

Science CBA 1

Extended Experimental Investigation

Student Name: _____

Teacher: _____

Topic of Investigation: _____

Date: _____

My Aim/What I am going to investigate:

My Research:

Source	What I learned	Author/Website etc

My Hypothesis: (If ... then ... because)

My Prediction:

My Variables:

What I will change?	What will I measure?	What will I keep the same?

My Experiment:

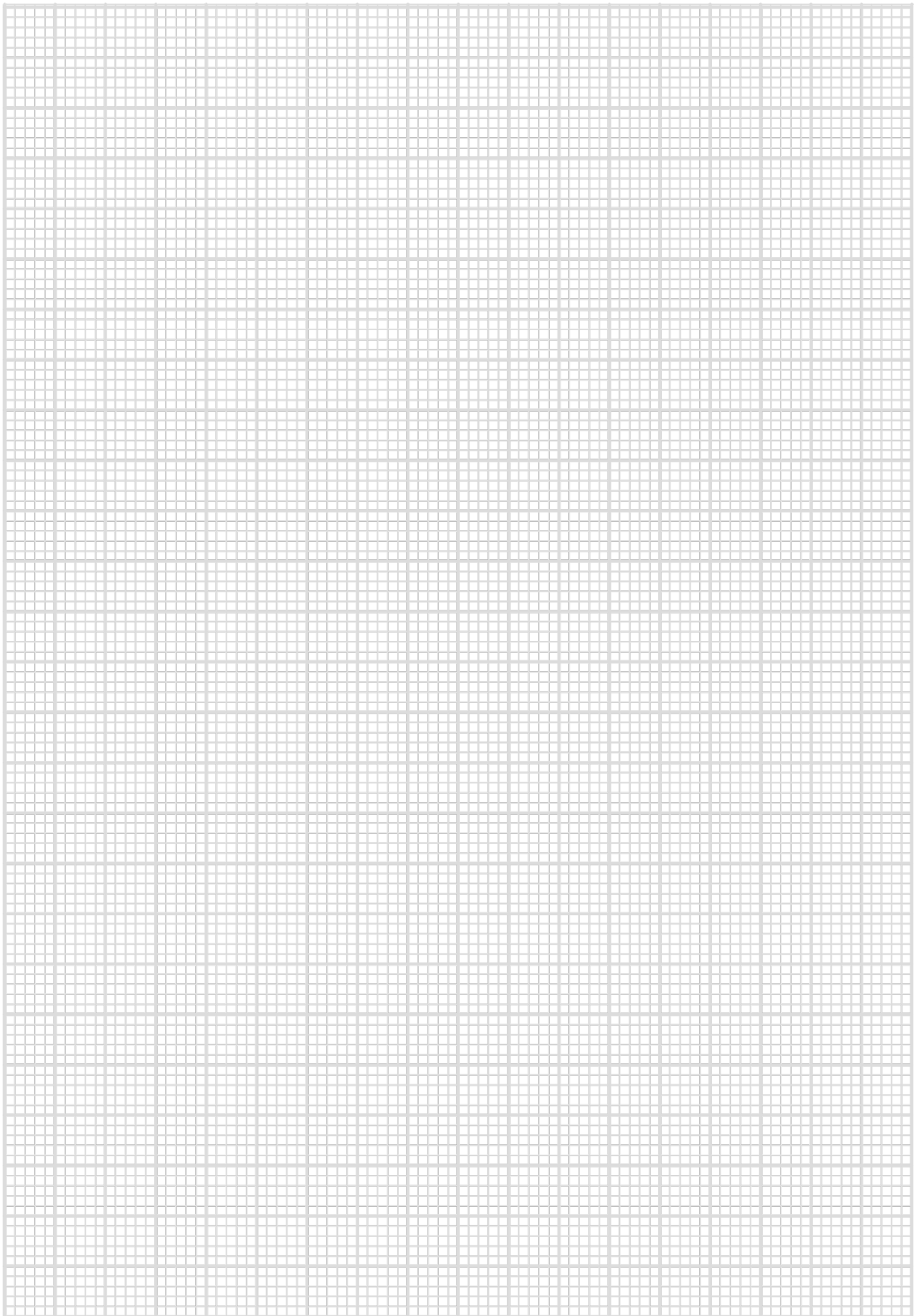
To make my experiment Fair	To make my experiment Accurate	To make my experiment Reliable	To make my experiment Safe

My Equipment: (List the apparatus you will use)

My Diagram: (How you will set up your apparatus. Remember - Pencil, Ruler, Labels)



My Graph: (Draw a suitable graph of your results. Remember – title, suitable scale, labelled axes, accurate plots)



My Conclusion: (Describe any patterns in your results, use your research and knowledge to explain why this pattern occurred, do you have any anomalous (odd) results that don't seem to fit the pattern, is your Hypothesis supported)

My Evaluation:

(A good investigation should achieve results that are Reliable and Valid - Fair & Accurate. Comment on your investigation in terms of these things)

Are My Results Valid?	Are My Results Reliable?

How could I make my Investigation better/more accurate?	What further Investigations would you like to carry out?

Student Signature: _____

Date: _____