



THE SCIENTIFIC METHOD

Purpose:
or Problem:

What do you want to know?

- What question will you answer?

Hypothesis:

What do you think will happen?

- What do you already know about this topic?
- What could you find out from research?
- Why do you think that will happen?

Materials:

What items do you need?

- How much or how many of each item?

Procedure:

What steps do you follow?

- Are they in a logical order?
- Are they numbered?
- Did you miss or assume any steps?

Observations:

What happened?

- What did you notice with your senses?
- What data did you collect?
- Can you organized it into a chart or graph?

Conclusion:

What did you learn?

- Was your hypothesis correct? Why/why not?
- Why did it happen?