

Maths

Place Value: Read, write and order numbers beyond a million, counting forwards and backwards, understanding place value + comparing numbers, rounding numbers, negative numbers in context, comparing temperatures

Decimals: Place value up to 3 decimal places, decimals in measurement, counting, adding, subtracting decimals, connections between fractions and decimals, comparing, ordering and rounding decimals

Fractions: Order and compare fractions, fraction equivalents, improper fractions and mixed numbers

Addition and subtraction: Mental addition and subtraction strategies, column addition and subtraction

Multiplication and division: Times tables focus throughout

Shape: Properties of 2D and 3D shape

Computing & PE

Computing

- Use technology safely and responsibly
- Word Processing for Ocean Activist debate topic
- Presentations for Ocean exhibition
- E-Safety - Shell-like security
- AI using Ocean Waste Management Robot

PE

- Develop flexibility, strength, technique, control, and balance through games.
- Learn competitive sports (field hockey, beach volley and basketball), and apply basic principles suitable for attacking and defending.
- Develop running, jumping, and throwing, through athletics.
- Introduction to the Olympic movement and values.

Music & Drama

Music

- Introduction and recap of last term & summer holidays.
- Octaves and Harmonies
- Improvisation & composition "Barlavento School Song"
- Magnet Moon Song (Tides)

Drama

- Drama games
- Explore sea creatures through body movement & facial expression
- Show aspects of their personality through movement and gesture
- Create our own strange sea creature together
- Use our imaginary creatures to feature as characters in our story 'When Greta came to visit' - including aspects of the effects of climate change on the ocean, featuring Greta Thunberg

English

- Fiction: Use a Talk for Writing fantasy text 'A Gift from the Sea' to stimulate creative writing

- Non-Fiction: Research and produce a non-chronological information text about a sea creature - link with the work of David Attenborough (Blue Planet) and the documentary film 'My Octopus Teacher'

- Non- Fiction: Use persuasive writing to develop oracy to debate and present arguments with a focus on pollution and climate change - link to activist Greta Thunberg

- Fiction: A magical Christmas Tales text to stimulate creative writing

- Guided reading with comprehension questions

- Weekly spelling

Original Oceanologists - Making Waves



Amber Class

PSHE & Mindfulness

- Revisit our school values
- Revisit keeping safe, happy and healthy
- Celebrate our individuality, our uniqueness, our differences, our qualities, our successes, identify our goals for the year
- Explore a 'growth mindset' and embrace challenges and mistakes
- We will use mindfulness practices to support the development of the whole child through games, problem solving, philosophy and meditation:
- We will be investigating the question *what is happiness?*
- Exploring and expressing what *happiness* might be for us
- Discussing in the class how we can help share our understanding of *happiness* as we learn more

Topic

- Focus on coastal formation - compare the coastline of the UK with that of Portugal (possible beach trip + beach clean)
- Explore the importance of oceans - why do we need them?
- Explore the current state of our oceans - what are the problems with pollution and climate change?

- Explore the future of our oceans - how can we save our oceans? What must we do?

- Discover a variety of sea creatures and habitats at risk

- Explore and research the work of Greta Thunberg

- Look at safety at the seaside - what to do if in difficulty

Study key historical ocean events

- WW2 events - Dunkirk landings, D-Day and Pearl Harbour
- The Great Earthquake and Tsunami of Lisbon

Science: Identifying scientific evidence that has been used to support or refute ideas or arguments. Planning different types of scientific enquiries to answer questions.

Year 5: Study the science of Earth and Space: explore gravity, forces, friction linked with water resistance and displacement; how currents, tides and waves work

Year 6: Understanding of different body organs and systems; investigating flowering plants; understanding living things in their environment (Food chains and habitats).

Art & Design & Agriculture

Art

- My summer 2021: Collage
- Crafting a dreamcatcher
- Drawing movements- waves
- How to make a rainmaker

Garden

- What happened during the summer?
- Our autumn garden
- Preparing the ground for the winter- crops (seeding...)

Portuguese

- Know how to introduce oneself and to ask questions through dialogues.
- Learn Portuguese grammar - pronouns, adverbs, sentence structure and negative sentences.
- Introduction to Ocean related vocabulary through images, songs, videos, and stories.
- Learn sports and physical activity related vocabulary.