



*Growing the seeds  
for lifelong learning*

Grange Primary School  
Suffolk Road, Plaistow  
London, E13 0HE  
Tel: 020 7476 5146  
Fax: 020 73451849  
[info@grange.newham.sch.uk](mailto:info@grange.newham.sch.uk)

**Mrs Dellis Smith**  
Headteacher  
B.Ed (Hons), NPQH

Dear Parents,

**Year 6 Curriculum Newsletter**  
**AUTUMN Term 1**

**Our class reading book this term will be –The Graveyard Book – Neil Gaiman**

**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>Out of this world</u> In Science we will learn to...</p> <ul style="list-style-type: none"> <li>• Explain what the Solar System is.</li> <li>• Name and describe the eight planets, in order of their distance from the Sun.</li> <li>• Create a graph to show the distance of each planet from the Sun.</li> <li>• Use secondary sources to explain how theories of the Solar System have changed over time</li> <li>• Use simple models to explain how the Earth's movement causes night and day.</li> <li>• Explain how the Moon orbits the Earth to cause a month.</li> </ul>	<p><u>Being Me in My World</u> This half term the PSHE foci will be:</p> <ul style="list-style-type: none"> <li>• New beginnings</li> <li>• The purpose of giving</li> <li>• Developing a Growth Mindset</li> <li>• British Values</li> <li>• Respect and Tolerance</li> <li>• Always trying your best</li> <li>• Gratitude</li> <li>• Empathy</li> </ul>
RE	Computing
<p><u>Thankfulness</u> This unit gives pupils the chance to learn about religious and non-religious thoughts about the power of thankfulness in human life. This unit will ask:</p> <ul style="list-style-type: none"> <li>• Can we appreciate working with others?</li> <li>• What messages can we learn from stories?</li> <li>• How can we find meaning and links between stories?</li> <li>• What do different religions teach about thankfulness?</li> <li>• What do we want to say about thankfulness?</li> <li>• Can we make a thankful mobile, showing our thoughts to others?</li> </ul>	<p><u>Pico Drop</u></p> <ul style="list-style-type: none"> <li>• This unit will introduce students to the concept of platform games using Scratch.</li> <li>• Students will build a game called Pico Drop.</li> <li>• In this game, a sprite called Pico continually falls from the top of the screen, landing on platforms as she goes.</li> <li>• Students will learn to create and code a variety of 'sprites': creating the characters, platform environment, loading screens and timer.</li> </ul>
Topic	
<p>In our study of Baghdad, we will:</p> <ul style="list-style-type: none"> <li>• Research Baghdad's role in the early Islamic civilization.</li> <li>• Research the House of Wisdom and how it became a centre of learning.</li> <li>• Explain significant discoveries and studies led by early Islamic scholars and evaluate the impact made to the wider world.</li> <li>• Describe who Muhammad is, how the first caliphate came to be formed and explain the role of a caliph.</li> <li>• Identify and talk about different forms of Islamic Art and create my own geometric pattern based on tradition techniques.</li> <li>• Identify reasons why the early Islamic civilisation became a major power.</li> <li>• Learn about the Silk Road trade route and the items offered for trade.</li> </ul>	
Important Information	
<p><b>Guitar</b> – Weekly guitar lessons continue this term <b>after school on a Thursday</b>; your child <b>needs to bring their instrument</b> with them.</p> <p><b>French</b> – Your child is learning French in weekly French lessons (every Monday).</p> <p>PLEASE NOTE:</p> <ul style="list-style-type: none"> <li>• Homework is given out on Mondays and due in the following Monday. There will be a playtime detention each Tuesday if homework is not completed.</li> <li>• Weekly spellings are handed out Mondays and tested on the following Monday</li> <li>• Does your child know their times tables? Rehearse them using their multiplication chart.</li> <li>• Please listen to your child read daily to help improve their fluency and accuracy and ensure that they complete their reading journal (the yellow booklet).</li> </ul>	