**Physical and chemical change.**

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| **Term** | **Meaning** |
| **Properties** | **The characteristics of something.** |
| **Physical properties** | **Properties such as the appearance of something, its melting point and boiling point, its hardness.** |
| **Chemical properties** | **How a substance reacts with other substances.** |
| **Physical change** | **A change to the form of something without producing any new substances. Eg. Melting, freezing, boiling ,dissolving, bending etc** |
| **Chemical Change** | **A change that produces new substances with new proprieties.** |
| **Chemical reaction** | **When atoms rearrange to form new substances.** |
| **Reactants** | **The starting substances in chemical reactions.** |
| **Products** | **The substances formed in chemical reactions.** |
| **Chemical equation** | **An equation showing the reactants and products in a chemical reaction either in words or symbols.** |
| **Precipitate** | **A solid formed from 2 solutions during a chemical change.** |
| **Reaction rate** | **How fast a reaction goes.** |