

Year 3 Learning Ladders- Science



Year 3	Areas of Study-
Plants	<ul style="list-style-type: none"> ■ I can identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers ■ I can explore the 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 part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.
Animals, inc Humans	<ul style="list-style-type: none"> ■ 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 other animals have skeletons and muscles for support, protection and movement.
Rocks	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ 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 object ■ I can find patterns in the way that the size of shadows change.
Forces and Magnets	<ul style="list-style-type: none"> ■ 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 describe magnets as having two poles