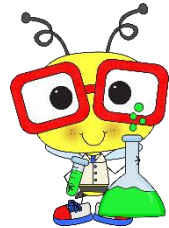


Science Process Skills

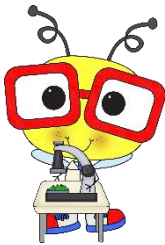
Observing

To use the five senses to learn about an object or event, or to collect information about an object.



Inferring & Predicting

To guess or draw a conclusion about an object or future event based on observations.

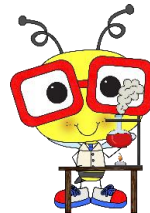


Classifying

To place an object or event in groups based on common characteristics.

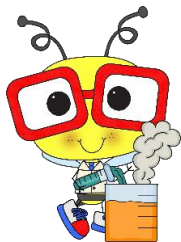
Measuring

To determine the length, area, volume, mass, or temperature to describe and quantify objects.



Communicating

To describe an object or event to another person.



Controlling Variables

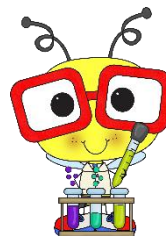
To study how attributes vary by manipulating variables.

Experimenting

To put all the process skills together in one activity.

Representing Data

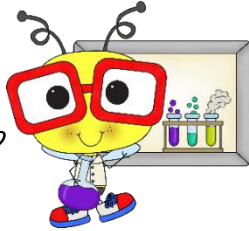
To organize your measurements to make your information easier to use and interpret.



The Scientific Method

Purpose

What do you want to know?

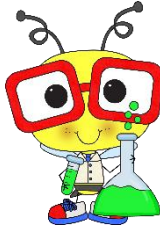


Purpose

Where is my pencil?

Research

What can you find out?

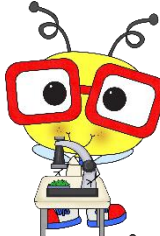


Research

I walked over to my friend's desk and then back to my seat. It was missing when I got back there.

Create a Hypothesis

What do you predict?

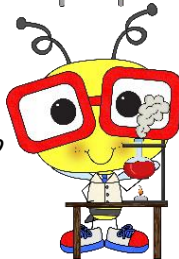


Create a Hypothesis

I hypothesize it is at my friend's desk.

Experiment

How are you going to test it?

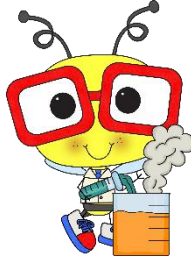


Experiment

I went over to my friend's desk and asked if she had it.

Analysis

What happened during your experiment?

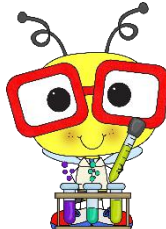


Analysis

My friend confirmed she had It. She gave it to me.

Conclusion

What did you find out?

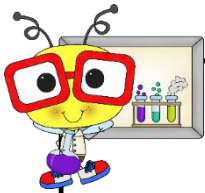


Conclusion

My hypothesis was correct. My friend had my lost pencil.

Name _____ Date _____ # _____

The Scientific Method

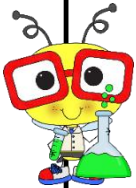


Purpose

What do you want to know?

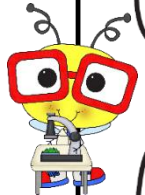
Research

What can you find out?



Create a Hypothesis

What do you predict?



How are you going to test it?



Experiment

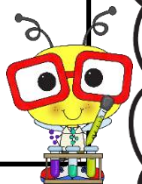
Analysis

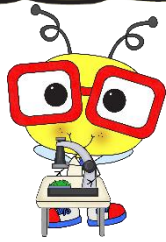
What happened during your experiment?



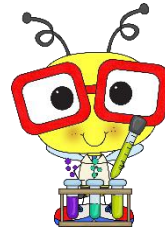
Conclusion

What did you find out?





Credits



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