

## **OBSERVE A** CHEMICAL REACTION



## **MATERIALS**

Large measuring cup Vinegar (acetic acid) Measuring spoons Baking soda (sodium bicarbonate) Pen or pencil (to make notes)

- 1. Place a large measuring cup on the kitchen counter.
- 2. Pour vinegar into the measuring cup until you have 100 ml.

3.	Observe the vir	negar and make	
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- 4. Put the measuring cup in the empty sink.
- 5. Measure out 1 tablespoon (approximately 15 ml) of baking soda.
- 6. Drop the baking soda into the vinegar.
- 7. Observe what happens. Make notes below.

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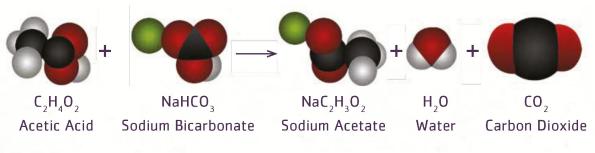

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minutes, then observe again. <i>I</i>	wake flotes.
	Record what you see, hear, and smell here. Do not drink or
king soda to the vinegar	taste the mixture.
w long does the fizzing last?	
ount of liquid in the measuring	
	appening: The acetic acid $(C_2H_4O_2)$ and
sodium dicardon	nate (NaHCO <sub>3</sub> ) recombine and form a nev im acetate (NaC <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ), water (H <sub>2</sub> O), and
carbon dioxide (	$(N_2)$ . Carbon dioxide is a gas that rises
	re and is released into the atmosphere
the bubbles burs	st
	sodium bicarbon mixture of sodiu carbon dioxide ( out of the mixtu



KEY: OXYGEN (O) HYDROGEN (H) CARBON (C) SODIUM (NA)

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