

Year 5 Overview Summer 2

Welcome back to Year 5!

How lovely to head into our last term of Year 5! We have lots of exciting learning to do this half term alongside trips to into university and tower of London.

Mathematics

Decimals (3 weeks)

- Decimal sequences
- Multiply 10, 100 and 1000
- Divide by 10, 100 and 1000
- Multiply and divide decimals- missing values

Negative numbers (1 week)

- Understand negative numbers
- Count through zero in 1s
- Count through zero in multiples
- Compare and order negative numbers
- Find the difference

Converting units (2 weeks)

- Kilograms and kilometres
- Millimetres and millilitres
- Convert units of length
- Convert between metric and imperial units
- Convert units of time
- Calculate with timetables

Volume (1 week)

- Cubic centimetres
- Compare volume
- Estimate volume
- Estimate capacity

English

Unit Outcome: Innovate a journey story based on the structure of the story

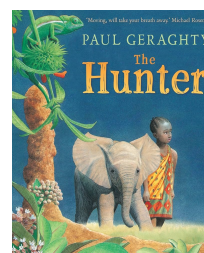
Greater Depth: To re-tell the story from the animal's point of view

Audience: Year 5

Purpose: To entertain

Key skills:

- Use punctuation at Y4 standard correctly (full stops, capital letters, exclamation marks, question marks, commas in a list, commas after fronted adverbials, apostrophes for contraction and possession)
- Use a variety of verb forms consistently and correctly (Including progressive and present perfect)
- Organise paragraphs around a theme
- Use a range of sentences with more than one clause (when, if, because, although)
- Use fronted adverbials



Science

Year 5 Summer 2: Forces Key question for unit: How do forces affect how things move?

Substantive knowledge:

- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- 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 (also covered in Autumn DT topic)

Disciplinary knowledge (working scientifically):

- designing and making a variety of parachutes and carrying out fair tests to determine which designs are the most effective.
- explore resistance in water by making and testing boats of different shapes.
- design and make products that use levers, pulleys, gears and/or springs and explore their effects

DT

Can I use seasonal ingredients to create a savory quiche?

Y5 Food– Summer 2

Key knowledge for this unit:

- Know and use technical vocabulary
- Apply sensory vocabulary/knowledge using smell, taste, texture, feel
- Investigate existing products
- Apply knowledge of a healthy and varied diet
- Apply sensory vocabulary/knowledge using smell, taste, texture, feel

Geography

Key question: How are mountains formed?

Key knowledge for this unit:

- name and locate counties and cities of the United Kingdom, identifying their physical features, including mountains, rivers and hills
- Showing change over time
- physical geography, including: climate zones, biomes and vegetation belts, mountains
- Use maps – of different scales, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied
- Use symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and wider world in the past and present.
- Find areas of higher ground on a map (contour lines) find height of a peak
- To use 6-figure grid references

R.E

Key question: What do religions and worldviews believe about God?

Computing

Use of micro bit for programming.

Music

Key Question: Can you play traditional Indian Music?

Listening: 'Anile Vaa? Or choose Indian song'

Performing: Play a drone, a rag and a tala

Experience: learning a diverse range of music

French

Unit- Meet my French family

Key outcomes

- Complete correctly a gap-fill activity to match French vocabulary with pictures.
- Recognise words that are similar to English.
- Adapt a sentence to change its meaning.
- Apply some understanding of French pronunciation.
- Recognise key information within a longer text.
- Build sentences confidently using word cards.
- Respond to spoken opinions with the correct gesture.
- Use different opinions in sentences.
- Change elements of a sentence whilst retaining the meaning.
- Organise a text, making simple adaptations that do not affect its overall sense.

P.E

This half term we will be focusing on football and athletics.

Key dates

Monday 8th June- Tower of London- Chestnut
Tuesday 9th June- Tower of London- Sycamore
Monday 15th June- Into University- Sycamore
Tuesday 16th June- Into university- Rowan
Monday 22nd June- Tower of London- Rowan

Every **Thursday** is swimming for **Sycamore Class**
PE is every **Wednesday** for **all Year 5 Classes**

How to support your child at home with their learning this half term...

Every week we will send home ten spellings and a math activity linked to what we are learning in class. Please help your child with completing their homework.

Your child should be reading every day for at least 20 minutes. It's really important that you continue to read with your child, both listening to them and reading yourself. Encourage them to read a wide variety of fiction and nonfiction texts of different genres from a range of authors and be sure to discuss and ask questions.