

Date	Class level First Class and Second Class	Subject Physical Education
Strand Games	Strand Unit Creating and Playing Games. Understanding and Appreciation of Games.	
Title Marine Food Chain Game.		
Objective(s) The aim of the lesson plan is for the children to play playground games, learning about the marine food chain.		
Learning objectives		Learning activities
<p>The child will be enabled to:</p> <p>Engage in fun and enjoyable warm activities.</p> <p>Learn about the ocean food chain.</p> <p>Participate in a fun playground game which will teach the marine food chain.</p> <p>Relax through a cool down activity.</p>		<p>Directed Approach/Talk and Discussion:</p> <p>Begin this lesson with a discussion with the children about the ocean food chain. It would be useful to have some pictures of the sea creatures ready to display for the children.</p> <p>A food chain is a way of dividing different creatures in a habitat into levels. Each level is dependent on the creatures in the levels below as their food source.</p> <p>The top layer of the ocean food chain consists of fast moving and large predators such as sharks and sea birds.</p> <p>The next level is inhabited by smaller meat eating creatures such as Sea bass, octopus and meat eating shellfish.</p> <p>The next level is the creatures that eat plants for sustenance. These include tiny fish, jellyfish, shellfish, and zooplankton (tiny microscopic animals).</p> <p>The lowest level are plants which get their energy from the sun. These include tiny plants called phytoplankton, and seaweeds and algae.</p> <p>Introduce the students to the two examples of marine food chains attached.</p> <p>Directed Approach:</p> <p>Line the children up against a wall.</p>

Discuss the safety aspects of the PE lesson with them. Good behaviour and cooperation from the children is an essential element of any PE lesson. Instruct the children to find a space bubble, this is when they are stretched out and cannot touch anyone. A fun warm up activity, is skipping around with space bubbles puffed out, if you tip anyone your bubble pops!

Call out some of the sea creatures names and the children move like that creature. When the children are sufficiently warmed up move to the next portion of the lesson.

Guided Discovery/ Integration:

Play a variation of the game 'The Farmer in the Dell' with the class to reinforce their food chain knowledge.

Have all children stand in a circle. They join hands and step out ensuring that everyone has enough space.

Select a child to be at the top level of the food chain. They can choose which creature to be and will act as that creature in the middle of the circle.

Once the child is in the middle of the circle, the others start moving anti-clockwise skipping and singing:

'The _____ is in the sea,
The _____ is in the sea,
Splish, splash. splish, splash,
The _____ is in the sea.'

This child then selects a child from the next level. This child chooses what it will be.

The _____ picked a _____.

This continues on for the four levels. An example may be dolphin, herring, jellyfish and phytoplankton.

These creatures then try one by one to escape the circle by trying to squeeze through two people linking hands.

This game can be played numerous times.









Cool down activity:

The children return to their space bubbles.

	<p>The children engage in a variety of stretches and breathing activities such as big as a whale, small as a guppy stretches or breath in the sea air, blow the bubbles breathing techniques.</p>
	<p>Resources</p> <p>Space</p> <p>Pictures (Attached).</p>
<p>Differentiation Higher and Lower order questioning. Differentiate group activities and roles to account of individual needs, by support, task. Mixed ability pairing.</p>	
<p>Assessment Teacher Observation and Questioning.</p>	
<p>Linkage and Integration Science: Ask students to look at an image of “Marine Food Chains” placed on the Interactive White Board. How many different animals can they see? Visual Arts: Students construct a model of one of the marine animal in their food chain out of clay. English: Read the story “This is the Sea that feeds us” by Robert Baldwin to the students.</p>	

Explorers Education Programme

Examples of Marine Food Chains

	
<p>Seaweed and Phytoplankton is eaten by</p>	<p>Seaweed and Phytoplankton is eaten by</p>
	
<p>The limpet, which is eaten by</p>	<p>The small fish, which is eaten by</p>
	
<p>The Dogwhelk, which is eaten by</p>	<p>The Octopus, which is eaten by</p>
	
<p>The Bird (Mediterranean Gull)</p>	<p>The Shark</p>