

Outreach - The Ocean

Level/age group: Nursery – P1	Duration: 20 minutes	
<p>Learning objectives By the end of this activity:</p> <ul style="list-style-type: none"> • All students will be able to recall 3 animals that live in the ocean. • Most students will learn that animals are adapted to living on land and/or in water. • Some students will be able to name features on a marine animal that allow it to survive underwater. 		
<p>Starter: Marine Animal Puzzles</p> <p>The pupils can work independently or in pairs and will receive a 6- or 9-piece to work out. Once they have made the puzzle they can figure out what animal it is or ask another pupil or staff member if they are unsure. Time allowing, they can do a second puzzle. As a group, we will run through the animals on the puzzles together. For each animal, we will mention one or two features that help it to live underwater.</p>	<p>Equipment/handouts:</p> <ul style="list-style-type: none"> • Paper Puzzles 	
<p>Main activity: Animal Rock Hunt and Sort</p> <p>Rocks with painted animals on, will be hidden around the playground. The pupils will have a certain amount of time to find a rock and put it into the correct bucket relating to where that animal lives. Not knowing the animal will encourage thinking about the features it has and whether they will help to live on land or in the water, with the help of staff if required. Once all the rocks are found, we will go through the buckets and decide if all the rocks have been put in the correct place.</p>	<p>Equipment/handouts:</p> <ul style="list-style-type: none"> • Painted Rocks • Labelled buckets – land/water 	
<p>Plenary: Clay Animals</p> <p>Each pupil will get a small piece of clay to transform into a marine animal. They can use natural materials found in the playground to add features to the clay, for example using sticks as legs or bark to make a shell. The clay animal must have features that allow it to live under water but they can choose whether it will be a real animal or a made up one.</p>	<p>Equipment/handouts:</p> <ul style="list-style-type: none"> • Clay 	
<p>Assessment is for Learning techniques: Starter: Discussing in pairs what each animal is. Main: Working as a class to check the rock sorting. Plenary: Designing/re-creating an animal out of clay.</p>	<p>Differentiation opportunities:</p> <ul style="list-style-type: none"> • Younger kids: N/A • Older kids: Introduce the word ‘adaptation’ and focus on this in more detail. • G&T: Same as above. • SEN: Provide assistance with activity when required. • EAL: Have the animal names translated into their language. 	
<p>Extension activities: Look into marine mammals and their sizes – use tape measure and work as a group to find out how large some of the marine mammals are. Consider the different feeding techniques of the marine animals discussed.</p>		
<p>Poor weather alternatives: All the activities can be done in an indoor space.</p>		

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Suggestions for preparation:	Suggestions for follow up:
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