Irreversible Changes

Mixing Milk 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? Use the key words below to write your explanation.

This _____ reaction has created a form of plastic called _____ plastic. Casein plastic was quite common from the early 1900s until about _____. It was used to make _____, buckles, beads and other jewellery, fountain pens, _____ and brushes.

casein	combs	chemical	buttons	1945

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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