

Mock analysis Combined Science Trilogy Paper 1

Foundation Tier

B1F		Total marks	Progress
2.2	Surface area: volume ratio	4	
3.5	RP using a microscope	1	
3.6		1	
3.7		1	
4.3	Magnification calculation	3	
4.4	Independent variables	1	
C1F			
2.1	Electrolysis RP	1	
2.2		1	
2.3		2	
2.4		2	
2.5	Calculating gradient of a line	3	
4.2	Chemical calculations	1	
5.3	Use of sig figs	3	
6.2	Control variables	2	
6.3	Independent variable	1	
6.5	Chemical calculations concentration	3	
7.5	Chemical calculations %by mass	3	
P1F			
1.4	Repeatability	1	
1.5	Formula calculate	2	
1.6	Formula recall	1	
1.8	Formula calculate	2	
2.1	Control variables	1	
2.2	Types of errors	1	
2.3	Anomalous results	1	
2.5	Formula calculate	2	
2.7	Formula calculate and sig fig	3	
4.2	Line graph	2	
4.6	Quality of evidence	1	
5.3	Formula calculate	2	
5.5	Formula recall (SD)	1	
5.6	Formula calculate	3	
6.5	Formula recall (SD)	1	
6.6	Formula calculate	3	
7.2	Formula apply (Equations sheet)	3	
7.4	Extended response - explain	6	

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Higher Tier

B1H		Total marks	Progress
3.4	Draw line graph	3	
4.6	SA:vol ratio applied	5	
5.1	Magnification calculation	4	
5.2	RP using a microscope	4	
C1H			
1.2	Control variables	2	
1.3	Independent variable	1	
1.5	Chemical calculations concentration	3	
2.5	Chemical calculations %by mass	3	
4.6	Multiplying using standard form	2	
5.1	Electrolysis RP	1	
5.2		2	
5.3		2	
5.4		2	
5.5	Gradient of a line	3	
5.6		1	
5.7	Gradient of a line	3	
P1H			
1.5	Formula recall (SD)	1	
1.6	Formula calculate	3	
2.2	Formula apply (Equations sheet)	3	
3.2	Formula unit conversion	4	
5.2	Control variables	1	
5.5	Formula recall apply sig fig (HD)	5	