

Year 1 Spring 2
STEM challenge (science investigators)

Week	NC objectives	REMEMBER (prior knowledge)	KNOW (new knowledge)
1 2 3 4 5 6	<ul style="list-style-type: none"> describe the simple physical properties of a variety of everyday materials identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock compare and group together a variety of everyday materials on the basis of their simple physical properties. <p>performing simple tests</p> <p>LO: apply prior knowledge to create predictions</p> <p>LO: to explore designs and suitability of materials</p> <p>LO: to design using scientific knowledge</p> <p>LO: to apply scientific knowledge to create design</p> <p>LO: to present scientific ideas</p>		<ul style="list-style-type: none"> Know how to use knowledge of materials in a design Know names of physical properties of common materials To know how to evaluate ideas based on scientific understanding Know scientists investigate before making a new design Know how to perform a simple test changing a variable