

Problem Solving

Things we can change are

Things we can measure are

Problem Sorting

The one thing we will change is

The one thing we will measure is

The things we will keep the same are

Report Writing

We want to find out what things affect ...

In our test we will keep these things the same:

We think that if we increase the

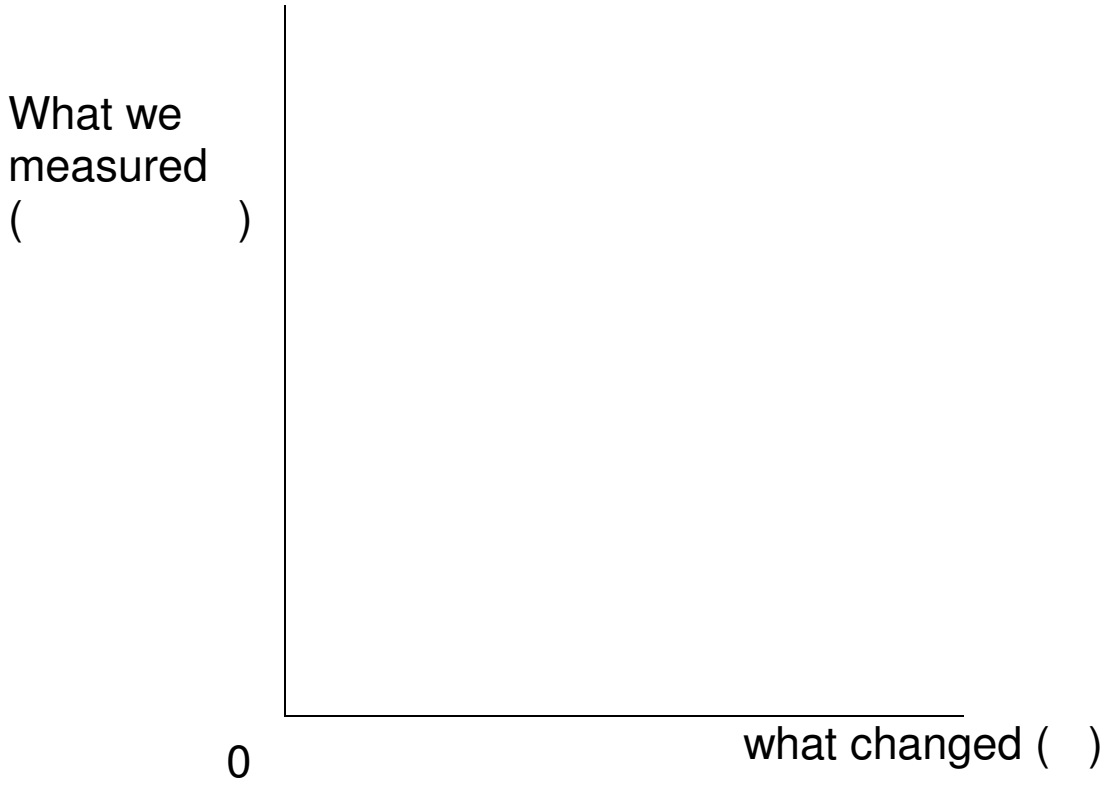
the measurements we record of the

will .... (increase / decrease / stay the same).

Results Table

What we changed ( )	**What we measured ( )**

Graph



What did I learn?

I found out that....

I would like to know more about....

I enjoyed .....

I need help with....

The ~~Sorcerers~~ Scientists Apprentice

Part One:

Scientists think of new ideas to explain what happens around us. The idea is called a **hypothesis**. A scientist will think, "If I am right I can guess what will happen in the future". This is called making a **prediction.** A good scientist will always try to test their hypothesis to see if it matches the prediction. The test must be done carefully so that it is fair and honest. At the end of the test the scientists thinks "What did the test show me?". This is called forming a **conclusion**. Last of all, but most importantly, a scientists asks "Do I need to change my ideas?"

Part Two: Copy and answer the questions below:

1. What was your hypothesis?
2. What was your prediction?
3. How did you try to carry out a fair test?
4. What was your conclusion?
5. What did your conclusion tell you about your hypothesis?