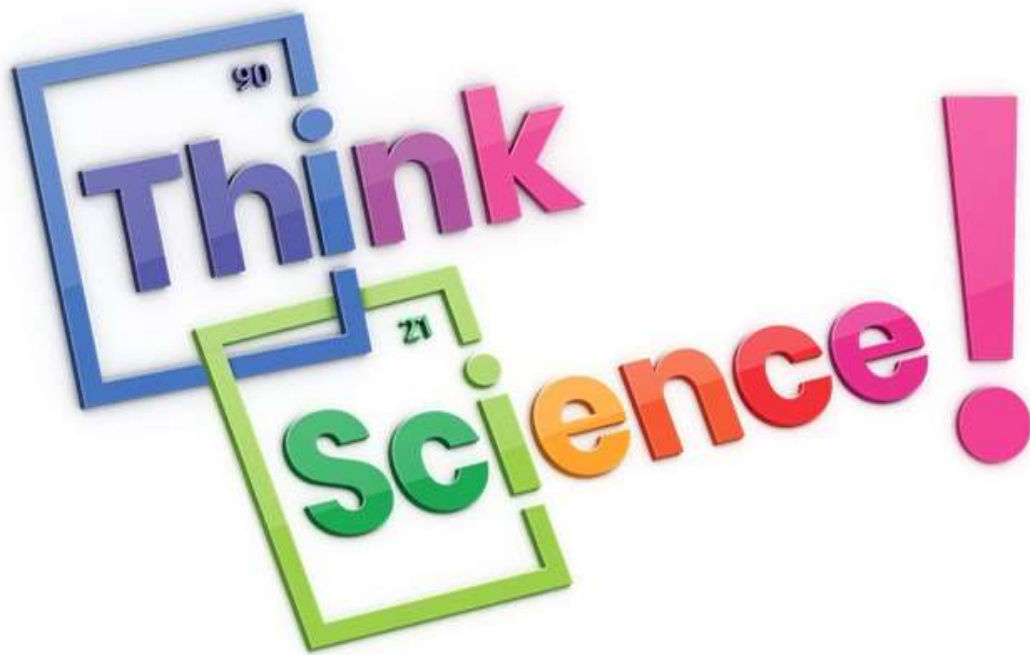


Name _____

Class _____

My



Logbook



Questioning and predicting

What are you investigating? What question do you want to answer in your investigation?

What do you think will happen in your investigation and why? This is called a 'prediction'.

Explain why you have picked this investigation topic:

Show your question to your teacher. Do they approve of your investigation topic?

Teacher's initials



Planning and conducting your investigation

List the materials and equipment you will need for your investigation:

What are you going to do? List the steps of your investigation. Tip: Think about using numbers to label each step.

Describe how you will conduct a fair test. What will you change in your investigation? What will you keep the same? What will you measure?

Describe how you will conduct the investigation safely:

List the members of your team and explain what their roles in the investigation will be:

Investigation records

Draw a diagram or diagrams (with labels) of what your investigation looked like:

Write down what you observed during your investigation:

Did you take any measurements? If so, record them here:



Processing, modelling and analysing your results

Think of a way to present the results of your investigation (for example a table or a graph). Use the space below to present your results.

What do you notice about the results you have collected?

Can you see any patterns and relationships in your results?



Evaluating your investigation

Compare your results to your prediction. Explain why you think your results were the same or different:

Do you think your investigation was a good way to test your question and prediction? Was it a fair test? Explain your answer.

Is there anything that you would do differently if you did this investigation again?

If you did the same experiment as another team how did your results compare to others?

Can you suggest any questions for further investigation?

From your results what is your answer (or conclusion) to your investigation's question and prediction?



Communicating your investigation

Create a mind map of how you will communicate your investigation information in your video.

What is the title of your investigation's video?
