



**DARE to Learn Curriculum**  
**Science Skills Progression**  
**Year 2 Spring B**

Question to explore...	What happens at sea?
	Scientific Coverage
<b>NC Coverage</b>	<ul style="list-style-type: none"> <li>• Explore and compare the differences between things that are living, dead, and things that have never been alive.</li> <li>• Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</li> <li>• Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</li> <li>• Notice that animals, including humans, have offspring which grow into adults.</li> </ul>
<b>Observe</b> closely and/or <b>over time</b> (sometimes using equipment)	<ul style="list-style-type: none"> <li>• Human lifecycle what happens in each stage? How is that different to 1805? Children working on the ships etc.</li> </ul>
<b>Comparative</b> and fair <b>testing</b> Ask simple <b>questions</b> and recognise they can be <b>answered in different</b> ways	<ul style="list-style-type: none"> <li>• What materials make the best ship? Test sinking and floating, make predictions, use scientific reasoning to explain why certain materials didn't float.</li> <li>• Test different materials boats and ships are made of, can they be squashed, bent, twisted, or stretched? What materials can?</li> </ul>
<b>Identifying</b> and <b>classifying</b>	<ul style="list-style-type: none"> <li>• Look at the materials used to build a ship (wood, nuts, bolts, cannon, cannon balls etc) Are they living, not living or have never lived? Chn could draw a scene of HMS Victory on the ocean and label items.</li> <li>• MRS GREN</li> </ul>
<b>Pattern Seeking</b> Gathering and <b>recording</b> data	
Researching using <b>secondary sources</b>	
<b>Key Scientific Vocabulary</b> - discuss and remember and embed.	Absorb, float, dense, surface area, heavy, light, buoyancy, durable, solid, living, not living, never lived, reproduce, grow, respire, sensitive, excrete, nutrition, baby, toddler, adolescent, adult, old age, offspring.



**D**ILLIGENCE **A**SPIRATIONAL **R**ESILIENCE **E**NTHUSIASIM

