

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
- 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>
<https://www.oxfordowl.co.uk/login?active-tab=students>
<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 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 – Forces

At home you could:

- Explore push and pull forces in your home and make a poster with examples (ideas include; pulling and pushing drawers to open and close, pushing somebody on a swing or pulling them up higher).
- Gather lots of natural materials when out and about. Find out which floats and which doesn't. How will you know? Is it possible to make a hypothesis about natural materials and their floating/sinking attributes?
- Visit a play park to find play equipment that involves pushing and pulling, gravity to aid movement and friction to slow down movement.

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:

<https://www.bbc.co.uk/bitesize/topics/znmmn39>
<https://www.science-sparks.com/ideas-for-learning-about-forces/>

ENGLISH

Key text: *The Boy at the Back of the Classroom* by *Onjali Rauf*

Our writing opportunities:

- Information texts
- Formal writing – Eye witness reports
- Persuasive speech
- Diary – from refugee perspective

Grammar:

- Use expanded nouns phrases to build description in order to create a mood.
- Link ideas across paragraphs.
- Use commas to clarify meaning.
- Use semicolons, colons or dashes to mark boundaries between independent clauses.

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



Was the British Empire good or bad?

PE

This half term:

Persian Class: **Swimming and Athletics**

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

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 places in the local area.
- When we participate in different activities.
- Who we participate in activities with.

SCIENCE - Forces

We are learning to:

- Explain how unsupported objects fall towards the Earth because of the force of gravity.
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

COMPUTING, ART, DT and MUSIC

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

Music: Pupils will learn to play the **guitar**, different music notations, string organology, and compose music based on rhymes.

Computing: Year 5 will be learning about **Flat-file databases**. They will learn to explain that computer programs can be used to compare data visually and use a real-world database to answer questions

D&T: Structures - How are frames strengthened, reinforced and made rigid?

- They will learn how frames are strengthened, reinforced and made rigid.
- They will identify joins and supports and create a model shelter based on what they have learnt.

RE

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

We are learning:

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