



*Growing the seeds
for lifelong learning*

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Dear Parents,

Year 6 Curriculum Newsletter
AUTUMN Term 1

Our class reading book this term will be – Cosmic – Frank Cottrell Boyce

English – Poetry and a Modern Novel Study

Reading goals

To

- Discuss understanding and explore meaning of words in context
- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions and justifying inferences with evidence
- Participate in discussions about books, building on their own and others' ideas and challenging views
- Predict what might happen from details stated or implied

Writing goals including Grammar

To

- Compose and perform their own poetry
- Explore how language and structural devices are used in poetry to create powerful responses
- Use a range of devices to build cohesion within and across paragraphs
- Draft and write by selecting appropriate grammar and vocabulary
- Assess the effectiveness of their own and others writing

Spelling goals

To learn a variety of spelling rules:

- Words ending '-able/ably', '-ible/ibly'
- Adding suffixes beginning with vowel letters to words ending in '-fer'
- Endings that sound like /ous/ spelt '-cious' or '-tious' (precious, ambitious)

Maths

Throughout the term children will learn the following:

Place Value: To

- Create, construct and record numbers to 10 000 000
- Write numbers to 10 000 000 in numerals and words
- Recognise the value of digits in numbers to 10 000 000
- Compare numbers to 10 000 000
- Round numbers to 10 000 000 to the nearest million, hundred thousand and ten thousand

Negative Numbers: To

- Add and subtract negative numbers using a number line
- Create number stories using negative numbers

Four Operations with Whole Numbers: To

- Use the order of operations to solve expressions
- Multiply numbers by multiples of 10
- Multiply 2- and 3-digit numbers without regrouping or renaming
- Divide 3-digit numbers by 2-digit numbers using a variety of strategies
- Divide 4-digit numbers by 2-digit numbers using number bonds and long division
- Use bar models to solve word problems involving multiple operations, including multiplication and division
- Use common multiples to solve problems
- Find the largest common factors of 3-digit numbers
- Explore prime numbers above 100
- Identify prime numbers using multiplication or division

| Science | PSHE |
|---|---|
| <p><u>Everything Changes</u> In Science we will ask...</p> <ul style="list-style-type: none"> • Why do living things vary? • Can you breed a dog for a specific purpose? • How can we make our food better? • How does the environment affect plants? • How do living things survive? • Why do living things become extinct? • What does it take to survive? • What evidence is there that living things have changed over time? | <p><u>Being Me in My World</u> This half term the PSHE foci will be:</p> <ul style="list-style-type: none"> • New beginnings • The purpose of giving • Developing a Growth Mindset • British Values • Respect and Tolerance • Always trying your best • Gratitude • Empathy |
| RE | Computing |
| <p><u>Religious Leaders</u></p> <p>In this unit children will explore the role of at least three different religious leaders in the local community. The children will then think and express what similarities and differences they can find out between the leaders.</p> <p>This unit will ask:</p> <ul style="list-style-type: none"> • Why do we need leaders? • What qualities do leaders possess? • Who is an important religious leader in Newham? • Who are important world religious leaders? • Can I compare different religious leaders? • What is the difference between a religious leader and a secular leader? | <p><u>Pico Drop</u></p> <ul style="list-style-type: none"> • This unit will introduce students to the concept of platform games using Scratch. • Students will build a game called Pico Drop. • In this game, a sprite called Pico continually falls from the top of the screen, landing on platforms as she goes. • Students will learn to create and code a variety of 'sprites': creating the characters, platform environment, loading screens and timer. |
| Topic | |
| <p>In our study of the Mayans, we ask:</p> <ul style="list-style-type: none"> • Why do we study the Mayan civilisation in school? • Why did the Mayan empire grow to be so powerful? • How different was life for the rich and poor at the height of the Mayan civilisation? • How did the Mayan number system work? • What was Mayan religion like? • How can we solve the riddle of why the Mayan empire fell so suddenly? | |
| Important Information | |
| <p>Guitar – Weekly guitar lessons continue this term after school on a Thursday; your child needs to bring their instrument with them.</p> <p>Spanish – Your child is learning Spanish in weekly Spanish lessons (every Monday).</p> <p>PLEASE NOTE:</p> <ul style="list-style-type: none"> • Homework is given out on Tuesday and due in the following Monday. There will be a playtime detention each Tuesday if homework is not completed. • Please support your child in finding a time to read daily to help improve their fluency and accuracy and ensure that they complete their reading journal (the yellow booklet). | |