




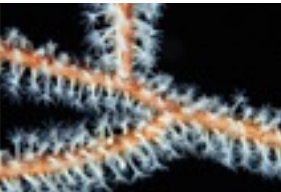













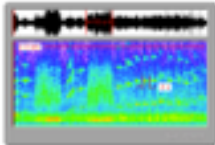



 <p>Slide 1</p>	<p>Teacher's note: <i>Introduce yourself and the workshop</i></p> <p>Hi my name is and i am going to tell you story. Together we are going to learn about the sea. We will see some amazing creature, and we will each make our own drawing.</p> <p>(Teacher's note if not a drawing then whatever you have decided is the creative activity.)</p> <p>Shall we begin.....</p>
 <p>Slide 1</p>	<p>My Best friend has a sparkling tail covered in delicate scales. Her hair is so long that it falls over her shoulders and all over her back. Her home is under the turquoise blue sea. She is called Zaza and she is a mermaid.</p> <p>I met Zaza when I went swimming one sunny day in the sea. The water was glistening and inviting, the golden sand soft beneath my feet. As I paddled slowly, going in a little bit deeper with each step, the water felt warm and welcoming.</p> <p>Suddenly I felt something brush against my leg. For a just a brief moment I was frightened, but then a happy smiling face popped out from under a wave. It was Zaza with a big grin just like the ones you make when you are really happy.</p>
<p>Group Interaction</p>	<p>Can you show me the smile? The one you make when you are really happy.</p> <p>(Teacher's note: give a big grin)</p> <p>That's it, that is the smile that Zaza has too</p>
 <p>Slide 2</p>	<p>Zaza has asked me to say hello and play with you. To learn all about the wonders of her home under the sea.</p> <p>I love the sea it makes me feel so happy, the waves are sometimes soft and gentle on the sand.</p>



 <p>Slide 6</p>	<p>This fish is called a dog fish, it is a type of small shark but it is not dangerous at all!</p> <p>Zaza and I think it is funny it its called a dogfish, but it does not have ears, a tail or fur!</p> <p>Resource link for more info; http://ultimauk.com/sea/target_fish/Dogfish.php</p>
 <p>Slide 7</p>	<p>The dog fish lays its eggs in a special nest called a mermaid's purse. Zaza and I love to find them. We laugh as they do not look like a purse at all!</p> <p>Resource link for more info; http://staffweb.itsligo.ie/staff/dcotton/Mermaids_purses.html</p>
 <p>Slide 8</p>	<p>This is a scorpion fish, it lives deep in the dark ocean where there is no sunlight.</p> <p>This scorpion fish is hiding near a rock where yellow coral is growing.</p> <p>Resource link for more info; https://en.wikipedia.org/wiki/Small_red_scorpionfish</p>
<p>Group interaction</p>	<p>Can you guess why they are called a scorpion fish?</p> <p>They have prickly fins which carry poisonous venom, Scorpions have a barb on the end of their tail that is also poisonous.</p> <p>Does anyone here know anything about coral?</p>
 <p>Slide 9</p>	<p>It is amazing coral can grow in the cold deep water too and they are called cold water corals.</p> <p>These corals are tiny animals called polyps. Pol and then Lips;</p> <p>Resource link for more info; https://www.marlin.ac.uk/species/detail/1806</p> <p>https://en.wikipedia.org/wiki/Lophelia</p>






<p>Group interaction</p>	<p>Can you say that?</p> <p>Pol lips</p>
 <p>Slide 10</p>	<p>Others sea creatures like this crab make their home inside an abandoned shell. Wriggling inside when they want to hide. This makes us laugh because they look so strange carrying the heavy home on their back like a tortoise.</p> <p>Resource link for more info; https://en.wikipedia.org/wiki/Hermit_crab</p>
 <p>Slide 11</p>	<p>Look at the spiny Lobster poking his head out of its muddy home.</p> <p>They are yummy to eat!</p> <p>Resource link for more info; https://en.wikipedia.org/wiki/Palinurus_elephas</p>
 <p>Slide 12</p>	<p>There are so many amazing creatures who live in the sea, At the surface where the glimmering sunlight shines through the surface of the sea. It is so magical. Zaza and I love to swim through the rays of light.</p>
 <p>Slide 13</p>	<p>Sometimes we dive deep where there is no light and it is cold and dark.</p> <p>The strangest creatures live down in the deep, like this is funny looking fish, a monkfish. He has his own fishing rod on top of his head.</p> <p>Resource link for more info; https://www.seafoodsource.com/seafood-handbook/finfish/monkfish</p>


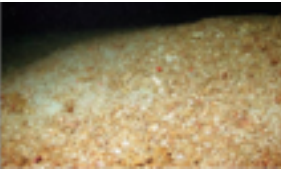



	<p>Zaza has a sea horse that likes to come and hide in her hair. The Sea horse's skin colour can change depending where they live around the world so they blend into their surroundings.</p>
	<p>Can you see this sea horse hiding in the sea-weed? Did you know the sea horse is the only animal in the whole world where the male gives birth to the babies?</p>
<p>Slide 14</p>	<p>Resource link for more info; https://www.youtube.com/watch?time_continue=96&v=Q3CtGoqz3ww</p>
	<p>And look, who is this fun friend who has popped up to say hello?</p>
	<p>A Seal. Look at his whiskers. What other animals can you think of that have whiskers?</p>
<p>Slide 15</p>	<p>Resource link for more info; https://www.popsci.com/why-do-seals-have-wavy-whiskers</p>
	<p>Zaza is so lucky her best friend is a dolphin. His name is Kaspar and he is an amazing swimmer. Together we fly through the water so fast.</p>
	<p>Resource link for more info; https://www.nationalgeographic.com/magazine/2015/05/dolphin-intelligence-human-communication/</p>
<p>Slide 16</p>	
	<p>We fly past the graceful and slow, shiny backed turtle.</p>
	<p>Resource link for more info; https://defenders.org/sea-turtles/basic-facts</p>
<p>Slide 17</p>	
	<p>We wave at the solitary crab, crawling along the seafloor. He has big front claws he uses to gather food and fight off enemies.</p>
	
<p>Slide 18</p>	






 <p>Slide 19</p>	<p>We see the sea urchins with their spiny, spiky shells.</p>
<p>Group interaction</p>	<p>Can you try saying that quickly 'Sea Urchins with spiny, spiky shells!'</p>
 <p>Slide 20</p>	<p>Zaza and I love to see the starfish, they come in so many different colours, ocean blues, poker dot red, some feel like velvet, others covered in thorns and yet they are all star fish, just like us, each one is different, but the same.</p>
 <p>Slide 21</p>	<p>Today we played with the family of squids, their eyes staring right at us, They are so inquisitive.</p> <p>Resource link for more info; http://justfunfacts.com/interesting-facts-about-squids/</p>
 <p>Slide 22</p>	<p>Sometimes we can hear the whales singing.</p> <p>Have you ever heard a whale sing, their song is tuneful and powerful.</p>
<p>Group interaction</p>	<p>(Teacher's note : <i>Play this sound file</i>)</p>  <p>This is now my favourite music ever. Listening to the music I feel both happy and sad at the same time.</p> <p>Have you ever felt like that, both happy and sad?</p>





 <p>Slide 23</p>	<p>We fly close by the amazing octopus who's skin can change texture, from smooth to bumpy and change into many colours and patterns. I wish I could do that, wouldn't it be wonderful? If I wanted to hide I could go into the garden and my skin would become green and bumpy like the textures of the plants and no one would see me.</p> <p>Resource link for more info; https://www.youtube.com/watch?v=ydrc489USbM</p>
 <p>Slide 24</p>	<p>If we are really lucky we get to see these fish. What a fun shape they are.</p> <p>Resource link for more info; https://www.wildsea.eu/marine-species/sunfish.html http://mentalfloss.com/article/64197/14-fascinating-facts-about-ocean-sunfish</p>
<p>Group interaction</p>	<p>Can you guess what they are called? They are called a moon fish or a Sunfish?</p>
 <p>Slide 25</p>	<p>“Where are we going, Zaza?” I asked Zaza.</p> <p>“To see to coral goddess,” she called back.</p> <p>The coral goddess sits on a beautiful lotus flower made out of sea plants and colourful corals, fish and other sea creatures. She lives in an marvellous underwater coral garden and she blesses the corals, the seas and all that live in them. She protects all the creatures, corals and plants in the sea. She knows how good fish is for your health. She understands it is good to eat fish as they have proteins for your muscle, iron for strong bones and oils that keep your brain healthy.</p> <p>Resource link for more info; https://www.youtube.com/watch?v=kORcvRoWYtM</p>
<p>Assessment question</p>	<p>Question 2: Zaza is happy when humans do good things for the sea. What are some of the things humans do that are good for the ocean?</p>

 <p>Slide 26</p>	<p>Now we have shared our love of the seas. Zaza would like to know what do you love about the sea.</p>
<p>Group interaction</p>	<p>She has asked if you can make a drawing of your mermaid or merboy for her? What is your mermaid or merboy name? Can you draw the things and friends you see and what you love to do in the sea.</p> <p>Zaza would love to see to see. Can you make Zaza a drawing.</p>
<p><u>Creative activity-</u></p>	<p>Please see separate activity plan for this creative activity.</p>
<p>Slide 27 - 40</p>	<p>(Teacher Note - Show <i>Slides 27 - 40</i> Other children's images for inspiration, help the less able kids to draw outlines. Walk around the group encouraging and talking with each kid about their character, its name, who he or she is playing with, etc.)</p> <p><i>Play whale music;</i> https://www.youtube.com/watch?v=HNkzxrSfAhA https://www.youtube.com/watch?v=FE4EQF3UYro https://www.youtube.com/watch?v=VI2VqZYsW_k https://www.youtube.com/watch?v=4SujL16F1U4 https://www.youtube.com/watch?v=IFjGUFiWEtc</p>
 <p>Slide 41</p>	<p>Zaza is happy alot but sometimes she is sad because she thinks that us humans do not love the ocean.</p> <p>Resource link for more info; https://www.treehugger.com/clean-technology/the-ocean-has-issues-7-biggest-problems-facing-our-seas-and-how-to-fix-them.html</p>
<p>Assessment Question</p>	<p>Question 3: Do you know what some of the things humans do that are bad for the ocean? What are some of the things Zaza might be sad about?</p>

 <p>Slide 42</p>	<p>Zaza told me a story one day about some men in a boat who throw very large nets into the sea.</p>
 <p>Slide 43</p>	<p>They catch so many fish. Gathering them together in a big bunch. Zaza's fish friends get caught up in the net and no matter how much they wriggle they cannot escape.</p> <p>Resource link for more info; https://www.worldwildlife.org/threats/overfishing</p>
 <p>Slide 44</p>	<p>The nets become full and are pulled onto huge boats. Zaza says it is ok too catch fish, fish is good for humans to eat. But humans use these big nets that catch so many fish.</p>
 <p>Slide 45</p>	<p>The fishermen only want the fish they can sell and all the others animals are thrown back into the sea, swept into the water like rubbish. This is called By-catch.</p> <p>Zaza feels so upset. It's such a waste and she wishes the fishermen would be more careful. If too many fishes are caught then we don't have fish in the sea and there will be no fish for you to eat!</p> <p>Resource link for more info; https://www.worldwildlife.org/threats/overfishing</p>
 <p>Slide 46</p>	<p>Then you have these other boat with a totally different kind of net called trawling nets.</p> <p>Resource link for more info; https://marine-conservation.org/what-we-do/program-areas/how-we-fish/destructive-fishing/</p>

 <p>COMMERCIAL FISHING Fishing trawler</p> <p>Slide 47</p>	<p>These nets are dropped to the bottom of the sea with heavy weights to keep them from floating. The boats drag them along the sea floor. It makes the most horrible noise as it breaks through the coral and rocks. Gathering everything in its path, fish, crabs, starfish, rocks and corals.</p>
 <p>Slide 48</p>	<p>Afterwards the sea floor is all broken like a huge storm has ripped through a garden, Trees and flowers are torn from their roots or like a crazy monster has trampled on everything.</p> <p>The corals and creatures grow very slowly deep in the sea so far away from the sunlight. After the trawling nets visit, the seafloor is bare and broken.</p>
 <p>Slide 49</p>	<p>Zaza's eyes fill with tears. The nets catch everything.</p>
 <p>Slide 50</p>	<p>When Zaza feels sad she gives Kasper a hug.</p>
 <p>Slide 51</p>	<p>Sometimes when the boats leave they throw away their empty old nets behind floating in the water.</p> <p>Resource link for more info; https://news.nationalgeographic.com/2018/06/heather-koldewey-explorer-nets-plastic-philippines-ocean-culture/</p>
<p>Group interaction</p>	<p>Do you know what these nets are called?</p> <p>They are called ghost nets.</p>

	<p>Zaza tries to show her friends how to see the floating nets but they see things differently from her and cannot see the net, like this poor turtle. The more they try to escape the more tangled up they get.</p>
<p>Slide 52</p>	
	<p>Zaza loves her friends and seeing them tangled in the nets she feels very sad.</p>
<p>Slide 53</p>	
	<p>There are fishermen who respect the sea. They do not throw their old nets in the sea and they help set the animals free.</p> <p>These fishermen are careful about how they catch their fish. They use small nets and only catch what they will eat.</p>
<p>Slide 54</p>	<p>Resource link for more info; http://thefishproject.weebly.com/artisanal-fisheries.html</p>
	<p>Some fishermen really do care. They grow fish and sea plants like farmers and gardeners. They care about their crop and help them grow.</p> <p>This fisherman is growing seaweed, Sea weed is very good for our health.</p>
<p>Slide 55</p>	<p>Resource link for more info; https://www.fastcompany.com/3052949/vertical-seaweed-gardens-are-the-new-way-to-feed-ourselves-from-the-overfished-oceans</p>
<p>Group interaction</p> 	<p>What is this animal, does anyone know?</p>

 <p>Slide 56</p>	<p>They are mussels which is a shell fish.</p> <p>This fisherman is growing them on ropes. They grow very fast and are yummy to eat too!</p>
<p>Group interaction</p> 	<p>Has anyone eaten them?</p> <p>(Teacher' s note Talk about cooking, ask any if they have favourite recipes for fish, have some fun.)</p>
 <p>Slide 57</p>	<p>This is blue label with a fish design on it, you can look for it in the supermarket. It makes sure the fish we want to buy and eat has been caught buy the fishermen who take care. (NB Only relevant to certain countries there may be a local equivalent labelling) If you cannot find the label Zaza says why not ask the staff in the shop or restaurant if they have fish that have been caught sustainably or in a good way, protecting the fish and Zaza;s other friends,</p> <p>(Teacher' s note: Talk to group about how they can help? E.G. When you next buy fish ask the shop assistant if they know where and how the fish were caught? NB please do remind them ; Fish is super healthy to eat)</p>
<p>Assessment question</p>	<p>Question 4 - What do you remember about Zaza and her adventure today?</p>
 <p>Slide 58</p>	<p>The coral goddess, remember we saw her earlier, she is so wise. At night she sends magical dreams to the scientists and fishermen explaining exactly how much fish can be caught and which nets should be used.</p> <p>The Coral Goddess would like us to <i>stand, form a circle and hold hands</i></p> <p>(Teacher' s note: you could play this video whilst doing the standing circle. After the speaking at the beginning of the video is music and visuals of the coral goddess https://www.youtube.com/watch?v=EABwNeethDw&t=3s)</p>

<p>Interactive sharing and expressing activity</p>	<p>(Teacher's note: <i>Get the children to stand, form a circle and hold hands</i>)</p> <p>Zaza would like to know how you feel? Zaza says it is ok to be sad and angry. She would also like it if we can each make a promise to the coral goddess, to help protect the creatures of the deep. She lives under the water blessing and protecting the seas and all who live there. She hears your promise and this makes her happy.</p> <p>I feel very angry.</p> <p>(Teacher's note: <i>Stomp your feet, express physically how this makes you feel, make a noise if you like.</i>)</p> <p>My promise is that I will tell my friends and family they can buy fish that is caught in a friendly way for the sea and the animals in.</p> <p>(Teacher's note: <i>Go around the circle one by one and ask each child how they feel and what is their promise?</i></p> <p><i>Take your time, encourage the shy children. If a child really does not want to speak that is fine, move onto the next in the circle, until everyone has had the opportunity to speak.</i></p> <p>How does this make you feel? What is your promise to the Coral Goddess?</p>
	<p>(Teacher's note: <i>Once each child in the circle has spoken</i>)</p> <p>We can share our promise with Zaza too, it will make her happy knowing you care.....</p> <p>Okay. Now close your eyes and put your hand on your heart, take a deep breath, Imagine you are by the sea and blow your promise to the coral goddess, to Zaza, to the waves, to the dolphins, whales and fish that live there.</p> <p>Blow!</p> <p>(Teacher's note: <i>If you have time ask the kids to go and write their promise down.</i>)</p>

Group Interaction (Optional)	<p>(Teacher’s note: If you would like to finish with this thank-you from Zaza)</p> <p>Zaza thanks you for caring about her story, and for your drawings, your promises and your special magic wish.</p> <p>She has a special magic wish for you too...</p> <p>May you be as bright as the moon on a dark inky sea And shine light on the earth like a star in the sky May you care for the world and the places you can’t see For the friends of the deep and up high You are special you are the ones that can shine Because you know my world is yours and your world is mine</p>
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“The Marine Foundation is developing this product with ResponSEable, a Horizon 2020 European research project mapping European marine research and knowledge to further our understanding of complex human-ocean relationships and the economic benefits that we derive from our seas and the ecosystems they support. “



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