

YEAR 5 SPRING 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 – 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.

GEOGRAPHY – Coastal Environments in the UK

At home you could:

- Take a day trip to a seaside town (Kent, Sussex or Essex are good suggestions) and observe the type of coastline.
- Research other coastal areas in Europe/ around the world.
- Create a poster to show the impact of climate change and what people can do to protect the planet.

Websites:

- www.howstuffworks.com
- www.brainpop.com
- www.bbc.co.uk/bitesize/topics

ENGLISH

Key text: Journey to the River Sea by Eva Ibbotson

Our writing opportunities:

- Setting and character description
- Diary Entry
- Letter
- Persuasive writing
- Poetry

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)

Healthy Me

We are learning to:

- Consider and make healthy choices.
- How to help in an emergency situation.
- Understand the importance of having a positive body image.
- Understand different roles food can play in people's lives.

GEOGRAPHY – Coastal Environments in the UK

Big Question: Will the sea take over?

We are learning:

- Where our coastal areas are.
- What the coast is like.
- How coastal features are formed.
- How coastal areas contribute to a country's economy.
- How climate change is affecting our coastal areas.

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.

Coastal Environments in the UK



Will the sea take over?

RE

Big Question: Why go to a place of worship?

We are learning:

- What defines a holy place.
- What sacred means.
- The difference between a home and place of worship.

Spanish

We are learning to:

- Express polite greetings.
- Say what I want to buy from a shop.
- Ask for a quantity.
- Describe the cost of an item.

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, DT and MUSIC

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

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

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

Music: Ionian and Sargasso Class will be learning how to play the ukulele.

PE

This half term:

Adriatic Class will be swimming, **Sargasso Class** will be learning gymnastics and **Ionian Class** 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.