

COMPONENT 1: Setting the Context

Prior Knowledge

Draw or write what you think you already know about your topic. Label your drawing using words and arrows.



I think I already know that _____

_____.

COMPONENT 2: Planning the Investigation

Question

Our science fair question is _____

_____.

Prediction

Draw or write what you predict will happen.

I predict that _____

because _____
_____.

Methods & Tools

Methods are the steps you will follow to do your investigation. Draw a picture of how you'll do your investigation or what tools you'll use. Use labels.

We will need _____

_____.

COMPONENT 3: Data Collection & Organization

Data Collection & Organization

This is what happened.

COMPONENT 4: Making Sense of Data

Claims & Evidence

What did you learn from your investigation?

- I think/claim ___ because ___. OR
- I think/claim ___. My evidence is ___.

I think _____
_____.

My evidence is _____

_____.

Conclusion

Now answer your original question.

- I conclude that ___.

I conclude that _____

_____.

COMPONENT 5: Final Reflection

Reflection

If I were to do this again, I would _____

_____.

A new question I have is _____

_____.