

# YEAR 5 SPRING 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.

### HISTORY – The Vikings

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

- Research the life of a Viking and be able to talk about the similarities and differences to your own.
- Create a picture of Viking gods and goddesses.
- Research archaeologists and create a mind map about what they do and what they have discovered
- Write a story about a Viking using your research.

#### **Websites:**

- [www.howstuffworks.com](http://www.howstuffworks.com)
- [www.brainpop.com](http://www.brainpop.com)
- [www.dkfindout.com](http://www.dkfindout.com)

## ENGLISH

### **Genre: Fantasy narratives**

#### **Key text: The Lion, the Witch and the Wardrobe**

#### **We are learning to:**

- Write a setting and character description.
- Identify the structure of a story and retell a part of it.
- Plan ideas for our own fantasy narrative.
- Write a fantasy narrative.

#### **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)

### ***Dreams and Goals***

#### **We are learning to:**

- Understand conflict resolution and how it can affect myself and others.
- Understand emotions such as anger and how it presents in different people.
- Explore different forms of employment.
- Share my dreams and ambitions for the future.

## HISTORY – The Vikings

### **Big Question: How did the Vikings shape Britain?**

#### **We are learning:**

- How and why the Vikings came to Britain.
- How the Vikings began to dominate Britain.
- All about King Alfred and why he is so significant.
- About Lady of the Mercians and why was she important.

## MATHS

#### **We are learning to:**

- **Multiply** numbers with up to 4-digits by a 2-digit number.
- **Divide** a 4-digit number by a 1-digit number using short division.
- Solve problems with multiplication and division.
- Multiply unit and non-unit fractions and mixed numbers by an integer (whole number).
- Calculate **fractions** of quantities and amounts.
- Understand **decimals** up to 2 decimal places.
- Find equivalent fractions and decimals when working with tenths.

## The Vikings



### **How did the Vikings shape Britain?**

## RE – Green religion

### **Big Question: What do religious and non-religious worldviews teach about caring for the Earth?**

#### **We are learning about:**

- The uniqueness of Earth.
- Difference between stewardship & ownership.
- Understand animism.

## PE

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

**Sargasso and Ionian Class** will be learning **handball** this 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 DT

### **Art: Ionian Class** will be learning about **Islamic geometric patterns**:

- Explore features of Islamic geometric art and design.
- Draw geometric tile designs, inspired by Islamic art.
- Create a clay tile using the slab method and use sgraffito techniques to decorate.

### **Computing: Sargasso class** will be learning about:

- Internet searches.
- Digital presentations using graphics program.
- Data handling – create database about mountains.
- Coding – create simple sequenced animations

### **D&T: Adriatic Class** will be learning about **moving pictures**:

- Investigate levers and linkage systems.
- Build simple levers.
- Design ideas for their own moving picture.
- Create their moving picture with paper and card.

## Spanish

#### **We are learning to:**

- Learn phrases to describe my daily routine.
- Tell the time
- Match routines to times.
- Learn phrases to describe my weekend routine.