

Pilgrim Federation Curriculum Coverage Ideas and Resources for the Learning Theme:
Water (including the seaside)

EYFS	
Continuous provision will be in place throughout the learning theme based on PLODS (Possible Lines Of Development)	
Art & Design	Computing
<p><u>Creating with Materials ELG</u> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form, and function.</p> <p>Share their creations, explaining the process they have used.</p> <p>Make use of props and materials when role playing characters in narratives and stories.</p> <p>Use a range of materials.</p> <p>Use drawing, painting and sculpture to express ideas and imagination.</p> <p>To study the work of a range of artists and develop techniques associated with line, form, shape, colour etc.</p> <p>Cardboard river https://www.darrellwakelam.com/news/cardboard-box-river</p> <p>Focuses could include well known paintings depicting water and/or artists that use technique to express water e.g. the work of Mark Shasha or Hokusai's 'the wave'.</p> <p>Seascapes</p> <p>Becca Boyce – printing</p> <p>Make your own model of Endurance https://www.rgs.org/schools/teaching-resources/make-your-own-model-of-endurance/</p>	<p>Use technology to support learning.</p> <p>Understanding how to program to make technological equipment work.</p> <p>Recognise use of technology outside of school – wave power link to science.</p>

Design & Technology	Geography
<p>Design – consider ascetics and functionality.</p> <p>Make – use a range of tools safely and effectively.</p> <p>Evaluate – test against criteria for purpose of design and judge.</p> <p>Adapt as necessary.</p> <p>Design and make your own boat.</p>	<p><u>People Culture and Communities ELG</u> Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps</p> <p>Name and locate the world’s oceans (in relation to continents).</p> <p>Water cycle (links to science).</p> <p>Water as a means of creating landscape features – rivers, streams – coastal erosion.</p> <p>Oceans and Seas https://teachers.thenational.academy/units/oceans-and-seas-a546?from_query=sea</p> <p>Where are the world’s oceans? https://teachers.thenational.academy/lessons/where-are-the-worlds-oceans-chk3jc?from_query=sea</p> <p>What is an ocean? https://teachers.thenational.academy/lessons/what-is-an-ocean-crrp6e?from_query=sea</p> <p>How deep is the ocean? https://teachers.thenational.academy/lessons/how-deep-is-the-ocean-6hjk8c?from_query=sea</p> <p>What lives in the ocean? https://teachers.thenational.academy/lessons/what-lives-in-the-ocean-71gk2r?from_query=sea</p>

	<p>What's the difference between the ocean at the North Pole and the Equator? https://teachers.thenational.academy/lessons/how-is-the-ocean-different-at-the-north-pole-and-the-equator-c5ip2r?from_query=sea</p> <p>Why are our oceans important? https://teachers.thenational.academy/lessons/why-are-our-oceans-important-cdj6cr?from_query=sea</p> <p>Why are oceans under threat? https://teachers.thenational.academy/lessons/why-are-the-oceans-under-threat-70t32c?from_query=sea</p> <p>How can we protect our oceans? https://teachers.thenational.academy/lessons/how-can-we-protect-our-oceans-c4vk6r?from_query=sea</p> <p>How are people protecting our oceans? https://teachers.thenational.academy/lessons/how-are-people-protecting-the-oceans-6rwkd?from_query=sea</p> <p>Campaigning to protect our oceans https://teachers.thenational.academy/lessons/campaigning-to-protect-the-oceans-cck6e?from_query=sea</p>
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History	Music
<p><u>Past and Present ELG</u> Talk about the lives of the people around them and their roles in society;</p> <p>Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class;</p> <p>Understand the past through settings, characters and events encountered in books read in class and storytelling</p> <p>Significant local events – for the coastal schools the notable storm and erosion damage.</p> <p>Significant Britain’s e.g. - Sir John Harrington and in the invention of the flush toilet, developments in lifestyle and health through sanitation</p> <p>Significant events in the past nationally and internationally incl. festivals where appropriate.</p> <p>Examples could include – a life on the water – Nelson/ Captain Vancouver etc.</p> <p>Earnest Shackleton https://www.rgs.org/schools/teaching-resources/teaching-ernest-shackleton-as-a-significant-indivi/</p>	<p><u>See also Charanga Schemes of work</u></p> <p><u>Being Imaginative and Expressive ELG</u> Sing a range of well-known nursery rhymes and songs;</p> <p>Perform songs, rhymes, poems and stories with others, and – when appropriate try to move in time with music.</p> <p>Use voice creatively.</p> <p>Play tuned and untuned instruments.</p> <p>Experiment with and combine interrelated dimensions of music.</p> <p>Listen to a range of music recorded and live.</p> <p>Focuses could include Handel’s water music, Mendelssohn’s Fingal’s cave – how is the water represented? What sounds represent water and how is this changed as water moves differently? etc.</p>

Physical Education	Science
<p><u>See also RealPE Schemes of work.</u></p> <p><u>Gross Motor Skills ELG</u> Negotiate space and obstacles safely, with consideration for themselves and others;</p> <p>Demonstrate strength, balance and coordination when playing;</p> <p>Move energetically, such as running, jumping, dancing, hopping, skipping and climbing</p> <p>Master basic movement.</p> <p>Participate in team games.</p> <p>Perform dances and sequences using patterns of movement.</p> <p>This could be topic linked if desired.</p>	<p><u>The Natural World ELG</u> Explore the natural world around them, making observations and drawing pictures of animals Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.</p> <p>Animals and plants – what living things need to survive and thrive – need for water.</p> <p>Precious water – could be linked to drought and water projects around the world.</p> <p>Use of materials – waterproofing.</p> <p>Sinking and floating cork pirate boats.</p> <p>What things live under the sea https://classroom.thenational.academy/lessons/to-identify-different-creatures-that-live-under-the-sea-75hkjt?from_query=the+maya</p> <p>Name things that I would need to take to the beach https://classroom.thenational.academy/lessons/to-name-what-i-need-to-take-to-the-beach-64up2t?from_query=the+maya</p> <p>Frozen Ocean quiz https://www.bbc.co.uk/cbbc/quizzes/frozen-planet-2-frozen-ocean?collection=cbbc-top-picks-today</p>

English	Maths
<p>https://www.booksfortopics.com/seaside https://www.booksfortopics.com/under-the-sea</p> <p>Fiction: The Lighthouse Keeper's Lunch - Ronda Armitage & David Armitage At the Beach - Roland Harvey Katie Morag's Island Stories - Mairi Hedderwick Town Is by the Sea - Joanne Schwartz & Sydney Smith Storm Whale - Benji Davies Sally and the Limpet - Simon James Magic Beach - Alison Lester Billy's Bucket - Kes Gray & Garry Parson Dougal's Deep-Sea Diary - Simon Bartram Twinkle, Twinkle, Squiglet Pig - Joyce Dunbar & Tim Hopgood The Snail and The Whale – Julia Donaldson</p> <p>Poetry: Seaside poems – Janet Bennett Hooray for Fish - Lucy Cousins The Snail and the whale – Julia Donaldson Tiddler</p> <p>Non-Fiction: The Rhythm of the Rain - Grahame Baker-Smith Secrets of the Seashore: A Shine-a-Light Book - Carron Brown & Alyssa Nassner A First Book of the Sea - Nicola Davies & Emily Sutton How Does a Lighthouse Work? - Roman Belyaev Flotsam - David Wiesner (wordless picture book) The Coral Kingdom - Laura Knowles & Jennie Webber Seashore: 100 Facts - Steve Parker Atlas of Ocean Adventures - Emily Hawkins & Lucy Letherland</p>	<p>Measure and scale (when using maps)</p>

The Big Book of the Blue - Yuval Zommer
10 Reasons to Love a Turtle - Catherine Barr & Hanako Clulow
Shark Lady - Jess Keating & Marta Alvarez Miguens
Smart About Sharks - Owen Davey
The Blue Whale - Jenni Desmond
Under the Sea (See Inside) - Kate Davies and Colin King
Life on Earth: Ocean - Heather Alexander & Andres Lozano
One Day On Our Blue Planet: In the Ocean - Ella Bailey

Song:

Row, row, row, your boat
There's a hole at the bottom of the sea

Drama:

Courageous Advocacy	Developing Spirituality
<p>(See Geography)</p> <p>Why are oceans under threat? https://teachers.thenational.academy/lessons/why-are-the-oceans-under-threat-70t32c?from_query=sea</p> <p>How can we protect our oceans? https://teachers.thenational.academy/lessons/how-can-we-protect-our-oceans-c4vk6r?from_query=sea</p> <p>How are people protecting our oceans? https://teachers.thenational.academy/lessons/how-are-people-protecting-the-oceans-6rwkid?from_query=sea</p> <p>Campaigning to protect our oceans https://teachers.thenational.academy/lessons/campaigning-to-protect-the-oceans-ccrk6e?from_query=sea</p> <p>Think about those that have been impacted by flooding or coastal erosion both here in the UK and other parts of the world.</p> <p>Looking after our rivers (especially the chalk streams in this area). Look at the work of the Rivers Trust (Norfolk Rivers Trust).</p> <p>Raise awareness of the impact of pollution in our rivers and seas both here in the UK and the rest of the world. What can we do to raise awareness and do our bit?</p> <p>Water is a precious resource – what can we do to stop waste?</p>	<p>Sense of awe and wonder that without water our planet would not sustain life. Think about the term ‘Blue Planet’.</p> <p>Noah’s Ark - floods</p>

Other Ideas

Look at the local area and how rivers and lakes have similarities and differences to the sea.

Boating lake at Sheringham or Cromer.

Link to pirates/ocean explorers

<https://www.bbc.co.uk/cbeebies/topics/pirates>

King's Lynn Docks

Lifeboat museum Sheringham

Cromer/Sheringham/Wells Lifeboat Station

Compare sail, steam and petrol powered boats. Look at Jet Skis and Jet Bikes.

Look at cruise liners

CBeebies – Octonauts

Old Jack's Boat

Under the sea (EYFS) https://teachers.thenational.academy/units/under-the-sea-3ec2?from_query=sea