



Kilmington Primary School

Science Overview



Jackdaws Science Overview

	AUTUMN TERM		SPRING TERM		SUMMER TERM	
Year A	Rocks and soils 3 (6) - Chemistry <ul style="list-style-type: none"> • What are rocks? • Are all rocks the same? • How are rocks formed? • Which rocks make up the Earth? • What are soils? • How are fossils formed? 	Animals including humans 3 (5) - Biology <ul style="list-style-type: none"> • How does our skeleton help us? • Do our bones affect what we can do? • What do our muscles do? • Do all animals have the same skeleton? • What types of nutrition do we need? 	Plants 3 (6) - Biology <ul style="list-style-type: none"> • What do plants need? • Do the different parts of the plant have a function? • What are roots? • How do plants transport water? • How do plants reproduce? • How are seeds dispersed? 	Electricity 4 (5) Physics <ul style="list-style-type: none"> • Which appliances use electricity? • How can I make a simple circuit? • Why don't some circuits work? • How can we test if a material is a conductor or an insulator? • How do switches affect a circuit? 	Sound 4 (7) Physics <ul style="list-style-type: none"> • How are sounds made? • What is a sound vibration? • What is inside your ear? • Does the size of the pinna affect the volume of the sound? • What is pitch? • What is volume? • Which material is best at muffling sound? 	
Year B	Animals including Humans 4 (5) - Biology <ul style="list-style-type: none"> • What is the digestive system? • Why are teeth different shapes? • What drink causes the most tooth decay? • What is a food chain? • How can I construct a food chain? 	Light 3 (6) - Physics <ul style="list-style-type: none"> • What is a light source? • What is reflected light? • Is the Sun dangerous? • What is a shadow? • Does moving the light source above the object make the object's shadow longer? • How do mirrors work? 	States of Matter 4 (7) - Chemistry <ul style="list-style-type: none"> • What are solids, liquids and gases? • Do all liquids behave the same? • What is a thermometer used for? • How do materials change state? • What is the water cycle? • Do all liquids evaporate? • Does temperature affect the rate of evaporation? 		Magnets 3 (6) - Physics <ul style="list-style-type: none"> • What is a force? • Do objects move the same on different surfaces? • How do magnetic forces work? • Which materials are magnetic? • Do magnets attract each other? • Are all magnets the same strength? 	Living things and their habitats 4 (6) - Biology <ul style="list-style-type: none"> • What are the seven life processes? • How can we sort and group animals? • What are vertebrate animals? • Which living things can be found in the local area? • What is a classification key? • How is our environment changing?