



Class 1

Madron Daniel Science Small Step Progression

Everyday Materials – Year 1 Unit - Year A

Retrieval vocab: New Vocab Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through, fair test, predict, conclusion, testing, results			Previous learning None		Links with Vision and Values. <i>Stimulate in every child a sense of curiosity and excitement about the world.</i>	
	Working scientifically/ enquiry focus	Curriculum Strand/ Focus	Small step objective	Previous learning within the unit.	Lesson content	Outcome
1	Identify and classify	Everyday Materials	Identify and name different materials.	N/A	What are materials?	The children can: Identify and name different materials. -
2	Identify and classify	Everyday Materials	Name objects and identify the material which they are made from.	<i>Identify and name different materials</i>	What are objects made from?	The children can: Identify and name the materials that objects are made from. .
3	Identify and classify	Everyday Materials	Describe the properties of everyday materials.	<i>As above Identify and name the materials that objects are made from.</i>	How are materials different?	The children can: use Descriptive words to identify the properties of materials.
4	Comparative/fair testing	Everyday Materials	Test materials to identify their properties.	<i>As above Use descriptive words to identify the properties of materials.</i>	How can we test materials to find out their properties?	The children can: Test materials to find out their properties and record their results.
5	Comparative/fair testing	Everyday Materials	Pose a question to answer in a test on which materials are absorbent. Develop the writing of predictions. Carry out a fair test.	<i>As above Test materials to find out their properties and record their results.</i>	Can we think of a question to answer about whether materials are absorbent? Can we write a prediction?	The children can: Pose a question to investigate and write a prediction. Carry out a fair test.



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6	Identify and classify	Everyday Materials	Sort materials by their properties using a Venn diagram	<i>As above Pose a question to investigate and write a prediction. Carry out a fair test and record their results.</i>	How can we sort materials?	The children can: Sort materials according to their properties.
7	Research	Everyday Materials	Draw and research the inventor Macintosh	<i>As above sort materials according to their properties.</i>	Who was Charles Macintosh?	The children can: Explain who Charles Macintosh was and why he is important.
8	Identify and classify	Everyday Materials	Observe and record materials and their properties found around the school grounds.	<i>As above Explain who Charles Macintosh was and why he is important.</i>	What materials can we find around the school grounds?	The children can: Identify and describe materials found around the school grounds.