



CURRICULUM OVERVIEW & KEY INFORMATION

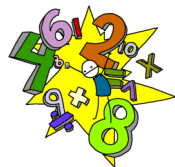
Year 4

Spring Term 2024

MATHEMATICS

TOPIC NAME: Multiplication and Division

- Factor pairs; Use factor pairs
- Multiply by 10; Multiply by 100
- Divide by 10; Divide by 100
- Related facts – multiplication and division
- Informal written methods for multiplication
- Multiply a 2-digit number by a 1-digit number; Multiply a 3-digit number by a 1-digit number
- Divide a 2-digit number by a 1-digit number (1); Divide a 3-digit number by a 1-digit number
- Correspondence problems
- Efficient multiplication



TOPIC NAME: Length and Perimeter

- Measure in kilometres and metres
- Equivalent lengths (kilometres and metres)
- Perimeter on a grid; Perimeter of a rectangle; Perimeter of rectilinear shapes
- Find missing lengths in rectilinear shapes
- Calculate perimeter of rectilinear shapes
- Perimeter of regular polygons; Perimeter of polygons

TOPIC NAME: Fractions

- Understand the whole
- Count beyond 1
- Partition a mixed number; Number lines with mixed numbers; Compare and order mixed numbers
- Understand improper fractions; Convert mixed numbers to improper fractions
- Convert improper fractions to mixed numbers
- Equivalent fractions on a number line; Equivalent fraction families
- Add two or more fractions; Add fractions and mixed numbers
- Subtract two fractions; Subtract from whole amounts; Subtract from mixed numbers

Welcome to Year 4

Hi everyone and welcome back to Year 4! We hope you had a wonderful winter break and are ready for the busy term ahead. We have a great curriculum this term, details of which can be found on the next few pages. There are also lots of exciting opportunities and events throughout the year too, so please look at the terms and diary dates on the school website/School PING.

ENGLISH *(Please do not read/purchase our focus text for your child – thank you!)*

FOCUS TEXT: The Journey by Francesca Sanna

UNIT:/GENRES: Setting description

- Use inverted commas to correctly punctuate speech
- Write noun phrases to describe an image
- Use fronted adverbials
- Explore the effect of vocabulary on the reader
- Explore how the author has created characterisation in a text
- Write an alternative narrative linked to the text
- Explore and use new vocabulary
- Use prepositions
- Begin to understand subordinate clauses
- Identify features and structure of model text
- Identify words and phrases that create atmosphere
- Use because and when to extend sentences
- Use show not tell for characterisation
- Explore similes; Explore metaphors
- Commas in lists
- Apostrophes for possessions
- Adjectives to compare
- Conjunctions
- Proof reading, editing our writing.

UNIT:/GENRES: Diary Entry

- Explore and understand the model text
- Identify the structure and features of a recount
- Explore the use of pronouns
- Write a recount of an event as an eye witness,
- Hot seating to generate reporter questions
- Use commas in a list correctly
- Use inverted commas and other punctuation to indicate direct speech
- Plan, edit and revise a newspaper report
- Use dashes

In addition to Writing sessions, there will be a key handwriting focus each week, and whole class reading focus activities.



KEY INFORMATION



HOMEWORK

- Your child has been given a copy of their ICT passport to bring home earlier this year – please keep this in a safe place but if you require another copy please let us know.
- English/Maths homework will run from **8.30am, MONDAY to MONDAY**.
- Homework will be a range of different activities across the academic year, with Reading, Spelling, Timestables (Y2-Y6) and Mental Maths being our weekly 'non-negotiables.' These may be supplemented with our range of online learning tools which children have access to throughout the year; login details can be found on children's ICT Passports. There may also be some project work, where appropriate.
- **Please also see our 'Homework Policy'.**

Google Classroom

- Google Classroom can be accessed via children's individual logins.
- Google Classroom contains a range of useful resources, as well as being a key point of access for homework information and resources too. Please check this weekly.
- If you need to contact your child's class teacher, please DO NOT use Google Classroom, instead, please contact the school office who will be happy to arrange a follow-up call/appointment for you.

PE Kits & Trainers – to be worn on PE Days:

Our PE Day this term will be: **WEDNESDAY/FRIDAY (Swimming)**

Please ensure that children are in a suitable PE kit - inline with our policy; for example, they should not come into school in football kits. Children will need an indoor and outdoor kit. We advise putting an extra pair of socks into your child's book bag.

Resources

Please provide your child with the following:

- Book Bag that should be brought into school each day.
- Water bottle pre-filled with water before your child comes into school each day.
- Suitable, warm, waterproof coat.
- Sunhat in warmer weather. If hot weather is forecast, please remember to apply suncream to your child prior to the school day. A labelled bottle of suncream can be sent in for your child to reapply (if required) - this should be given to staff.
- Set of headphones (to remain in school during term time).
- Lunch box if they are having a packed lunch.
- All items should be clearly labelled with your child's name, including uniform and shoes!

Please encourage your child to become more independent and take responsibility for their homework and resources. Thank you.

For more detailed information about our curriculum, please see the Curriculum section on our school website. You can also find a range of other information about school on our website too!

'In God's love, aspire and achieve to be the best'

1 Corinthians 16:14 'Do everything in love'.

Religious Education (R.E.)

UNIT: Are All Churches The Same

What does ‘church’ mean? Are all churches the same?

What does it mean to belong to a church?

What have you learned about the church that you didn’t know before?

Where do people of other faiths worship? Are they all the same?

Are there any similarities between places of worship? What are the key differences?

UNIT: Exploring Easter—Trust and Betrayal

What is trust? How do we show trust? Who do we trust? Why? Why is trust important?

Why did Judas betray Jesus? What does it mean to betray someone? How does it feel to be betrayed?

What is forgiveness? Have you ever forgiven someone? Have you experienced being forgiven?



Geography

UNIT: Volcanoes and Earthquakes

- What lies beneath the surface of the Earth?
- What happens when the Earth’s plates meet?
- What goes on inside a volcano?
- What can we learn from some famous Earthquakes?
- What can I find out about real volcanoes?
- How do earthquakes affect people and places?
- What help do people need before and after an earthquake?
- What could you do if an earthquake happened?
- What happens when a volcano erupts?
- What would it be like to live near a volcano?



Design & Technology (D.T.)

Process: Design/Make/Evaluate/Technical Knowledge

UNIT: Mechanisms, Levers and Linkages

- Can I investigate, analyse and evaluate books and, where available, other products which have a range of lever and linkage mechanisms?
- Can I answer questions such as... *Who might it be for? What is its purpose? What do you think will move? How will you make it move? What part moved and how did it move? How do you think the mechanism works? What materials have been used? How effective do you think it is and why? What else could move?*
- Can I understand a range of lever and linkage mechanisms and explain how they work?
- Can I follow a design brief to make my own lever book?
- Can I evaluate throughout and my final product against the intended purpose and with the intended user, drawing on the design criteria previously agreed?



Science UNIT: Electricity

How is electricity useful to us?

How do you construct a simple circuit?

What is an open and closed circuit

How does a switch work?

What is a conductor?

What materials conduct electricity?

What is an insulator?

What materials are insulators?

How do we stay safe with electricity?



Computing

UNIT: Spreadsheets— How to format cells as currency, percentage, decimal to different decimal places or fraction? How to use the formula wizard to calculate averages? How do I combine tools to make spreadsheet activities such as timed times tables tests? Can a spreadsheet model a real-life scenario? How to add a formula to a cell to automatically make a calculation in that cell?

UNIT: Logo - What is the structure of the coding language of Logo? How do you put simple instructions into Logo? Can I use Logo to create shapes? What does the repeat function do? How do I use and build procedures in Logo?



Art & Design

UNIT: Exploring Still Life

- Can I understand how we can learn about ourselves through art?
- Can I feel safe to take creative risks when I work? Can I enjoy the feeling of experimenting with materials?
- Can I feel ok when I am being challenged by materials and ideas? Can I feel ok when I don’t know exactly what I’m doing?
- Can I use a variety of drawing materials to make experimental drawings based upon observation?
- Can I construct with a variety of materials to make a sculpture?
- Can I see my personality in what I have made?
- Can I talk about the work I have made with my classmates, sharing the things I thought were successful and thinking about things I would like to try again?
- Can I appreciate the work of my classmates and can I share my response to their work, identifying similarities and differences in our approach and outcomes?



Music (THURSDAY = Instruments Needed)

UNIT: Brass Lessons with Mr Lloyd

- Can I play A B C D and E on my brass instrument?
- Can I attempt F and G in a warm up?
- Can I use breathe control to move up the harmonic series and sustain high notes?
- Can I play confidently several pieces using A B C D and E including movement between notes?
- Can I develop dynamic control whilst playing?
- Can I confidently read musical notation?
- Can I compose a piece of music including writing ideas in musical or graphic notation?
- Can I play my composition and appraise the compositions of others?



Physical, Social, Health & Economic Education (P.S.H.E.)

My Happy Mind: Meet your Brain

- How they can develop an Attitude of Gratitude at home and school.
- How to create a Gratitude Domino Effect -when we notice what makes us feel good, we show more gratitude to others and then that makes them feel good and show more gratitude too.
- That the more time they think about gratitude, the stronger the neural pathways get and the easier it is to give gratitude. This is because of Neuroplasticity, and we need to make it a habit.
- How giving gratitude can help us get through tough times, and when they can see everything they are grateful for it, it makes the problems we face a little easier to manage

Respecting Ourselves and Others & Belonging to a community

- What are the benefits of living in a community?
- What community do I belong to?
- Who helps our local community?



Physical Education (P.E.)

UNIT: Fitness

- To recognise different areas of fitness and explore what your body can do.
- To develop speed and strength.
- To develop co-ordination.
- To develop agility.
- To develop balance.
- To develop stamina

UNIT: Handball

- To begin to throw and catch while on the move.
- To move towards goal or away from a defender.
- To move towards goal to create shooting opportunities.
- To use defending skills to delay an opponent and gain possession.
- To use a change of direction and speed to lose a defender and move into space.
- To apply skills and knowledge to compete in game situations.

UNIT: Swimming (FRIDAY = SWIMMING KIT NEEDED)

Children will be introduced to specific swimming strokes on their front and on their back. They will learn how to travel, float and submerge with increasing confidence. They will learn and use different kicking and arm actions. They will be given opportunities to observe others and provide feedback. They will also be introduced to some personal survival skills and how to stay safe around water.



French

UNIT: Family Tree & Faces

Celebrating Epiphany; Asking who someone is; Have you ...? I have; Parts of the face; Eye colour & Hair colour

UNIT: Carnival of Animals & Body Parts

Carnival of animals; Body parts; Easter Egg Hunt; Easter

