Derry Hill C of E Primary School		Year 2: Term 1: Autumn 2025	
National Curriculum Subject SCIENCE Year 2 Term 1	**Key Vocabulary**	**Key Skills**	**Learning Intention and Implementation**
Uses of every day materials.  **Uses of Everyday Materials**	brick property material suitable object bridge construction obstacle triangle structure limit floppy hinder elastic stretchy squash force twist bend stretch mackintosh waterproof protective fluorescent safety	Enquiry Approach - Identifying, grouping & classifying Using observations, data and findings to name, label and organise items in a variety of ways. Enquiry Skill - Observing and measuring Using the senses and taking measurements, using a range of equipment, to make observations about a scientific enquiry Enquiry Skill - Setting up tests Carefully following a method and using equipment accurately to carry out a scientific enquiry. The method may be designed by teachers or children themselves. Enquiry Approach - Comparative / fair testing Conducting a test that controls all but one variable to answer a scientific question. Enquiry Skill - Setting up tests Carefully following a method and using equipment accurately to carry out a scientific enquiry. The method may be designed by teachers or children themselves. Enquiry Approach - Comparative / fair testing Conducting a test that controls all but one variable to answer a scientific question. Enquiry Approach - Comparative / fair testing Conducting a test that controls all but one variable to answer a scientific question.	**L1.** Understand what a material is • Know the properties of a variety of everyday materials • Explain why some materials are suitable for specific uses **L2.** • Understand that some materials are stronger than others • Compare the strength of different materials • Understand that materials differ in strength and can be strengthened by changing their structure **L3.** • Understand that the shapes of objects can be changed by stretching • Compare how the shapes of objects change when they are stretched • Compare how some objects change after stretching while other objects return to their original form **L4.** • Know that some materials are suitable or unsuitable for particular purposes • Understand the properties of materials that make them suitable or unsuitable for particular purposes • Link the suitability of materials for particular purposes with the uses of everyday tools **L5.** • Understand that some materials can be melted • Know that some materials can be melted to change their shape • Know that some materials can be melted and mixed with other materials to change their properties

		Enquiry Skill - Recording data, results and findings Using tables, a variety of graphs, labelled diagrams and models to record observations, measurements, results and findings. Enquiry Skill - Interpreting and communicating results Using information, results and data to present findings, including oral and written explanations. Enquiry Approach - Comparative / fair testing Conducting a test that controls all but one variable to answer a scientific question. Enquiry Skill - Evaluating Assessing the success of a scientific enquiry by evaluating the prediction, method and results and identifying further questions for enquiry. Enquiry Approach - Comparative / fair testing Conducting a test that controls all but one variable to answer a scientific question.	