

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 – Forces

At home you could:

- Explore push and pull forces in your home and make a poster with examples (ideas include; putting on and taking off clothes, pulling drawers to open them and pushing them to 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? How will the children decide to sort the objects? Is it possible to make a rule or 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, friction to slow down movement and which makes you dizzy through spinning.

GEOGRAPHY – Energy issues

At home you could:

- Take a day trip to Battersea Power Station – the UK's largest power station.
- Research renewable energy and locate different places around the UK that use sun, water and wind sources to create electricity.

Websites:

www.bbc.co.uk/bitesize/topics
www.theschoolrun.com/what-force
www.sciencemuseum.org.uk/learning/feel-force-school-info

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 beginning with who, which, where, when, whose and that.
- use modal verbs to indicate degrees of possibility
- Use commas to clarify meaning.
- Use brackets, dashes or commas to indicate

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 – Energy Issues

Big Question: Can energy use always be sustainable?

We are learning:

- what the global supply and demand for energy is.
- how we use resources to generate energy.
- what fossil fuels are and why we use them.
- why are climate is changing.
- how we can help slow down climate change.
- how energy can be sustainable.

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.

Energy Issues



Can energy use always be sustainable?

RE

Big Question: What would Jesus do?

We are learning:

- what Jesus' mission was.
- how Jesus taught his followers to love.
- what a parable is and the messages they give about forgiveness.
- how Christians today try to follow Jesus' teaching about justice and fairness.

SPANISH

We are learning to:

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

MATHS

We are learning to:

- understand and use degrees when classifying and estimating **angles**.
- measure, draw and calculate **angles** on a straight line and around a point.
- understand the difference between **regular** and **irregular polygons**.
- identify **3D shapes** and their properties.
- 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**.

COMPUTING, ART, DT and MUSIC

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

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

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

Music: Adriatic and Ionian 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.