Year 4 Termly Overview

Autumn Term

Reading. Children read the following texts through whole class reading sessions:
Fiction:
- *Planet Omar: Accidental Trouble Magnet*, Zanib Mian
- *Kensuke's Kingdom, Micheal Morpurgo*
- *Rumaysa: A Fairytale*, Radiya Hafiza

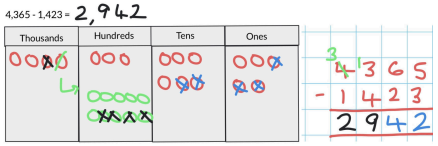
Non-fiction:
- *The Story of Tutankhamun*, Patricia Cleveland-Peck
- *Atlas of Adventures: Wonders of the World*, Ben Handicott

Poetry:
- *Sensational,* Roger McGough (writing stimulus) - moved

Writing. This term focuses on :
- using fronted adverbials for cohesion and within paragraphs. Children also learn to include a comma after a fronted adverbial.
- Using a large range of more formal conjunctions e.g. whereas, furthermore, in addition etc
- becoming more confident in punctuating dialogue

Children practice these skills through a range of stimulus and genres including:
- A retelling (narrative) of Planet Omar (Zanid Mian), The Iron Man (Ted Huges) and Rumaysa (Radiya Hafiza)
- An explanation text drawing on wider curriculum
- Poetry inspired by Sensational (Roger McGough)

Maths. In Autumn, children develop their fluency and flexibility with numbers up to 1000. This involves counting, ordering and estimating by rounding. They learn how to confidently partition numbers and how to add and subtract using the column method with exchanging.



Science. The topics they cover during the autumn term include:
- **Habitats and Classification.** Children learn to present information using classification keys for various plants and animals.

Spring Term

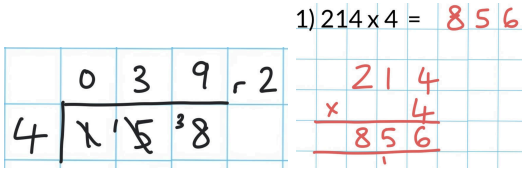
Reading. Children read the following texts through whole class reading sessions:
Fiction:
- *This Morning I Met a Whale*, Michael Morpurgo (writing stimulus)
- *Charlotte's Web*, E.B. White
- *Coraline*, Neil Gaiman (writing stimulus)
- *Anisha Accidental Detective*, Serena Patel

Non-fiction:
- *Rotten Romans*, Terry Deary (writing stimulus)

Poetry:
- *Moon Juice,* Kate Wakeling

Writing. Children learn to use a range of complex sentences using an increasing number of subordinating conjunctions. They also broaden their usage of compound sentences by including a semi-colon or the conjunction yet appropriately.
Children practice these skills through a range of stimulus and genres including:
- A retelling (narrative) of The Fantastic Flying Books Of Mr Morris Lessmore (William Joyce) and The Proudest Blue (Ibtihaj Muhammad)
- Letters inspired by This Morning I Met A Whale (Micheal Morpurgo)
- Non-chronological report about the Romans based on Rotten Romans (Terry Deary)

Maths. In Spring, children learn how to solve multiplication and division calculations with 2 digit numbers on a number line and formal written methods e.g. column multiplication and bus stop.



They also learn to measure and compare the area and perimeter of shapes.

Science. The topics covered this term are:
- **Electricity.** Children are introduced to circuits, carrying out a range of fair tests to affect how different components work. They write several conclusions to share their findings.

Summer Term

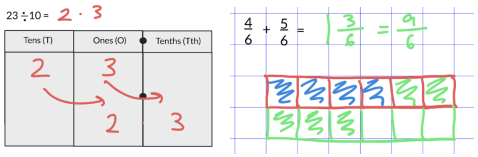
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- *Coraline*, Neil Gaiman (writing stimulus)
- *Anisha Accidental Detective*, Serena Patel

Non-fiction:
- *Rotten Romans*, Terry Deary (writing stimulus)

Poetry:
- *Moon Juice,* Kate Wakeling

Writing. Children learn how improve their dialogue within narratives by mixing in narration e.g. "You're a star," he said, shaking George's hand. They also use to include a range of sentence types e.g shorter sentences for effect and rhetorical questions.
Children practice these skills through a range of stimulus and genres including:
- Retelling of Coraline (Neil Gaiman) and The Lion, The Witch and the Wardrobe (C.S. Lewis).
- Biography of Mary Seacole based on The Extraordinary Life of Mary Seacole (Nadia Redgrave)
- A piece of persuasive writing inspired by Cloudbusting (Malorie Blackman)

Maths. Children develop their understanding of fractions building on their learning in Y3. They learn how to add and subtract fractions beyond 1 e.g. 1 4/6 + 5/6. Children are introduced to decimals this term including tenths and hundredths. Measurement is also taught, focusing on reasoning with money time. Children also learn how to read and draw line graphs.



Science. The topics covered during the summer include:
- **Digestion and Food Chains.** Children conduct a range of observations over time to see how the digestive system works. They also learn about food chains using the words predator, prey, producer and consumer.
- **Sound.** Children design pattern seeking investigations to identify how sounds travel in various circumstances.

- **Digestion and Food Chains.** Children create labelled diagrams with explanations of how the digestion system works in humans.
- **Sound.** Children use data loggers to measure sounds across school, presenting the data in tables and graphs.

History. Children learn about Ancient Greece and how it has influenced the UK today. They discuss democracy, the Olympics and architecture.

Geography. First, children develop their location knowledge locating various countries in Europe and the Middle East. In their second unit, children learn all about the Water Cycle. Then they complete various field work. First, measuring the amount of rainfall over a week and then creating line graphs from monthly rainfall data in the UK.

RE. Children learn and compare religious stories about Muhammad, specifically, the stories of 'The Old Woman Who Threw Rubbish', 'The Hungry Man and the Kind Stranger', 'Muhammad and the Seven Kittens' and 'The Crying Camel'

DT. Children learn to create a range of vegetable soups, designing a recipe to meet certain dietary requirements. .

Music. Children learn how to play ukuleles and learn chords for songs. Children go on to create repeating patterns using musical alphabets by studying the composer Sergei Prokofie.

PE. Children work with a specialist Hockey coach throughout the term.

Art. In their first project, children create wire portraits, inspired by Alexander Calder and Ruth Asawa.

PSHEE. Children revisit and develop their skills to manage friendship independently, including how to manage conflict and handle peer pressure. Anti-bully is also taught with clear guidance on what children should do if they see someone being bullied.

Computing. Children develop their coding skills from Y3, using a range of websites and inO-Bots. They also create stop motion animations.

Spanish. Children learn to describe their daily routines and how to tell the time. They also learn the names of European countries.

- **States of Matter.** Children explore the difference between solids, liquids and gasses. They focus on taking measurements of temperatures as the state changes e.g. melting and freezing points.
- **Habitats and Classification.** Children learn that habitats can change over time and this impacts the living things within them. They write explanations to explain some of these changes and how we can care for the environment.

History. Children move on to discover the Romans. Learning about the Roman Army, famous leaders such as Julius Caesar and their building of many roads, forts and towns.

Geography. Children learn about how mountains are formed at tectonic plate boundaries. Next, they learn to read contour lines, locating various mountains on maps including Scafell Pike, Ben Nevis, the Alps and Mount Elbrus.

RE. Children learn about the significant religious life events; the sacred thread ceremony for Hindus, Bar/Bat MItzvah for Jews and Baptism for Christians.

DT. Children are introduced to sewing, making textile bean bags for a younger child to play with.

Music. Children improvise melodic phrases based on Abba's Mamma Mia. They go on to use the software Bandlab to create music online.

PE. Children develop their football skills, learning how to communicate and work effectively as a team.

Art. In their second project, children create textile maps with sewing and applique techniques. They look at art by Friedensreich Hundertwasser and Alexandra Kehayoglou..

PSHEE. During this term, children have weekly chess lessons during the PSHEE slots. However, regular classroom discussions and assemblies continue to ensure any relevant topics are addressed as needed.

Computing. Children continue their coding (websites and inO-Bots). They also learn to create presentations using Adobe Spark Videos. .

Spanish. Children learn to describe the weather and talk about sports. They develop their understanding of the present tense.

Trips, Visits and Experiences.
- **Tate Britain.** Building on previous gallery visits, children enjoy a range of Art and develop their knowledge of London galleries.
- **Poetry Slam.** This is a whole school event where children learn and perform poetry.

- **Electricity.** Using their knowledge from spring, children design their own fair test to answer different questions about circuits.
- **States of Matter.** Using their knowledge of solids, liquids and gases, children make predictions about what will happen to various items in different circumstance e.g. True or false? Liquids take the form of any container they are in.

History. Children continue to learn about Romans, thinking about how the Romans lived in Britain (Britannia). This takes the children up to the fall of Rome ready for the Y5 curriculum.

Geography. Children learn about different types of settlements and land use. Then, they look at how the land use has changed over time in Whitechapel moving from mainly agricultural use in the 1700s to transport and commercial land use now.

RE. Children learn about the Noble Eightfold Path in Buddhism, comparing this with the Five Pillars of Islam. The children go on to learn about the 10 Commandments for both Christians and Jewish people.

DT. Children develop their understanding of electronics, creating a paper circuit to light up a greetings card.

Music. During this term, children learn to play the recorder, in part by ear and from notation. They go on to study composer Benjamin Britten and create their own Peter Grimes' Sea Interlude.

PE. Children are introduced to cricket during PE sessions. They also take part in the school sports day at Mile End stadium.

Art. In their third and final project, children create clay figures inspired by Henry Moore, Alberto Giacometti and Barbara Hepworth.

PSHEE. This term, children explore online safety, including online gaming and dangers of screen time. Children are also taught about cyber bullying with practical advice on how to deal with this. NB: RSE is also taught in summer. We are reviewing the RSE curriculum. This will be completed and updated shortly.

Computing. Children learn how search engines work and how to use databases. They finally use their knowledge of code to create games using Kodu.

Spanish. Children learn a range of animal names and adjectives. They also review all of the grammar taught in Y4.

Trips, Visits and Experiences ● **London Zoo**.This exciting visit gives the children to see a wide range of animals complementing their learning about habitat and classification in science. ● **Christmas Events.** This will include decoration making, singing songs and a whole school assembly.	● **World Book Day.** This is a whole school event where children can dress up and celebrate books. ● **Spelling Bee.** This is a whole school spelling event where children go head to head to spell a range of words from their year groups curriculum. ● **Eid al Fitr Events.** A range of events will take place to celebrate Eid with the children.	**Trips, Visits and Experiences.** ● **Sleepover.** The children stay overnight at school taking part in a range of activities. This prepares children for the residential trips in Y5 and 6. ● **London Buddhist Centre.** Children learn first hand about the Buddhist religion. ● **Talent Show.** This is a whole school event, inviting children to perform and share a range of individual talents. ● **Eid al Adha Events.** A range of events will take place to celebrate Eid with the children. ● **Sports Day.** Children will participate and compete in a range of races. ● **Transition Day.** Children will have the opportunity to visit their new teacher and classroom for Year 3. ● **Summer Fair.** The whole school community will be invited to a special event in the school playground involving various stalls and games.