SCIENCE	
Year 4 - Typical Expectations for each level	
• Uses observation and data collection to generate ideas, questions and answers • Uses secondary sources to find answers • Performs simple tests and begins to draw conclusions as a result of them • Explores and uses classification keys to help group, identify and name a variety of living things in their local and wider environment • Constructs and interprets a variety of food chains, identifying producers, predators and prey • Identifies the part played by evaporation and condensation in the water cycle • Finds patterns between the volume of a sound and the strength of the vibrations that produced it • Explains, in detail, the difference between a simple circuit and a parallel circuit.	4a
• Uses observations and ideas to generate questions • Uses data collection and organisation to answer questions • Begins to use secondary sources to find answers • Performs simple tests • Recognises that environments can change and that this can sometimes pose dangers to living things • Describes the functions of the basic parts of the digestive system in humans • Observes that some materials change state when they are heated or cooled • Identifies how sounds are made, associating some of them with something vibrating • Recognises some common conductors and insulators and associates metals with being good conductors	4b
• Asks simple questions • Assists in data collection to help answer questions • Takes part in simple tests, through mainly observation • Begins to recognise that living things can be grouped in a variety of ways • Identifies the different types of teeth in humans and their simple functions • Begins to compare and group materials together, according to whether they are solids, liquids or gases • Recognises that sounds gets fainter as the distance from the sound source increases • Identifies common appliances that run on electricity	4c