

Circle your target level

Each section done right is worth one mark

Use this to work out how much you need to do.

KS3 Practical Mark Scheme		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		3c	3b	3a	4c	4b	4a	5c	5b	5a	6c	6b	6a	7c	7b	7a															
Section 1																	Section 2														
Hypothesis																	Practical Skill														
<p>M1 State a reasonable hypothesis (prediction).</p> <p>M2 Explain hypothesis (prediction) using accurate science.</p>																	<p>P1 You have demonstrated that you can measure accurately. This means you are measuring to the nearest 0.1g in solids or the nearest 0.5ml in liquids.</p>														
Diagram																	Graph														
<p>D1 State some equipment.</p> <p>D2 State all of the equipment needed.</p> <p>D3 Draw a scientific diagram in pencil, with a ruler.</p>																	<p>G1 Your graph has a sensible x (across) axis, labelled with units.</p> <p>G2 Your graph has a sensible y axis (up) with units.</p> <p>G3 Your graph has its points plotted in the right places in pencil.</p> <p>G4 Your graph has a line of best fit, or a sentence saying there is no correlation if there is none.</p>														
Variables																	Analysis														
<p>V1 Stated your independent variable.</p> <p>V2 Stated your dependent variable.</p> <p>V3 Stated 2 or more controlled variables.</p> <p>V4 Explained how you have controlled these two variables.</p>																	<p>A1 You have stated whether your results supports your prediction or not.</p> <p>A2 You have used two points of data (numbers) to describe how your results supports your prediction or not.</p> <p>A3 You have referred to overall trend in your graph, and whether this supports or not your prediction.</p>														
Method																	Context														
<p>M1 Written a step by step method with most of the steps.</p> <p>M2 Described in detail all of the steps, including how to record measurements.</p> <p>M3 If I follow your method I will get accurate results.</p> <p>M4 There is no spelling errors, or punctuation missing from your method.</p> <p>M5 Your method explains why you will need to repeat the experiment.</p>																	<p>C1 You have stated a real life context where the results of this experiment apply.</p> <p>C2 You have explained how the trend in your results would apply to this real life context.</p>														
Risk Assessment																	Evaluation														
<p>R1 You have stated two risks and how to prevent them.</p> <p>R2 You have stated what you will do if someone is hurt with these two risks (remedial actions).</p>																	<p>E1 You have stated one source of error in your method/results. This cannot be human error.</p> <p>E2 You have described how you could reduce this error if you repeated the experiment.</p>														
Table																															
<p>T1 Your results table has your variables as headings.</p> <p>T2 Your results table includes appropriate units for all of your headings.</p>																															
		Section 1 Total		/18		Section 2 Total		/12		Practical total		/30																			

This is based on the accuracy of your measurements and how safe you are during the practical.

The maximum mark you can get is 30

The sections everyone should be doing this lesson