



### Learning through Diving

Activity	What key ideas are covered?	How does this link to the NC?	Numeracy and Literacy Links
Water World!	Introductory session to the world of water: What are the key bodies of water? What is the water cycle?	Introduction to key concepts in Science Geography: physical characteristics of UK and wider world	
Water and the Environment	What is the water cycle? What affects the water environment? How do humans affect the environment? What are tides? What causes waves?	Design and Technology: evaluating a new development, representing ideas in pictures and planning a new logo Science: environments, water cycle, moon and tides, adaption to environment Geography: physical characteristics of UK and wider world	Literacy: unfamiliar words, developing vocabulary, building knowledge, asking relevant questions, developing arguments and opinions, collaborative conversations, considering viewpoints
Marine Life	What lives underwater? How are they related? Creating a food chain. Focussing on some key marine life e.g. corals, sharks, dolphins	Science: reproduction and offspring, classifying, food chains, life cycles, Geography: physical characteristics of UK and wider world	Literacy: unfamiliar words, developing vocabulary, building knowledge, presentations Numeracy: interpreting data
Humans Underwater	What is pressure? How does it change? How does it affect light/sound? How do we sink?	Science: the ear and sound change underwater, water resistance and pressure, mass, density	Numeracy: using formulae, ratio, percentages
Water Activity: Bubblemaker	Introduction to diving	Physical Education: adventurous activity Practical application of concepts covered in humans underwater	
Water Activity: Rescue skills	Some basic rescue skills in diving	Physical Education: self-rescue Practical application of concepts covered in humans underwater	Literacy: Role play, improvisations

Please let us know if you have any specific requests for literacy or numeracy, e.g. specific mathematical ideas or processes, or linking with relevant literature or creative writing. Historical aspects can also be covered through exploring the stories of particular wrecks.