# Science: Amazing Changes- Y5 T2

## Learning link

Last term you looked at grouping different materials based on their properties. We will now have a look at mixing different materials and liquids. What happen if you mix two things together? Can they always be separated again?

## Heston Blumenthal

A world-famous English celebrity chef known for his "mad scientist" approach to cooking



## Vocabulary

| | |
|---|---|
| **Irreversible change** | A permanent change that cannot be undone. The usually happen because of a chemical reaction. |
| **Reversible change** | A change that can be undone. No new materials are formed. |
| **Rust** | Rust is the result of a **chemical reaction** (specifically called oxidation) that happens when iron or steel is exposed to two things at the same time: |
| **Burning** | **Burning** (also called **combustion**) is defined as an **irreversible change** where a material reacts with oxygen to create new substances and release energy. |

## Practical

We will conduct experiments to better understand how mixing ingredients can cause a chemical reaction to take place. We will observe these experiments and record the results.
























