Year 1 Chemical Science: Everyday Mate	rials (Identifying Materials) Unit
Scientific Investigations:	Scientific Skills Taught:
 Identifying and Classifying Things Comparative and Fair Testing Scientists:	 To explore the world around them To ask their own questions To find answers from books, photographs, videos (secondary sources) BREAKDOWN
	 To carry out simple tests To use simple measurements To use simple equipment CAPTURE
	 To observe closely To compare using simple features To compare using simple features
- Ole Kirk Christiansen – invented Lego.	 To record what they notice in different ways To sort things using simple features To notice patterns and relationships To group things using simple features DESCRIBE
	 To explain what they found out To talk about what they have seen To use simple scientific language To know there are different ways to answer

Prior Learning:

- EYFS: Naming materials in the model making areas e.g., cardboard, paper, plastic; taking about waterproof materials we wear when we play in the rain, looking at magnets and what kinds of materials are magnetic and non-magnetic.
- Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur and talk about changes. (Early Learning Goal)

Curriculum	Learning Intention	Knowledge and Key Vocabulary	
Making links to previous learning and discuss the model (if needed)	What do you already know about everyday materials pre assessment task?		
Knowledge and skills through investigations Pupils should be taught to: - distinguish between an object and the material from which it is made	What is an object? What is a material? To distinguish between an object and the material from which it is made. What are the properties of materials?	 Knowledge: Chn can name objects made from 3 amounts of different materials. Children know some of the properties that materials can have. 	

- Children must understand that some materials are more suitable than others for making different objects.

Links t	o other subjects:
•	Subject Specific links –
	 English: new vocabulary, explaining their work and their ideas, describing images and layout for non-fiction (science investigation format).
	- Maths: sorting activities, comparing materials and amounts.
	- ICT: learning from online activities.
	- Art & DT: why we use different materials for different things.
•	Personal Development – working in pairs, small and larger groups.
٠	SMSC – talk of recycling and the overuse of plastic.
•	Cultural Capital –looking at objects made from different materials from different cultures
•	Careers – builder, architect, interior designer linked to teddy's houses project.
•	British Values – deciding which experiences they want to carry out as a class.
•	Equality – to understand that each child has the right to live in a home and be clothed appropriately.