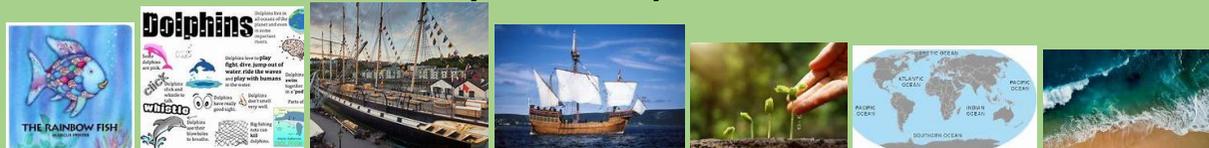




Why is water precious?



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 how oceans and sea, the history and design of ships, animals that live in oceans and seas and how all living things need water to survive.

As scientists, the children will be learning about what are different parts of a plant called, how to identify different plants and the different leaves from native trees (deciduous and evergreen). We will be investigating how plants grow and setting up experiments to test different conditions for plant growth.

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.

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

Launch and Landings

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

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

Experiential learning opportunities:

Experiences throughout unit to launch learning

- Aquarium 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"> • Locational Knowledge – Continents and oceans (recap uk) • Human & Physical Geography- weather and seasons (termly throughout the year) • Place Knowledge- describe place and identify natural and man-made features • Human & Physical Geography- physical and human 		<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: How do our gardens grow? We will study:</p> <ul style="list-style-type: none"> - identify and name a variety of common wild and garden plants, including deciduous and evergreen trees - identify and describe the basic structure of a variety of common flowering plants, including trees. - use the local environment throughout the year to explore and answer questions about plants growing in their habitat. - observe the growth of flowers and vegetables that they have planted. - names of flowers, examples of deciduous and evergreen trees, and plant structures - observing closely, perhaps using magnifying glasses, and comparing and contrasting familiar plants; describing how they were able to identify and group them, and drawing diagrams showing the parts of different plants including trees. - Pupils will records of how plants have changed over time, for example the leaves falling off trees and buds opening; and compare and contrast what they have found out about different plants. 		<p>Why is water precious? Formal Elements of Art: Form, colour, texture Art and Design Skills: Craft and Design 3D Form</p> <p>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 As writers (text types): journey stories</p> <p>Class texts: Dolphins As writers (text types): information - non fiction report</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 • Making equal groups sharing • Making equal groups grouping

Discrete subject teaching - Skills, knowledge and vocabulary taught discretely	
Physical Education	Music
<p>As fit and healthy citizens we will develop skills in: Athletic Team building</p>	<p>As Musicians we will develop music skills and knowledge through Bristol Beacon music curriculum: Unit 2 Water (composition) for audience 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: Programming A – Moving a robot</p>	<p>As fit and healthy citizens we will develop our knowledge through SCARF scheme: Being my best Growing and changing</p>
RE	
<p>As philosophers we will explore the question: What makes some places sacred? <i>Church & another religious building</i></p>	