Kings Priory School Key Stage 2 Science Curriculum



YEAR 3 YEAR 4 **Recognise that we need Identify common** light to see things, and appliances that run on that dark is the absence of electricity and light. Notice that light is construct a simple reflected from surfaces series electrical and recognise that circuit. Recognise shadows are formed Light & some common when the light is Electricity shadow conductors and blocked by an opaque insulators, and object. associate metals with being good conductors. **Compare and** Animals group together different kinds of rocks on the basis including Describe the simple functions of the basic of their appearance and humans -Rocks simple physical properties. parts of the digestive digestive **Describe in simple terms** system in humans system how fossils are formed. **Compare and** Notice tha group materials some forces ogether, according to need contact whether they are between two objects, States of solids, liquids or Forces & but magnetic forces can gases. Observe that Matter act at a distance. magnets some materials **Observe how magnets** change state when **Identify and** attract or repel each they are heated or describe the other and attract som unctions of different cooled. Identify the materials part played by parts of flowering and not other dentify how sounds are evaporation and plants. Explore the made, associating some condensation in requirements of plants of them with something Sound **Plants** the water cycle. for life and growth and vibrating. Recognise that how they vary. Explore vibrations from sounds the part that travel through a **Recognise that** flowers play in the medium to ving things can be group life cycle of Living the ear. Identify that animals a variety of ways. Explore flowering things & including humans, nd use classification keys plants. need the right types Nutrition their to and amount of help group, identify and habitats nutrition, and that name a variety of living they cannot make things in their local and their own food wider environment. they get nutrition Animals **Recognise that** from what environments **Identify the different** including **Identify that humans** they eat. Skeletons can change and types of teeth in humans and some other animals humans that this can and their simple & have skeletons and teeth/food sometimes pose functions. Construct and muscles muscles for support, dangers to living chains interpret a variety of protection and things. food chains, identifying movement. producers, predators and prey.

Interleaved strands

Biology

Chemistry

Physics