At-Home Science Experiments

For PreK & Kindergarten Students

Materials Needed:

A notebook

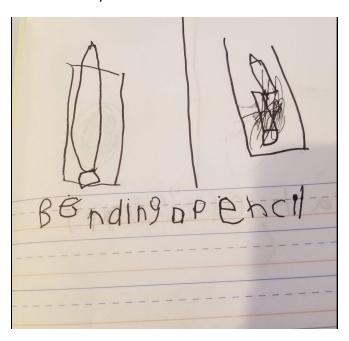
I like this one from Staples -

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- A clear plastic cup (or glass)
- A measuring cup
- A pencil, crayon, carrot
- Water

Experiment #1: Bending a Pencil

- 1. Write the name of the experiment in your science notebook.
- 2. Draw a line down the middle of the picture part of the page.
- 3. Look at the pencil. Use a few words to describe it. (Is the pencil straight?)
- 4. Put the pencil into the empty cup. Sketch it.
- 5. Fill a cup halfway with water.
- 6. Put the pencil into the cup of water.
- 7. What happens? Sketch it!!!
- 8. Start again and ask a few more questions. What do you think would happen if we used a crayon? Let's try it. What about a carrot?



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- A penny, nickel, dime, quarter
- A pipette or water dropper filled with water

Experiment #2: Water on a Penny

- 1. Write the name of the experiment in your science notebook.
- 2. Draw a line down the middle of the picture part of the page.
- 3. Look at the penny. Use a few words to describe it. Sketch it!
- 4. Use the pipette to place a few drops of water on the penny. What happens? Sketch it.
- 5. Continue to drop water on the penny until it overflows. What happens now?
- 6. Start again and ask additional questions like: How many drops of water fit on a penny? What about a nickel? A dime? A quarter? Which coin will hold the most water?

