

Planning experiments and variables

Guided reading



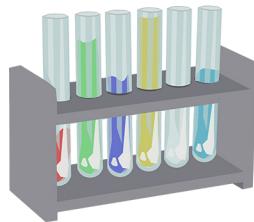
In science, a variable is something that can be changed, measured or controlled in an experiment.

There are three kinds of variables: Independent variables, dependent variables and controlled variables.

Variables are important because they help scientists understand how different things are connected.

Once scientists have identified their variables, the next step is to form a question, which scientists hope to answer at the end of their investigation or experiment.

Once you have decided on your question, the next step is to decide how you will go about collecting information and answering the question. This is called the method.



Questions

1. What is a variable?

2. Why are variables important?

3. What is 'the method'?

