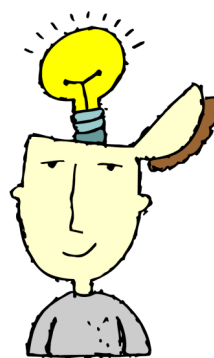


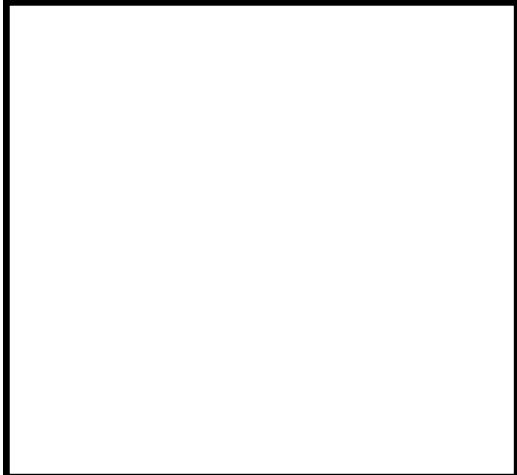
What is the Scientific Method?



How Many Steps are in the Scientific Method?



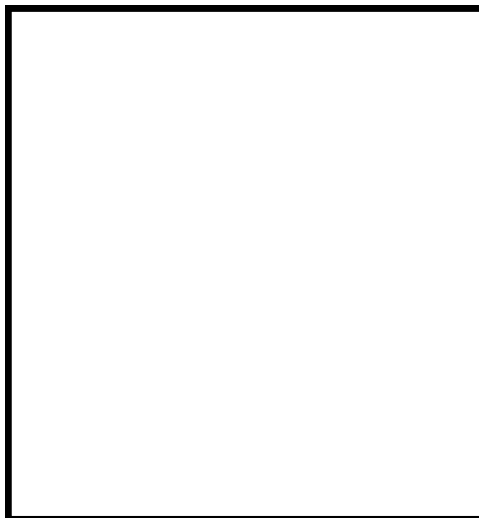
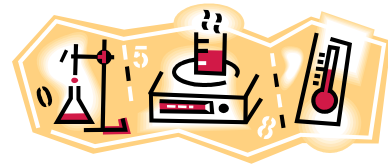
What is a Hypothesis?



What is an Independent Variable?

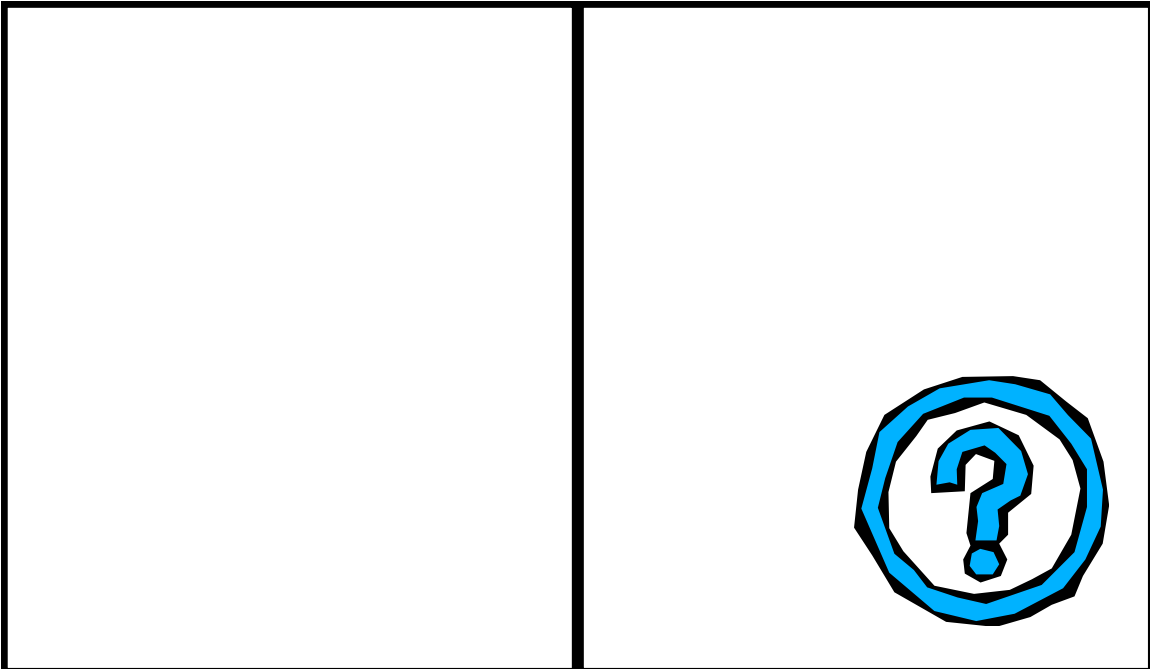
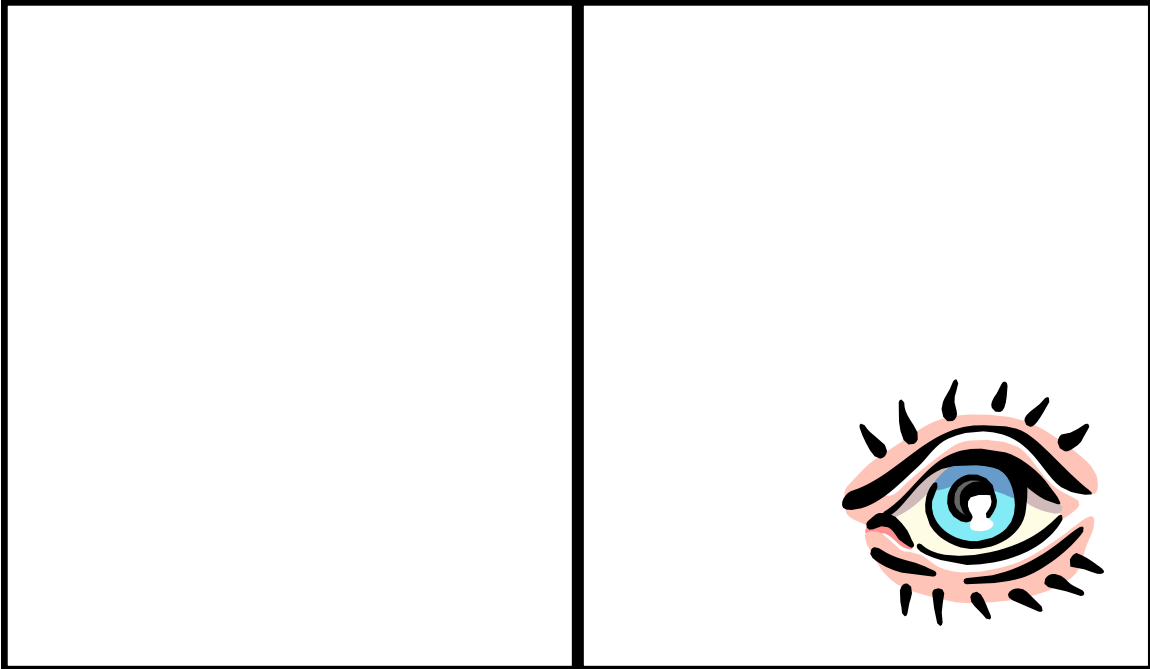


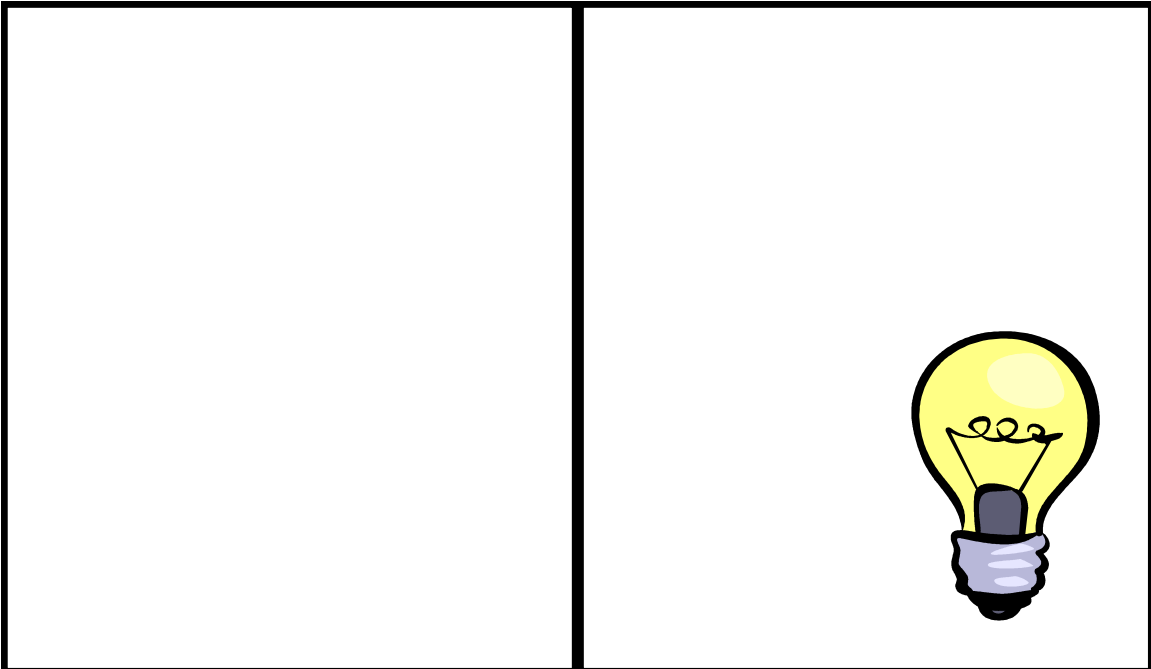
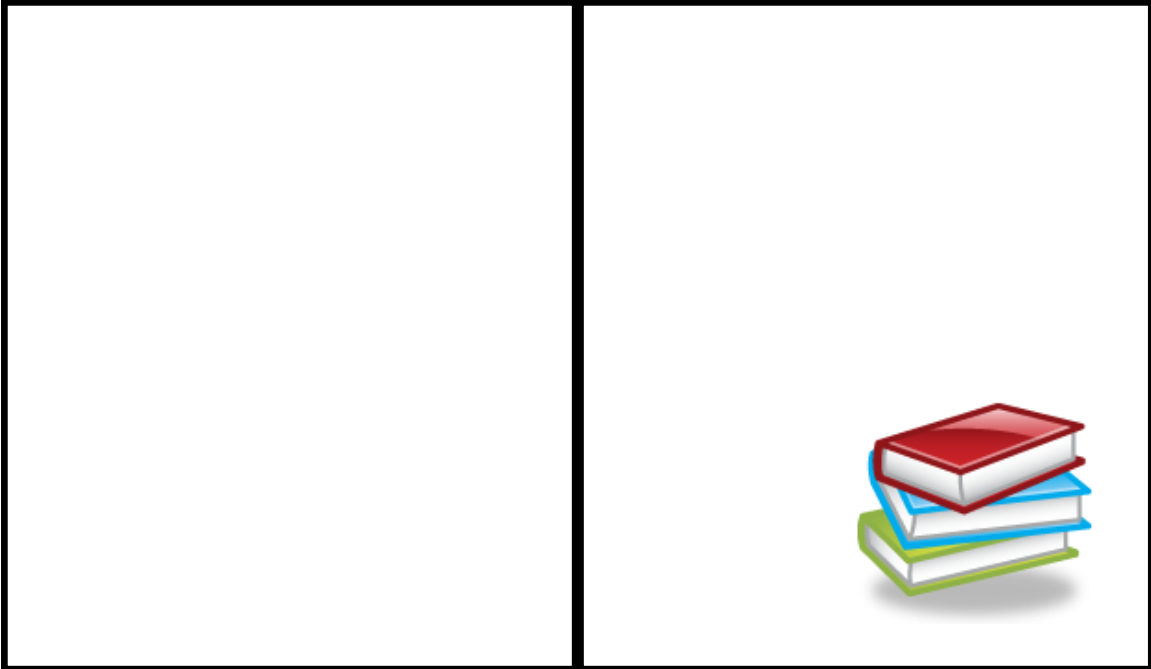
What is a Dependent Variable?

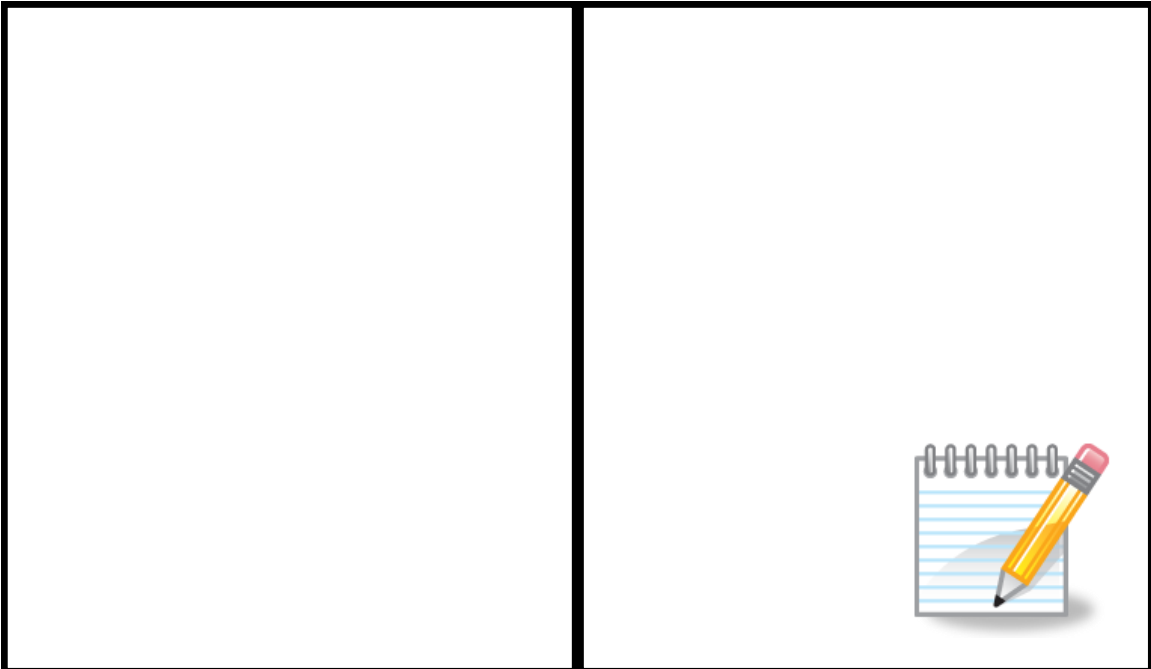
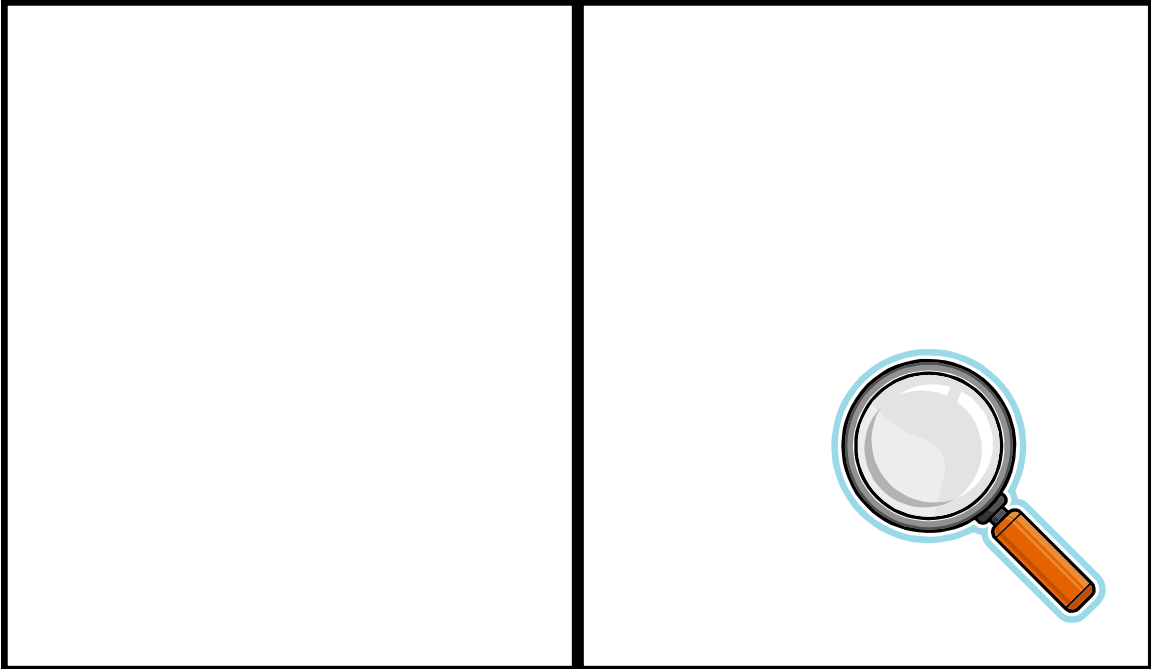


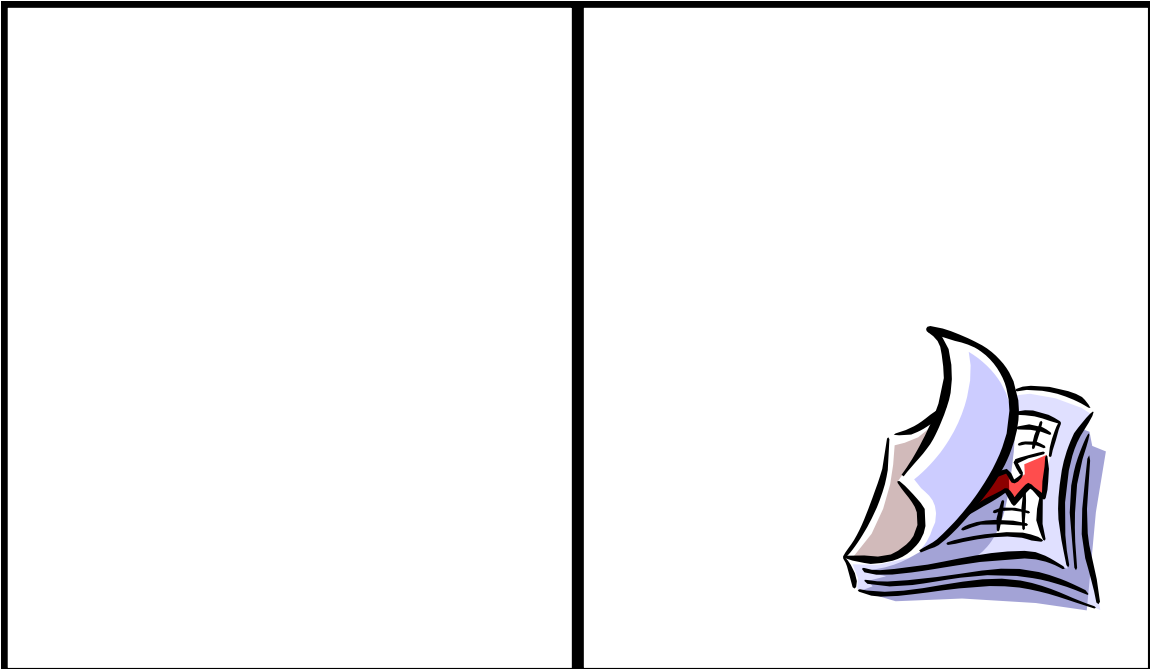
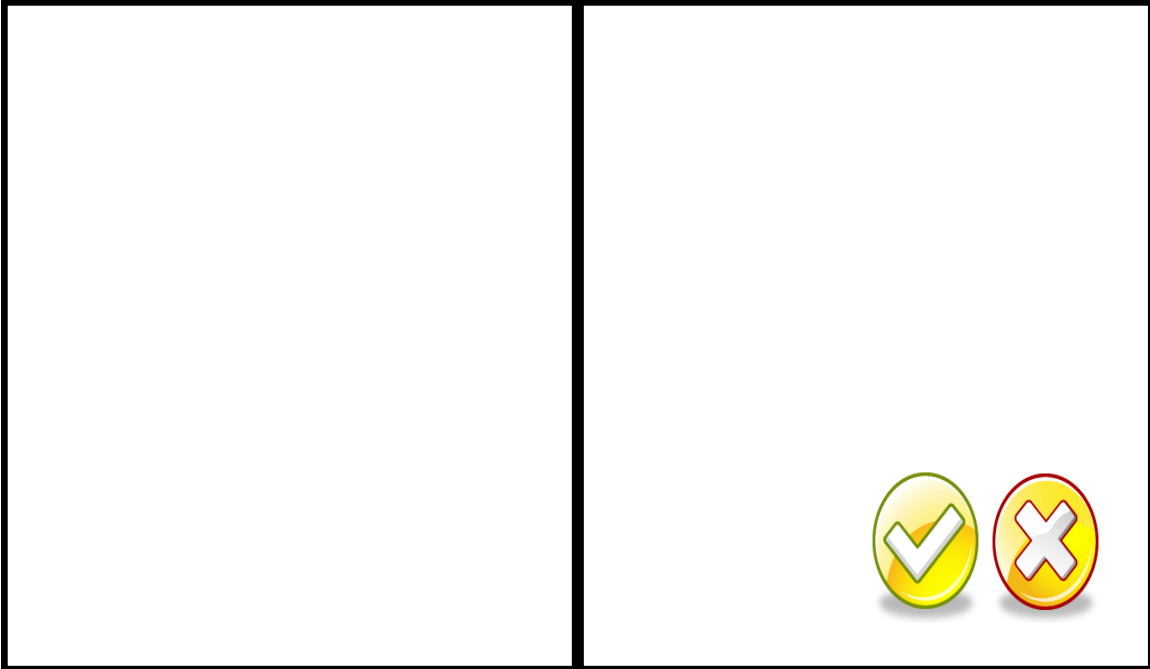
What is a Controlled Variable?











The following information can be used to answer the questions to the mini-books on page one.

### **What is the Scientific Method?**

It is a way to discover answers to questions we have about the world around us using observation and theory to test a scientific hypothesis.

### **How Many Steps are in the Scientific Method?**

It varies depending on the version you are using. Some have more steps than others, but all versions begin with a question to be answered or a problem to be solved and contain a hypothesis and an experiment to prove or disprove it.

### **What is a Hypothesis?**

It is an educated guess based on observations and knowledge of a subject. It should be something that can be easily measured by completing an experiment.

## **Variables:**

### **Independent Variable:**

What the scientist will be changing during the experiment

### **Dependent Variable:**

What the scientist will be measuring or observing.

### **Controlled Variable:**

What the scientist keeps the same during the experiment.

## **Mini-books for the steps of the Scientific Method:**

The mini books on pages 3-6 can be used to define each step of the scientific method, or they can be used as mini-books to record information on any experiment you are working on.

You will find information on each of these steps in the Scientific Method Notebook Pages that I have Created.

There is room on the front of each book to make a statement or write a question.