

# YEAR 5 AUTUMN 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 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>  
<https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar>

### 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 number
- 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 – Earth and Space

#### At home you could:

- Create Papier mâché planets  
<https://www.elmers.com/blog-school/paper-mache-planets-tutorial.html>
- Take part in space activities on the NASA Kids Club <https://www.nasa.gov/learning-resources/nasa-kids-club/>
- Make a model solar system
- Use geoboards to map constellations
- Take a tour of the International Space Station  
[https://www.youtube.com/watch?v=O6-Xm3\\_Ze1o&t=6s](https://www.youtube.com/watch?v=O6-Xm3_Ze1o&t=6s)
- Take a trip to the Royal Observatory or the Science Museum

### 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: Beowulf by Michael Morpurgo**

**Our writing opportunities:**

- Letter of advice
- Diary
- Character/setting description
- Action scene
- Own legend/missing chapter

**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)

**Unit: Being me in my world**

**We are learning to:**

- Know how individual attitudes and actions make a difference to a class
- Understand the different roles in the school community
- Understand how actions affect ourselves and others

## 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:**

**Place Value**

- Know Roman numerals to 1000
- Read and write numbers to 1,000,000
- Compare and order numbers to 1,000,000
- Round to the nearest 10, 100 or 1000

**Addition and Subtraction**

- Add and subtract whole numbers with up to four digits
- Multistep addition and subtraction problems
- Find missing numbers

## The Vikings



**How did the Vikings shape Britain?**

## RE

**Big Question: If God is everywhere, why go to a place of worship?**

**We are learning to:**

- Explore and compare different places of worship and their features and how they are used

## PE

**Arabian Class** will be **swimming on Thursdays** this term.

**Persian and Caspian Class** will be exploring **wellbeing**, including simple breathing exercises.

All classes will be learning **Handball**.

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

## SCIENCE – Earth and Space

**We are learning to:**

- Describe the movement of the Earth and other planets relative to the sun in the solar system
- Describe the movement of the moon relative to the Earth
- Describe the sun, Earth and moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

## ART, MUSIC, COMPUTING and DT

**Art:**

**Persian and Caspian 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 graffiti techniques to decorate

**Music:**

**Caspian and Arabian Class** will be learning how to play the guitar:

- Perform nursery rhymes with up to five notes in solo or group/class context
- Learn to read music notation and guitar charts

**Computing:**

**All classes will be learning to:**

- Explain that computers can be connected together to form systems
- Experiment with search engines and results

## 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