

SCIENCE

EXPERIMENTS





# Science Experiments







# Chapter 1

# **Scientists**





Scientists study things.

We call this research.



Scientists test ideas.



We call this an experiment.





## Chapter 2

# Steps in an Experiment





Before an experiment, scientists ask a question.



This helps scientists know what they will test.



Next, scientists have to get information. Before they



can do an experiment, they have to learn a lot.



**X**



They don't know what will happen in the



experiment. They have to use what they



learned to make a good guess.





Now, they have to test their guess.



We call this the experiment.



Next, they have to write down what happens.



We call this data.



The scientists look at the data from the experiment.



They decide if their guess was right.





Other people don't know about the research!



Scientists share the data.



## Chapter 3

# The Experiment



Let's pretend to be scientists. Why don't we

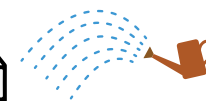


follow the steps to do an experiment?





Before an experiment, we need to ask a question.



Does an apple sink or float in water?



We have to learn about what we will test.



We should read about apples and water.



Now, we need to guess what will happen.

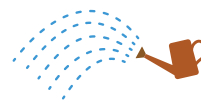


We think the apple will sink.





Now we have to test our idea.



We will put an apple in water.



The apple floated!



Let's write it down.



Our guess was wrong!



Apples don't sink.





Science experiments are fun.

We can learn a lot by doing research.





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