

Water Cycle in a Bag

FIZZLEBOP SUPPLY LIST:

1. Plastic gallon zip bag
2. Permanent markers (black, yellow, light blue)
3. $\frac{1}{2}$ cup (118 ml) of water
4. Blue food coloring
5. Clear packing tape



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THE EXPERIMENT:

1. Outline the sun, a cloud, and some raindrops on the upper half of the gallon bag with your black marker.
FIZZ TIP: Color the sun yellow and the cloud and raindrops blue.
2. Fill a measuring cup with $\frac{1}{2}$ cup (118 ml) of water and add three drops of blue food coloring. Mix together well.
3. Carefully pour the water into the plastic bag and seal tight so no water or air can escape.
4. Use your packing tape to attach the top of your bag to a window that gets lots of sunlight.
FIZZ TIP: Make sure the bag is securely fastened to the window. (You don't want your water cycle to spill!)
5. Over the next several hours or days, depending on how much heat the sun generates, you will begin to see the water cycle in action.



DISCOVERIES:

How long did it take for rain to begin to fall?

What does rain help grow?

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