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Planning

To make this investigation successful we need to.....

The independent variable in my experiment.....

We measured the dependent variable by....

To make it a fair test, we will control the control variables like...

It is important we do this in an investigation because it....

DINs:

What are our success criteria? What are the instructions for our investigation? How will we make this a fair test?

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Prediction

I think

DINs:

What do you think will happen? Explain why you think this using prior knowledge and scientific vocabulary precisely? (2 ER words) Can you link this to the independent and dependent variables?

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Diagram

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Results

Table and graph



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Conclusion

I found out that...

My results show...

The data shows that...

My prediction was correct because...

My prediction was incorrect because...

The evidence suggests that...

This investigation showed that...

From my observations, I can conclude...

It is clear that...

My graph shows...

I think this happened because...

An example of this is...

DINs:

What did you notice about the results? (2 ER words) What does this tell us? Can you see a pattern? Are your results accurate? Is there another way your results could have been presented? Where was your biggest change in data? Why was that? Where do you think you may have an anomaly in your results? Why?





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Reflecting

If I did this again I would change.....
This would improve the investigation because.....

DINs:

What worked well? What didn't work well? Why?

What were your anomalies? Was your prediction successful?

Where could you apply this information be used in the real world?

Have you evaluated your success criteria?



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