

# YEAR 5 SUMMER 1 - 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 somewhere you have visited you and read it at bedtime.
- Practise handwriting together.
- Encourage your child 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.
- Explore some kitchen chemistry – can you make a new chemical?
- Using your knowledge of separating materials, explore making different mixtures at home and then try to separate them.
- Watch videos of jelly babies mixed with potassium chlorate and write a recount of what you see.

### HISTORY – *The British Empire*

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

- Take a day trip to the National Maritime Museum and Cutty Sark in Greenwich.
- Research other areas in the world that were once ruled by Britain (make a poster to display your findings).
- Develop your mapping skills by identifying countries on a world map (maybe you could draw your own map by using Google maps to help you).

#### **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: The Nowhere Emporium Sea by Ross MacKenzie**

**Our writing opportunities:**

- Persuasive letter/speech
- Diary
- Information Leaflet
- Explanation
- Non-chronological report

**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)

**Relationships**

**We are learning to:**

- How to build self-esteem.
- Understand friendships and how they change over time.
- How to keep safe when using technology.
- Be aware of risks and pressures that may be experienced when using technology.

## History – The British Empire

**Big Question: How did the British Empire change over time?**

**We are learning:**

- What the British Empire (BE) was.
- The positive and negative aspects of the BE.
- How Britain benefited from having an empire.
- How Britain took control of India and how India later gained independence.
- Significant individuals during the BE.

## MATHS

**We are learning to:**

- Calculate the **perimeter** of rectangles, polygons and rectilinear shapes.
- Calculate the **area** of rectangles and compound shapes.
- Draw, read and interpret **line graphs**.
- Read and interpret **tables** (including two-way tables and timetables).
- Understand and use degrees when classifying and estimating **angles**.
- Measure, draw and calculate **angles** on a straight line and around a point.

### The British Empire



**How did the British Empire change over time?**

## RE

**Big Question: What does it mean to be a Muslim in Britain today?**

**We are learning:**

- What the key belief of Muslims is.
- What prayer means to Muslims.
- The importance of charity.
- Why Muslims want to go on pilgrimage.

## Spanish

**We are learning to:**

- Describe out of school activities.
- When we participate in different activities.
- Who we participate in activities with.

## SCIENCE - Properties and changes of materials

**We are learning to:**

- 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.
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible (irreversible).

## COMPUTING, ART, DT and MUSIC

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

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

**D&T: Sargasso Class** will be designing, creating and evaluating pizza for a Year 5 pizza restaurant.

**Music: Adriatic and Sargasso Class** will be learning how to play the ukulele.

## PE

**This half term:**

**Ionian Class** will be **swimming**, **Sargasso Class** and **Adriatic Class** will be preparing for Sports Day

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