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

Hypothesis

H1 State a reasonable hypothesis (prediction).

H2 Explain hypothesis (prediction) using accurate science.

Diagram

D1 State some equipment.

D2 State all of the equipment needed.

D3 Draw a scientific diagram in pencil, with a ruler.

Variables

V1 Stated your independent variable.

V2 Stated your dependent variable.

V3 Stated 2 or more controlled variables.

V4 Explained how you have controlled these two variables.

Method

M1 Written a step by step method with most of the steps.

M2 Described in detail all of the steps, including how to record measurements.

M3 If I follow your method I will get accurate results.

M4 There is no spelling errors, or punctuation missing from your method.

M5 Your method explains why you will need to repeat the experiment.

Risk Assessment

R1 You have stated two risks and how to prevent them.

R2 You have stated what you will do if someone is hurt with these two risks (remedial actions).

Table

T1 Your results table has your variables as headings.

T2 Your results table includes appropriate units for all of your headings.

Section 2

Practical Skill

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.

Graph

G1 Your graph has a sensible x (across) axis, labelled with units.

G2 Your graph has a sensible y axis (up) with units.

G3 Your graph has it's points plotted in the right places in pencil.

G4 Your graph has a line of best fit, or a sentence saying there is no correlation if there is none.

Analysis

A1 You have stated wether your results supports your prediction of not.

A2 You have used two points of data (numbers) to describe how your results supports your prediction or not.

A3 You have referred to overall trend in your graph, and wether this supports or not your prediction.

Context

C1You have stated a real life context where the results of this experiment apply.

C2 You have explained how the trend in your results would apply to this real life context.

Evaluation

E1 You have stated one source of error in your method/results. This cannot be human error.

E2 You have described how you could reduce this error if you repeated the experiment.

Section 1 Total	/18	Section 2 Total	/12	Practical total	/30