



SfS Away from the Classroom!

AP02: Microscope Mystery (Recommended for grades 6-8)

Please use the following resources to learn about living and nonliving things around you through a microscope.

Watch this Video: https://www.youtube.com/watch?time_continue=9&v=tIMJWWpOrjw&feature=emb_logo

Answer these questions:

- What do you see?
- What do you think?
- What do you wonder?

Activity: Follow these directions to make a simple microscope.

You will need:

<ul style="list-style-type: none">• Scissors• Marker	<ul style="list-style-type: none">• Empty plastic bottle• Water	<ul style="list-style-type: none">• Living and nonliving things• Paper & pencil
---	--	--

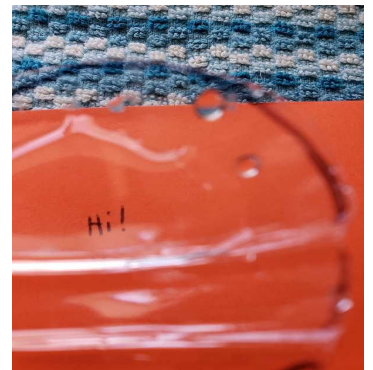
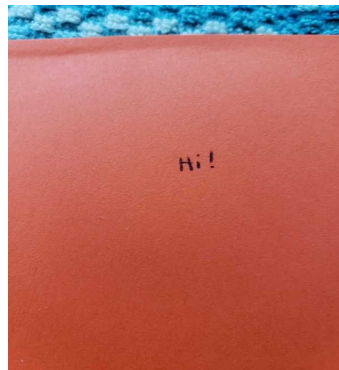
1. On the curved part of the plastic bottle, use the marker to draw (or trace) a circle.
2. Using scissors, cut out the circle.
3. Place a few drops of water in the center of the cut-out circle (this is your simple magnifier).
4. Hold your magnifier over different living and nonliving things.
5. With the pencil, record observations on the paper.



Step 1.



Step 2.



Steps 3-4.

Make observations & use Claims, Evidence, and Reasoning!

1. **Claim:** (Write your own from one of your observations)

- **Evidence:**

- **Reasoning:**

2. **Claim:** (Write your own from one of your observations)

- **Evidence:**

- **Reasoning:**