

Gorseybrigg Primary School and Nursery

Curriculum Matters



Term **Spring 2**
Year Group **5**
Teacher **Mrs R MacLeod**

Please note that not all subject areas will necessarily be taught each term and we cannot write down everything we teach!

Topic

Ocean Adventure

This term we will be exploring oceans, sea-life and coasts around the world with particular emphasis on:

- Coral reefs
- Sharks and rays
- Coastal features and erosion
- Environmental concerns

We will visit The Deep, research different marine animals, identify coastal features on maps and consider how to protect the world's oceans.

Literacy

We will read, orally present and write factual reports and discussion texts, considering bias, with an emphasis on organisational features and layout.

Charlotte's Web is our fiction focus and children will be exploring this in guided sessions.

Our class writing skills target is sentence structure including complex sentence structures and connectives.

Spelling work will include prefixes and suffixes.

Numeracy

The topics for this term are decimals and percentages:

This will include:

- Decimal place value up to 3 decimal places
- Ordering and comparing decimals and percentages
- Decimal, fraction and percentage equivalence
- Fraction and decimal problem solving
- Solving problems and investigating decimals and percentages

Design Technology and Art

In DT we will be studying the work of Alexander Calder, evaluating his moving sculptures and mobiles. We will design, make and evaluate ocean-themed mobiles using wire, textiles and netting; focusing on movement and structures.

In art sessions, the children will be making a whole-class coral reef, including papier-mâché coral and observational drawings of ocean life.

Science

Our science topic is Changing Materials. We will conduct investigations into solubility, evaporation and heating. We will consider thermal insulators and conductors. Later in the term, we will look at reversible and irreversible changes including burning, rusting and melting.

PSHE

We will be thinking about healthy lifestyles including studying sugary drinks and healthy alternatives.

The children will consider how to reduce stress and participate in yoga and mindfulness taster sessions.

Helping at Home

Thank-you so much for all the Space books and other resources. We have enjoyed using them. If children have ocean-themed books or models it would be lovely to see them. Also, if you have any unwanted beads or ribbon at home that we could use, we will need lots for our DT project.

Reading

Your child has brought home a copy of Charlotte's Web. This is for independent reading although we will be discussing the themes, characters and plot during small group sessions. It's really important that all children complete the book in order to participate – please let me know if there is any difficulty with this.

Maths

Thank-you for all your help learning times tables – I can tell that many children are working hard at these at home and are now really speedy!

Topmarks.co.uk is filled with interesting maths games that link to our objectives – look at the UKS2 section.

Brightonline.org.uk is a collection of resources aimed at KS3 pupils but might be enjoyed by able mathematicians in the class.