

YEAR 5 SUMMER 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
- 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
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
www.nrich.maths.org
www.oxfordowl.co.uk/maths-owl/maths
www.ictgames.com/resources.html
www.familymathstoolkit.org.uk

SCIENCE – Consolidate living things and their habitats

At home you could:

- Write a comparison of two animals from different animal groups. This could include animals that are mammals, reptiles, insects etc. Identify the similarities and differences.
- Make a model of an animal's habitat - maybe use a shoe box. Remember to include what it likes to eat.
- Draw 4 different food chains or webs - explain what each creature eats and where it finds its prey.

Websites:

<https://www.bbc.co.uk/bitesize/topics/z6wwxnb>

GEOGRAPHY – Ordnance Survey (OS) map skills and fieldwork

At home you could:

- Create a simple treasure map of your home or garden using symbols, a key, and a compass rose.
- Practise recognising Ordnance Survey (OS) map symbols such as footpaths, rivers, railways, and woodland.
- Go on a local walk and identify compass directions (North, South, East, and West).
- Draw a map of a familiar journey, such as the route to school, the park, or local shops.
- Carry out local fieldwork activities such as traffic counts, litter surveys, or identifying different types of houses.

Websites:

<https://www.ordnancesurvey.co.uk/mapzone/>
<https://www.bbc.co.uk/bitesize/articles/zdvijjhv>

ENGLISH

Key text: The Vanishing Rainforest by Richard Platt

Our writing opportunities:

- Persuasive letter/ speech
- Diary entry
- Information Leaflet
- Explanation

Grammar:

- Use expanded nouns phrases to convey complicated information precisely.
- Link ideas across paragraphs using adverbials of time, manner and place.
- Use relative clauses.
- use modal verbs to indicate degrees of possibility.
- Use brackets, dashes or commas to indicate parenthesis.

PERSONAL AND SOCIAL SKILLS (PSHE)

Changing Me

We are learning to:

- Understand the importance of positive body image.
- Explain the body changes that boys and girls experience during puberty.
- Identify changes to look forward to in Year 6.

Geography – Ordnance Survey (OS) map skills

Big Question: What can grid references and contour lines tell us about a location?

We are learning to:

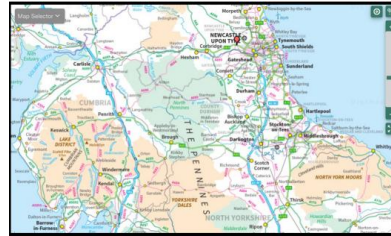
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- Use the eight points of a compass (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.

MATHS

We are learning to:

- Read, plot and solve problems involving **coordinates**.
- understand **translation** and **symmetry**.
- Explore efficient strategies for adding and subtracting **decimal numbers**.
- **Multiply** and **divide** by **10, 100 and 1000** (including decimals).
- Understand, order and compare **negative numbers**.
- **Convert** units of time and length.
- Compare and **estimate volume** and **capacity**.

Ordnance Survey (OS) map skills and fieldwork



What can grid references and contour lines tell us about a location?

P.E

This half term:

Persian Class: **Swimming and Athletics**

Caspian and Arabian Class: **Athletics and Dance**

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

Spanish

We are learning to:

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

SCIENCE

Consolidate living things and their habitats

We are learning to:

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the life process of reproduction in some plants and animals.
- Know who Maria Merion was and what she did.

COMPUTING, ART and MUSIC

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

Music: Children will learn to play melodies of up to six notes on the guitar, using staff notation and other charts. They will also compose their own rhymes to perform with the guitar.

Computing: Children will be learning about Programming – Selection in quizzes.

- They will learn to explain how selection is used in computer programs.
- To design a program which uses selection
- To create a program which uses selection

RE

Big Question: Why do some people believe God exists?

We are learning about:

- Present different views on why people believe in God or not, including their own ideas.
- Express thoughtful ideas about the impact of believing or not believing in God on someone's life.