

Scientific Method

Observation

What do you notice? What do you see? Is there a problem?

Ask Questions

Take that observation and turn it into a question: *Who, What, Why, Where, When, How?*

Develop Hypothesis

Make a prediction. What do you *think* will happen under certain circumstances?

Experiment

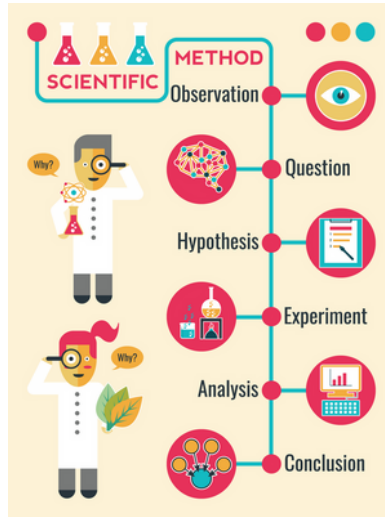
Now it's time to test your hypothesis!
Develop a procedure to test your theory.

Analysis

Record your results. What happened? Why did it happen?

Conclusion

Make a statement. Answer your question. Was your hypothesis correct or not? Share your results with others!



Suggested Activities

- Move the magnifiers to look at specimens up close and far away. How does the image change?
- Match the activity cards with the objects.
- Use the magnifiers to find tiny details in other objects like pebbles, tree bark, a blade of grass, coins, or the freckles on your arms.

J-KIT STEM

Science Kit: Magnification

Scientific Concept: magnification

Recommended Ages: 3-12

Scientific Practice: conducting investigations and using scientific tools

What to Know About This Kit:

This kit will allow you to take a closer look at the world and make exciting discoveries! You will observe in high-definition real-life specimens using hands-on materials and tools. This kit is perfect for individuals or small groups.

PLEASE NOTE: This kit must be returned to the Children's Department. **DO NOT** put in the book drop.

Kit Contents & Replacement Cost

Item Type	Description
Tool	Hand Magnifier
Tool	Jumbo Specimen Magnifier
Specimen	Pinecone
Specimen	Wasp
Specimen	Penny
Specimen	Leaf
Specimen	Flower
Information	6 Activity Cards
Total Kit Replacement Cost: \$24.99	



Books

Title & Author	Cost
Little Kids First Nature Guide: Bugs by Alli Brydon	\$9.99

Please verify **ALL** parts
& books are present
before returning.