

Topic: 'The Blue Abyss

Literacy

The children will be planning and writing their own persuasive letters and posters to persuade others to stop polluting our oceans and seas. The children will also be learning how to debate for and against the topic of overfishing and pollution. They will create information texts and leaflets to educate others about the importance of looking after our oceans and seas.

Maths

This half term the children will be looking at data. They will read and analyse **data** about the size and area of coral reefs and how this has changed over time. They will complete data charts making predictions about future decades, and then explain what they have found out. The children will also create **Carroll diagrams** to classify marine life.

We will continue to develop children's speed and accuracy with mental calculations, including recalling times tables (2, 3, 5, and 10). We will extend children's written methods for all four operations including real life word problems.

Science

States of Matter

The children will learn and investigate the three primary states of matter; solids, liquids and gasses. They will investigate the ozone layer, the melting ice caps and how earthquakes affect land and sea. Investigate the impact that salt has on the dead sea. Explore coral reefs and their decay and reasons for it. Research volcanoes under the sea and create volcanic eruptions. Explore how liquids turn in to solids when lava goes in to the sea.

PE:

The children will be building their basic skills to plan sequences of movements with control and agility. Create dances to represent marine life and movement under water.

The children will also have the opportunity to take part in Football and gymnastic coaching sessions.

Geography

The children will locate and identify the major seas and oceans and research geographical characteristics of oceans (size/depth/temperature).

They will investigate oceans and seas in relation to continents and countries and explore how the oceans and seas are used around the world. Understand pollution, transport, mining and food and explore how criminal activities happen on the seas / oceans - piracy.

Music:

Children will be creating and developing their own musical ideas to write and perform their own shanties using instruments to create sounds that reflect the sea.

Computing:

Children will learn to use technology to find information including search engines to find specific information linked to our class topic. They will explore and analyse Databases on the quality of the seas and oceans and sea life over time. The children will create PowerPoint's to inform of the impact humans are having on the seas and oceans. They will compose e-mails to persuade politicians to help protect the seas and oceans.

DT

Children will be using the topic as a starting point to create fish skeletons using different materials. Make fabric fish using running stitch and create a mosaic aquarium.

R.E.

Children will read the story of Jonah and the Whale; they will role-play the story of Jonah and the Whale. Then they will rewrite the story from Jonah's point of view.

Reminders

- Please ensure all children have a suitable, labelled PE kit to be brought into school on a Monday and taken home again on a Friday as our PE days are subject to change.
- Water bottles are available to purchase from the office at £1.50 each.
- Children will be able to purchase a snack from our healthy Tuck Shop for 30p each day. They will only be permitted to buy one snack each day.
- As the weather starts to change please ensure all children have sunblock for when we have glorious sunny days.

Homework

- The children will continue to create a project of their own choice to correspond with our class topic.
- Spellings will be given out each Friday for the children to learn over the week, for a test the following Friday.

Summer 2017

Home Links

Year 4



Teachers

Mrs Bewick and Ms Mellor

Teaching Assistants

Miss Veitch and Mrs Cooper

