

National Curriculum Objectives (Stage 3)	Autumn	Spring	Summer
PLANTS			
I can identify and describe the functions of different parts of flowering plants: roots, stem, leaves and flowers			
I can explore requirements of plants for life and growth (air, light, water, nutrients from soil and room to grow) and how they vary from plant to plant			
I can investigate the way in which water is transported within plants			
I can explore the role of flowers in the life cycle of flowering plants, including pollination, seed formation and seed dispersal			
ANIMALS INCLUDING HUMANS			
I can identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat			
I can identify that humans and some animals have skeletons and muscles for support, protection and movement			
ROCKS			
I can compare and group together different kinds of rocks on the basis of their appearance and simple physical properties			
I can describe in simple terms how fossils are formed when things that have lived are trapped within rock			
I can recognise that soils are made from rocks and organic matter			
LIGHT			
I can recognise that they need light in order to see things and that dark is the absence of light			
I can notice that light is reflected from surfaces			
I can recognise that light from the sun can be dangerous and that there are ways to protect their eyes			
I can recognise that shadows are formed when the light from a light source is blocked by a solid (opaque) object			
I can find patterns in the way that the size of shadows change			
FORCES AND MAGNETS			
I can compare how things move on different surfaces			
I can notice that some forces need contact between two objects, but magnetic forces can act at a distance			
I can observe how magnets attract or repel each other and attract some materials and not others			
I can compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials			
I can describe magnets as having two poles			
I can predict whether two magnets will attract or repel each other, depending on which poles are facing			