

Year 3 Units

3.1 Animal Homes	3.2 Animals and skeletons	3.3 Forces and Magnets	3.4 Plants	3.5 Light	3.6 Rocks
<ul style="list-style-type: none"> ▪ Observe closely and identify animal homes ▪ Suggest suitable sites for animal homes, providing simple explanations for their choices using simple scientific vocabulary ▪ Provide homes and other methods to attract animals 	<ul style="list-style-type: none"> ▪ 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 ▪ identify that humans and some animals have skeletons and muscles for support, protection and movement. 	<ul style="list-style-type: none"> ▪ compare how things move on different surfaces ▪ notice that some forces need contact between two objects, but magnetic forces can act at a distance ▪ observe how magnets attract or repel each other and attract some materials and not others ▪ 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 ▪ describe magnets as having two poles ▪ predict whether two magnets will attract or repel each other, depending on which poles are facing. 	<ul style="list-style-type: none"> ▪ identify and describe the functions of different parts of flowering plants: roots, stem, leaves and flowers ▪ 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 ▪ investigate the way in which water is transported within plants ▪ explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. 	<ul style="list-style-type: none"> ▪ state the difference between light sources and other shiny objects and name a number of light sources including the Sun ▪ recognise that they need light in order to see things and that dark is the absence of light ▪ notice that light is reflected from surfaces ▪ recognise that light from the sun can be dangerous and that there are ways to protect their eyes ▪ recognise that shadows are formed when the light from a light source is blocked by a solid object ▪ find patterns in the way that the size of shadows change. 	<ul style="list-style-type: none"> ▪ compare and group together different kinds of rocks on the basis of their appearance and simple physical properties ▪ describe in simple terms how fossils are formed when things that have lived are trapped within rock ▪ recognise that soils are made from rocks and organic matter.

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