



Why is water precious?



Learning Journey

Engaging

Authentic

Rigorous

Nova Curriculum

Year 1

Terms 5 & 6

Big concept: preserving and reusing

Overview:

This enquiry enables learners to learn about how water is precious. We will be learning about the oceans and seas surrounding Bristol and the United Kingdom as well as the names of the oceans and seas surrounding the world. We will explore how animals need water to survive and build on our understanding of plants from Term 4. We will look at how Bristol is shaped by the water surrounding it and explore the famous Suspension Bridge and boats made in the local area.

As scientists, the children will be learning about different common animals and ways in which we can identify and classify them. We will be exploring characteristics and groups of animals, where they live and why and what they eat.

As artists, the children will explore form and sculpture to make their own fish from recycled materials using joining techniques. We will be exploring the colour and textures of the ocean, creatures and plants. We will be visiting Bristol Aquarium to learn more about conservation of our fish and mammals.

As geographers, the children will be investigating the world oceans and continents. We will be learning about the seven seas and which are local to us in Bristol. We will be recapping our knowledge of human and physical features and how the seasons are changing from spring to summer.

As designers, we will be researching our class ships and designing our own ship. We will be making our ships using our knowledge of everyday materials and testing to see if they float on water. In the final stage we will refine our designs.

Learning links (previous learning):

Children have learned about traditional tales and familiar songs in the EYFS. This unit will give children the opportunity to investigate characters and themes from traditional tales in more depth and detail.

Celebrating diversity and inspirational People:

Cabot / Brunel – ship building
Brunel – Clifton Suspension Bridge

Launch and Landings

Launch: Experiences throughout unit to launch the learning of different aspects e.g. trip to the aquarium,

Landing: Plasticarium showcase – making an aquarium in the hall to show parents

Experiential learning opportunities:

Experiences throughout unit to launch learning

- Aquarium visit
- Clifton Suspension Bridge visit

NC Objectives – Skills, knowledge and vocabulary taught through Line of Enquiry	
Geography	DT – Materials (textiles)
<p>Where are the world oceans?</p> <ul style="list-style-type: none"> Name and locate England, Scotland, Wales and Northern Ireland on a map, and know the capital cities. Name and locate the world's seven continents and five oceans, and the seas around the UK. Identify and describe human and physical features of a place Identify ways in which pollution affects our seas and oceans Compare the different seasons and weather 	<p>What does a ship look like? What materials can we use to make a ship that floats?</p> <ul style="list-style-type: none"> Research parts of ships Research properties of everyday materials To design a ship using every day materials To make a ship Testing Evaluating
Science	Art
<p>As scientists we will learn:</p> <ul style="list-style-type: none"> Identifying and naming some common animals Identify and name animals that are carnivores, herbivores and omnivores How to classify animals by their characteristics (fish, amphibians, reptiles, birds and mammals) Identify, name, draw and label the basic parts of the human body Say which part of the body is associated with each sense 	<p>Why is water precious? Formal Elements of Art: Form, colour, texture Art and Design Skills: Craft and Design 3D Form As Artists we will: During this unit of learning, children will:</p> <ul style="list-style-type: none"> explore the problem of ocean plastic, where does it come from and why? Create a collage of the ocean using different materials to represent ocean elements e.g. fish, seaweed, marine life and coral Explore fish, seaweed, coral and create simple line drawings Explore colour and texture of the ocean Experiment with different joining techniques Plan a simple sculpture Create own sculpture using recycled plastic

Opportunities for core subject learning across the curriculum	
As readers and writers we will:	As mathematicians we will:
<p>Class texts: Rainbow Fish The Wish Fish Barry's Fingers The Fish Who Could Wish</p>	<p>Understand multiplication and division as</p> <ul style="list-style-type: none"> Counting in 2s 5s and 10s Make equal groups Make arrays Make doubles

<p>As writers: Rainbow Fish - journey stories Sharing a Shell - meeting tale</p> <p>Class texts: 1000 Animals Usborn, Under The Sea Usborn</p> <p>As writers: Dolphins –information: non fiction report How I saved the whale – Information - recount</p>	<ul style="list-style-type: none"> • Making equal groups sharing • Making equal groups grouping <p>Understand fractions as</p> <ul style="list-style-type: none"> • Recognising a whole, half and quarter of an object or shape • Finding a whole, half and quarter of a quantity <p>Understand the measurements of money and time</p> <ul style="list-style-type: none"> • Tell time to the hour and half hour • Recognise months of the year and days of the week • Count in coins and notes • Calculate with coins <p>Place Value to 100</p> <ul style="list-style-type: none"> • Count forwards and backwards • Partition numbers into 10s and 1s • Know one more and one less from any number to 100
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Discrete subject teaching - Skills, knowledge and vocabulary taught discretely	
Physical Education	Music
<p>As fit and healthy citizens we will develop skills in:</p> <p style="text-align: center;">Athletic Team building</p>	<p>As Musicians we will develop music skills and knowledge through Bristol Beacon music curriculum:</p> <p style="text-align: center;">Unit 2 Water (composition) for audience</p> <p style="text-align: center;">Unit 1 Air – Composition from Bristol Plays Music Plans (<i>Choir performance at fundraising sale</i>)</p>
Computing	PSHE
<p>In computing we will develop skills through Teach Computing scheme:</p> <p style="text-align: center;">Programming A – Moving a robot</p>	<p>As fit and healthy citizens we will develop our knowledge through SCARF scheme:</p> <p style="text-align: center;">Being my best Growing and changing</p>
RE	
<p>As philosophers we will explore the question:</p>	

What makes some places sacred?
Church & another religious building