



ILP: Diving into the Abyss

ESSENTIAL KNOWLEDGE

- Understand where the oceans are in the world
- Understand the importance of the oceans on our planet
- Understand how human actions can impact on the ocean ecosystem
- Understand what they can do to help sustain the planet that they live on
- Know and categorise different aquatic plants and creatures
- Know how humans have acquired knowledge of life in the oceans through scientific research

Geography Targets - A Year 4 Geographer

I can locate the Tropic of Cancer and Tropic of Capricorn.
Use maps, atlases and globes to locate countries and oceans and describe features studied.
Describe and understand key aspects of human geography and impact.

Science Targets- A year 4 scientist can...

I can group living things in different ways.
I can use classification keys to group, identify and name living things.
I can create classification keys to group, identify and name living things (for others to use).
I can describe how changes to an environment could endanger living things.
I can use food chains to identify producers, predators and prey.
I can construct food chains to identify producers, predators and prey.

Art targets- A year 4 artist can..

I can use marks and lines to show texture in my art.
I can use line, tone, shape and colour to represent figure and forms in movement.

KEY QUESTIONS:

- What is the difference between counties, countries and continents?
- What is the tropic of cancer and Capricorn and what is their role on the planet?
- What does an ecosystem in the ocean look like?
- How do humans benefit from the world's oceans?
- What do humans do that impacts life in the oceans?

Our Learning Journey

Supporting your child's learning at home.

EngEageEnga
αα

Children will:

- Find out how submarines work through conducting an experiment to find out how to keep a paper man dry in a bowl of water. They will also explore whether oranges float or sink and discuss what this could teach them about submarines.
- Identify living creatures from the world's oceans and group them using scientific vocabulary.
- Explore poetry based around seas and oceans. They will find out about personification and discuss the impact of this on the reader.

- Please ensure that your child reads daily at home and practises for their weekly spelling test.
- There will be 1 'My Choice' homework task this term. The children will have 2 weeks to complete the task. Please write a comment in

Develop	<p>Children will:</p> <ul style="list-style-type: none"> • Write and perform poetry in pairs, using personification to have an impact on the reader. • Explore persuasive texts and how these are effective in real life situations. • Create a persuasive text that is aimed at educating future generations about the importance of recycling plastic • Identify the world's oceans and continents using maps and the internet • Discuss geography specific vocabulary and their meanings- longitude and latitude, tropic of cancer and Capricorn, equator. • Use and create branching databases to distinguish between different species of ocean creatures. • Explore ocean-based food chains and webs and discuss the effect of removing one or a few from the ecosystem. • Understand how creatures adapt to their surroundings 	<p>the parents' box and encourage high standards of presentation.</p> <ul style="list-style-type: none"> • Maths homework will alternate every week between Maths Target Team (to be completed in a book) and Mathletics (children are encouraged to earn a certificate by gaining 1000 points in a week). • Children are also encouraged to use Times Table Rockstars as often as possible to help develop their rapid recall of times tables facts. <p>We are really looking forward to getting to know you all. Please do not hesitate to contact us if you have any queries relating to homework or any other aspects of your child's learning.</p>
Express	<p>Children will:</p> <ul style="list-style-type: none"> • Understand and express how human actions can affect the world's oceans and their ecosystems. • Create ballads using musical and poetic skills to consolidate knowledge acquired over the unit. 	<p>Miss Millington and Mrs Cave</p>

Maths	<p>Addition and subtraction – Consolidation of written methods</p> <p>Multiplication and division- 11 and 12 times table/ Multiplying 3 numbers/Factor pairs/ written methods</p> <p>Measurement- what is area?/ counting squares/ making shapes/comparing area</p> <p>Fractions- What is a fraction? / Equivalent fractions</p>
English	<p>Exploring poetry- What is personification? How can it be used effectively?</p> <p>Persuasive texts- Identify and explore persuasive language/ create a persuasive text in the form of an informative flyer</p> <p>Ballads- Create a ballad using poetic devices to express the learning from 'Diving into the Abyss' unit.</p>

Science	<p>Group living things in different ways</p> <p>Use classification keys to group, identify and name living things</p> <p>Create classification keys to group, identify and name living things (for others to use)</p> <p>Describe how changes to an environment could endanger living things</p>				
Art & DT	<p>Exploring tone and shade with sketching pencils</p> <p>Create a still life drawing of fish using appropriate graded pencils</p>	PE	<p>Swimming</p> <p>Dance-exploring movement</p>	RE	Hinduism
Computing	<p>Using internet search tools safely and appropriately</p> <p>Use publisher to create a persuasive flyer (text boxes, word processing, copy and pasting images)</p>	PSHE			Living in the wider world- economic well-being and being a responsible citizen
Geography	<p>Use maps, atlases and globes to locate countries and oceans and describe features studied</p> <p>Describe and understand key aspects of human geography and impact</p>	French			Greetings and Numbers
History		Music			Ballads-exploring and creating