

# YEAR 5 SPRING 2 CURRICULUM NEWSLETTER



## Helpful resources you can use at home

### ENGLISH

- Visit a local library (for example the Idea Store in Whitechapel) to explore authors you or your child may enjoy
- Read widely; fiction, non-fiction, newspapers, comics etc.

#### **At home you could:**

- Read the library book and reading book that is sent home weekly with your child.
- Read books online – you can find free resources to explore such as [www.freechildrenstories.com](http://www.freechildrenstories.com)
- Practise your child's spelling words with them each night. You can make it a fun activity by asking them to shout out the letters or draw out pictures to represent the meaning of the word.
- Write a shared story together about something you have done and read it at bedtime.
- Practise handwriting together.
- Encourage your children to keep a diary so that they can practise using Y5 punctuation correctly (brackets, commas and dashes).

#### **Websites:**

[www.primaryhomeworkhelp.co.uk](http://www.primaryhomeworkhelp.co.uk)  
[www.bbc.co.uk/bitesize](http://www.bbc.co.uk/bitesize)  
<https://home.oxfordowl.co.uk>

### MATHS

#### **At home you could:**

- See how fast your child can count forwards and backwards to/ from 1000.
- Rote learn all times tables up to 12 (it is important that your child can multiply and divide numbers mentally, drawing on known facts).
- Identify factors and multiples of a number/ pair of numbers.
- Practise using the vocabulary of prime, square and cube numbers.
- Practise dividing and multiplying numbers by 10, 100 and 1000.
- Practise telling the time on an analogue clock
- Find missing numbers in a number sequence.
- Multiply numbers up to 4 digits by a one- or two-digit number using a written method.
- Divide numbers up to 4 digits by a one-digit number using short division.
- Practise solving problems using all four operations (+, -, x and ÷).
- Find equivalent fractions, decimals and percentages.
- Learn how to calculate the perimeter and area of a shape.

#### **Websites:**

[www.bbc.co.uk/bitesize](http://www.bbc.co.uk/bitesize)  
[www.nrich.maths.org](http://www.nrich.maths.org)  
[www.oxfordowl.co.uk/maths-owl/maths](http://www.oxfordowl.co.uk/maths-owl/maths)  
[www.ictgames.com/resources.html](http://www.ictgames.com/resources.html)  
[www.familymathstoolkit.org.uk](http://www.familymathstoolkit.org.uk)

### SCIENCE – Properties and changes of materials

#### **At home you could:**

- Explore materials in your home – identifying what different objects and items are made from.
- Create a labelled diagram of what materials an explorer would wear and why (first aspect to decide on would be: what kind of expedition is your explorer undergoing? Where in the world is this – a fantasy land or real?)
- Explore some kitchen chemistry – can you make a new chemical?
- Watch videos of jelly babies mixed with potassium chlorate and write a recount of what you see.

### GEOGRAPHY – Coastal Environments in the UK

#### **At home you could:**

- Take a day trip to a seaside town (Kent, Sussex or Essex are good suggestions) and observe the type of coastline.
- Research other coastal areas in Europe/ around the world.
- Create a poster to show the impact of climate change and what people can do to protect the planet.

#### **Websites:**

- [www.howstuffworks.com](http://www.howstuffworks.com)
- [www.brainpop.com](http://www.brainpop.com)
- [www.bbc.co.uk/bitesize/topics](http://www.bbc.co.uk/bitesize/topics)

## ENGLISH

**Key text: Journey to the River Sea by Eva Ibbotson**

**Our writing opportunities:**

- Setting and character description
- Diary Entry
- Letter
- Persuasive writing
- Poetry

**Grammar:**

- Use expanded nouns phrases to build description in order to create a mood.
- Link ideas across paragraphs using adverbials of time, manner and place.
- Show characterisation through dialogue (correct use of speech punctuation).
- Use commas to clarify meaning.

## PERSONAL AND SOCIAL SKILLS (PSHE)

**Healthy Me**

**We are learning to:**

- Consider and make healthy choices.
- How to help in an emergency situation.
- Understand the importance of having a positive body image.
- Understand different roles food can play in people's lives.

## GEOGRAPHY – Coastal Environments in the UK

**Big Question: Will the sea take over?**

**We are learning:**

- Where our coastal areas are.
- What the coast is like.
- How coastal features are formed.
- How coastal areas contribute to a country's economy.
- How climate change is affecting our coastal areas.

## MATHS

**We are learning to:**

**Decimals and percentages:**

- Order and compare decimals
- Round to 1 decimal place
- Understand equivalent fractions, decimals and percentages

**Perimeter and area:**

- Find the perimeter of rectilinear shapes
- Find the area of rectangles and compound shapes

**Statistics:**

- Draw line graphs
- Read and interpret line graphs and timetables

## Coastal Environments in the UK



**Will the sea take over?**

## RE

**Big Question: Why go to a place of worship?**

**We are learning:**

- What defines a holy place.
- What sacred means.
- The difference between a home and place of worship.

## PE

**Tasman Class** will be **swimming** this term.

**Aegean Class** will be learning **Gymnastics** this half-term.

**Flores Class** will be learning **Handball** this half-term.

**Please remind your child to pack their PE kit and bring it into school on the day of their PE lesson.**

## SCIENCE - Properties and changes of materials

**We are learning to:**

- Compare and group together everyday materials on the basis of their properties.
- Learn that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- Use knowledge of solids, liquids and gases to describe how mixtures might be separated, including through filtering, sieving and evaporating.
- Give reasons for the particular use of everyday materials, including metals, wood and plastic.
- Demonstrate that dissolving, mixing and changes of state are reversible changes.

## COMPUTING, ART and MUSIC

**Art: Tasman Class** will be learning about the life and works of artist **Friedrich Hundertwasser** and his philosophy of art.

**Computing: Aegean class** will be using the internet to research coastal environments around the UK and then creating their own databases.

**Music: Flores Class** will be learning how to play the guitar:

- Play songs with up to 8 notes in solo or group/class context
- Play multi-layered songs
- Learn to read music notation and guitar charts

## Spanish

**We are learning to:**

- Express polite greetings.
- Say what I want to buy from a shop.
- Ask for a quantity.
- Describe the cost of an item.