

# MATHS

## Multiplication and Division

Use factor pairs; Multiply and divide by 10 and 100; Related facts – multiplication and division; Informal written methods for multiplication; Multiply 2-digit and 3-digit numbers by a 1-digit number; Correspondence problems; Efficient multiplication

## Length and Perimeter

Measure in kilometres and metres; Equivalent lengths (km and m); Perimeter on a grid, of a rectangle and of rectilinear shapes; Find missing lengths in rectilinear shapes; Calculate perimeter of rectilinear shapes and of regular polygons

## Fractions

Understanding the whole, improper fractions, equivalent fractions, subtracting fractions.



# YEAR 4 TERM 3

## From the Atlantic to the Arctic Ocean



# SCIENCE

## Physics - Sound

- Vibrations
- The ear
- Investigate sounds
- Explore volume
- Explore pitch
- Plan, investigate and evaluate – volume experiment



# WE ARE READING...

Continued from last term...

*My Name Is River* – Emma Rea

*The Secret Wild* by Alex Evelyn



# GEOGRAPHY

## From the Atlantic to the Arctic Ocean

Why are oceans important?

- Why are our oceans important and why should we protect them?
- What is the Great Barrier Reef and why is it significant?
- How are our oceans being harmed?
- What can we do to protect our oceans?
- How littered is our local environment?

# ENRICHMENT

Fieldwork: Litter in the local environment investigation

Virtual aquarium.

# KEY DATES

**Monday 6<sup>th</sup> January:**

Start of Term 3

**Thursday 16<sup>th</sup> January :**

Enrichment day (non-uniform)

**w/c Monday 10<sup>th</sup>**

**February:** Online safety week

**Thursday 13<sup>th</sup> February:**

Last day of term



# ENGLISH

**Poster:** Ocean awareness

**Diary** of a coral on the Great Barrier Reef

**Letter:** A letter to the future about the state of the oceans

**Narrative:** Create a storybook for younger children about a piece of rubbish on its journey through the ocean.





# YEAR 4 TERM 3

From the Atlantic to the Arctic Ocean

## MUSIC

**Electric Guitars**  
with Mr. Cleare

**Charanga: Stop!**  
Learning is focused around one song: Stop! - a rap/song about bullying. Children will learn about the interrelated dimensions of music through games, singing and composing.

## SPANISH

- Food and drink
- Dictionary skills



## R.E

**Just how important are our beliefs?**  
Make links between beliefs, promises and commitments demonstrated in some baby welcoming ceremonies.

Recognise the value of ceremonies of commitment to some religious and non-religious people.

Reflect whether commitment to beliefs can be shown through outward appearance. Investigate how commitment to beliefs can be shown through diet by some people. Explore why some people sacrifice time or money for their beliefs.

Describe what sacrifice can mean to some Sikh people.



## P.S.H.E

### Dreams and Goals

- Hopes and dreams
- Overcoming disappointment
- Creating new, realistic dreams
- Achieving goals
- Working in a group
- Celebrating contributions
- Resilience
- Positive attitudes



## ART

### Beneath The Waves

We will be looking at the work of Japanese artist Hokusai; considering textures and patterns in drawing, painting and clay as well as sending a picture in a bottle and creating a portrait of a pirate!



## COMPUTING

### Online Safety

Understand how to protect themselves from online identity theft; Digital footprint and identity theft; Identify risks and benefits of installing software including apps; Plagiarism and appropriate behaviour in collaborative online learning projects; Positive and negative influences of technology on health and the environment; Balancing game and screen time with other parts of their lives.

## D.T

### Electrical systems: Torches

Identify the difference between electrical and electronic products. Evaluate a range of existing torches and their features, then develop a new functional torch design.



## P.E

### Gymnastics

Combine elements to perform longer and more effective sequences. Improve accuracy and consistency of linking shapes, balances and travelling. Experiment with changes in dynamics.

### Dance

Develop a range of expressive qualities and movement patterns. Learn and create dance phrases, performing with quality and fluency

