

Scientific Method



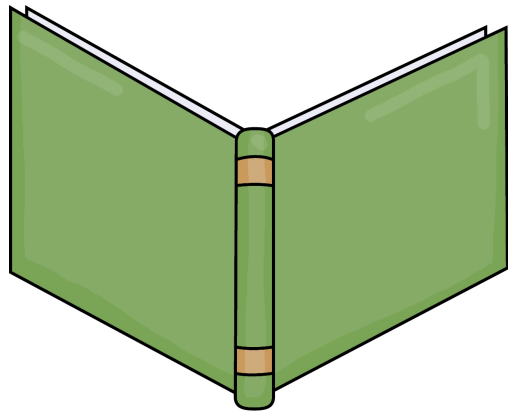
purpose



Ask a question.

What do you want to find out?

Background/ Research



What do you
already know?

What words
do you need to
explain?

Hypothesis

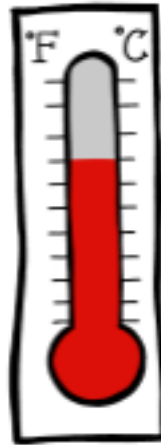
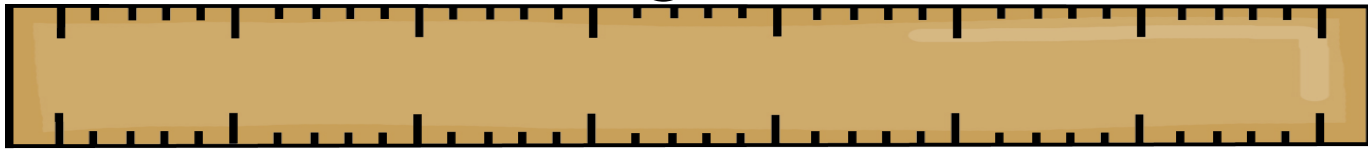
Educated guess.



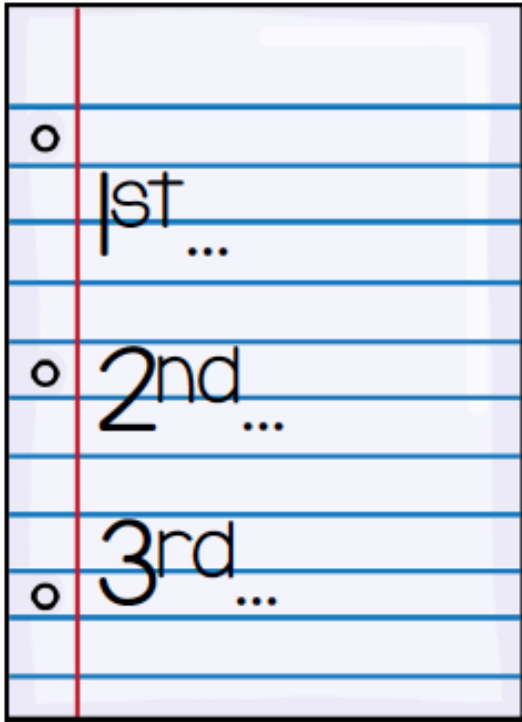
If a plant is planted in a maze **then** the plant will not grow higher than 9 cm inside of the maze.

Materials

What things do I need?



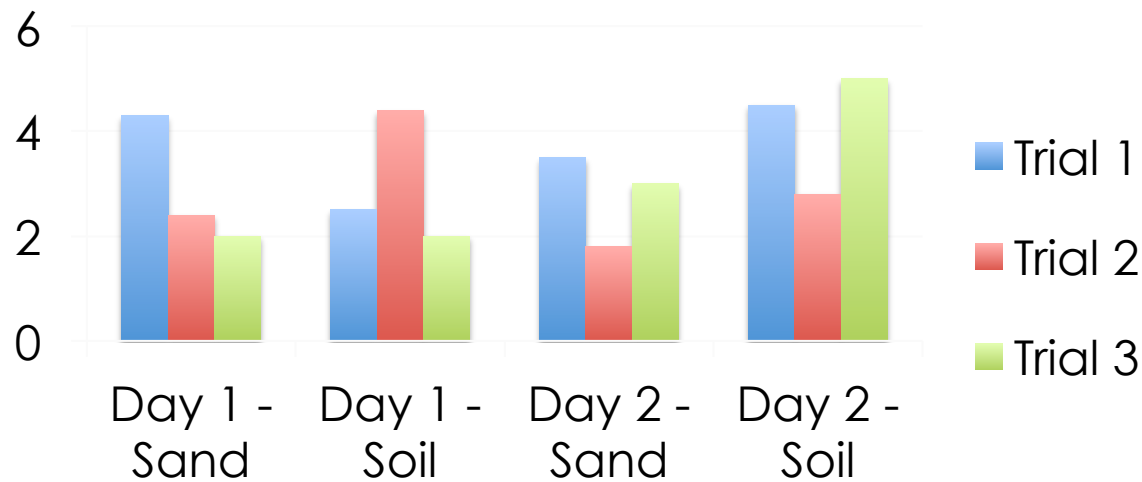
Procedures



What
steps do I
need to
follow?

Data

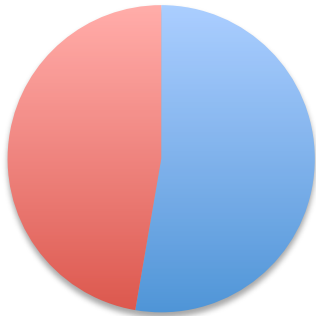
Make a chart or table to record your observations. Include several trials.



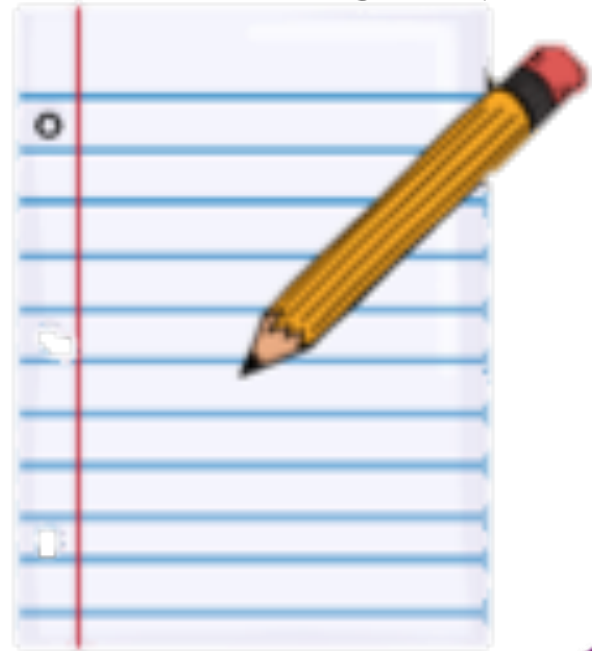
Results

Explain your data from the experiment using charts and graphs.

Sand and Soil



- Sand
- Soil



Conclusion

Was the hypothesis correct or incorrect?
What did I learn?



How would you
apply what you
learned to the
real world?