pH values either side of the expected pH		1
Calcium Carbonate, Powdered 200g Safety Data Sheet Attached		1
Calcium Carbonate marble chips 200g (Small size chips) Safety Data Sheet Attached		1
Calcium Carbonate marble chips, 200g (large size chips) Safety Data Sheet Attached		1
Filter paper, round		12
Molymod Kit		1
Petri Dishes (disposable)		6
Pipette, plastic, disposable		6
Potassium chloride - 50ml 4M Note: pH probe storage solution to prevent drying out and cracking of the glass electrode		
Beaker, glass, 250ml		3
Filter funnel, small		1
Measuring cylinder 10ml, glass		1
Measuring cylinder 50ml, glass		1

Measuring cylinder 100ml, glass		1
Pipette bulb filler, rubber.		1
Pipette bulb, glass, 25ml		1
Retort stand (4 pieces: base, bolt, washer & stand)		1
Spatula, metal		1
Stirring rod		1
Wash bottle, plastic.		1
Digital Bench Scale		1
pH Sensor – Wireless * Important Note: Always keep the pH electrode moist. Store the electrode in a solution of 4 M KCl. If 4 M KCl is not available, use a pH 4 or 7 buffer solution. DO NOT store electrode in distilled or deionized water—this will cause ions to leach out of the glass bulb and render the electrode.		1
Drop Counter –Pasco, Wireless, (6 items) *		1