



## Chemistry at Western EYFS

In the Early Years, children are encouraged to investigate the world around them. They explore what happens to ice when it melts and are able to identify some everyday materials.

## KS1

Year 1 - building on their EYFS knowledge and understanding, children investigate, compare and group different materials and can talk about their properties.

Year 2 - developing their knowledge further, the children link the properties of objects to their use and investigate how the shapes of solid objects can be changed.



## Y3/4



Building on the knowledge developed in KS1 the children compare and group different rocks based on their appearance and physical properties, they learn how fossils are formed and recognise how soils are made.

The children continue their scientific journey by learning about the properties of solids liquids and gases. They use this knowledge to group materials and observe how temperature affects the state of matter. They then link this information to the water cycle and evaporation and condensation.

## Y5/6

By the end of Year 6 the children will be able to compare and group together materials based on their properties. They will Investigate solutions; dissolving, mixing and separating, and will know that changes of state are reversible changes whereas some changes are not reversible.

