



## Science Curriculum

We follow the National Curriculum as set out below to ensure consistency, support children to progress well and be ready for the next stage of their education. Our Science curriculum covers biology, chemistry and physics through units of work. Children will build knowledge and understanding, based on practical experiences, scientific questioning and enquiry. Throughout their scientific journey, our children will be encouraged to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena.

The coverage below allows our family of schools to work collaboratively. Each school can plan and deliver each unit in their own way using resources of their choice. Beyond the content outlined below, each school has the flexibility to plan and deliver their own units of work.

### Key Stage One

Children across our primary schools will be taught about plants, materials, habitats, humans and animals, as well as weather and seasonal changes.

Children in Year One and Year Two will learn how plants and animals grow and survive, the properties of materials, and the impacts of weather.

### Lower Key Stage Two

Children across our primary schools will be taught about plants, sound, light, forces & magnets, rocks & matter, and human & animal adaption & survival.

Children in Year Three and Year Four will learn about how plants adapt, how sound and light travel, how forces and magnets work, to select and sort materials, and investigate rocks and soils.

### Upper Key Stage Two

Children across our primary schools will be taught about living things and habitats, electricity, evolution & inheritance, and Earth & space.

Children in Year Five and Year Six will learn about puberty & reproduction in humans, how humans and animals have adapted, how electricity works, and all about our solar system.