



# Irreversible Changes



## Mixing Bicarbonate of Soda and Vinegar.

What do you observe? Describe what you see with words and diagrams.

What are the new materials that have been created? How are they useful?

This chemical change creates a new \_\_\_\_\_ carbon dioxide. It is this \_\_\_\_\_ that causes the bubbles in the froth that you can see, and it \_\_\_\_\_ out to blow up the balloon.

Carbon dioxide is a \_\_\_\_\_ gas. It is dissolved in liquid to create \_\_\_\_\_ drinks, it is used to \_\_\_\_\_ food on aeroplanes and trains, and it is used in fire extinguishers to put out \_\_\_\_\_.

|                |         |     |          |       |        |      |       |
|----------------|---------|-----|----------|-------|--------|------|-------|
| carbon dioxide | spreads | gas | material | fires | useful | cool | fizzy |
|----------------|---------|-----|----------|-------|--------|------|-------|



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