




Science Curriculum Pathway

Spirituality 



Courage

Respect

Grace



Key Stage 3

Children are taught in biology about different types of cells (including how these are structured) and the different systems of the human body, focusing on reproduction in more detail. In Chemistry, children learn about the periodic table (including how elements are grouped and how to separate different chemicals and materials. In Physics, children learn in more detail about light and sound waves and forces and begin to look at particles.



How light behaves and how we see?



Year
6

Classification and Evolution

Electricity



Circulatory systems

Materials and their properties including reversible and irreversible changes

Stubbington residential



Life cycles and growth (plants and animals)

Forces

Space and gravity

Year
5

Living things and their habitats

Visit to Winchester Science Centre



Year
4

Light and shadows

States of matter – solids, liquids and gases

Digestion (including teeth) and food chains

Sounds

Electricity



Local activity



How plants reproduce?

Animals: skeletons and movement

How plants make their own food?



Magnets and their effects

Visit to Butser farm

Rocks and soils

Study of school field

Year
3

Key Stage 1

Children are taught the names of plants, begin to name their basic parts and look at how plants grow. They classify animals and study their food sources. When looking at materials, children learn to classify, group and compare them. They observe how materials affect movement and the basic forces of push and pull.