

Year 11 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	Barcode RES	
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.	Barcode RES	
Drop Counter –Pasco, Wireless, (6 items) *		1