



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

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

Dear Parents,

Year 5 Curriculum Newsletter Spring Term 2

Our class reading book this term will be -

English – Fly, Eagle, Fly! And The Highway Man

Reading goals

- To
- Ask questions to improve understanding.
 - Infer a character's thoughts and motives from their actions and justify these inferences with evidence.
 - Identify how language, structure and presentation contribute to meaning.
 - Identify how dialogue contributes to characterisation.
 - Give / explain the meaning of words in context
 - Summarise main ideas from more than one paragraph
 - Making comparisons within and across books

Writing goals including Grammar- Children will:

- Read and discuss different genres of text
- Plan and write their own setting description
- Explore different endings and write their own alternative ending to a story.
- Explore different viewpoints and perspectives and they will write an internal monologue.
- Plan and write their own version of a story.

Grammar and Spelling goals

- Convert nouns or adjectives into verbs using suffixes
- Use commas for parenthesis
- Adverbials of time, place, number
- To use semi-colons to link independent clause
- Figurative language- similes , metaphor

Rehearse near homophones; rehearse spelling rules when modifying root words with suffixes; building words from root words; learn statutory words for yr. 5/6.

Maths

Statistics

- To read and interpret tables.
- To read and interpret two way tables.
- To read an interpret timetables.

Fractions and decimals

- To add and subtract mixed numbers.
- To multiply fractions.
- To find fractions of amounts.
- To know decimals as fractions.
- To understand thousandths.

Perimeter and Area

- To measure and calculate perimeters.
- To calculate the area of rectangles.
- To calculate the area of compound shapes.
- To estimate and calculate the area of irregular shapes.

Measures

- To understand metric measures.
- To understand imperial measures.

Science

In Science we will investigate the following questions:

- To know what gravity and resistance are and identify balanced and unbalanced forces.
- To plan and carry out an investigation into the effectiveness of various parachutes.
- To investigate how levers and pulleys work.
- To identify and understand how gears and gear ratios work.
- To investigate the effect ground friction has on movement.
- To investigate and identify the effect of boat shape on water resistance.

RE

This unit explores Inner Forces: What inner forces affect how we think and behave?

- To consider whether temptations can ever be overcome.
- To consider the nature of human beings.
- To consider what we can learn today from an ancient story.
- To consider what beliefs I would refuse to deny.
- To consider the difficulty of growing in acceptance.
- To reflect on what force for good I can be in the world.

Computing

We are Architects

Creating a virtual space.

This unit will enable the children to:

- Understand the work of architects, designers and engineers working in 3D.
- Develop familiarity with a simple CAD (computer-aided design) tool.
- Develop spatial awareness by exploring and experimenting with a 3D virtual environment.
- Develop greater aesthetic awareness

DT

In DT, children will explore bridges. Children will learn:

- To explore ways in which pillars and beams are used to span gaps.
- To explore ways in which trusses can be used to strengthen bridges.
- To explore ways in which arches are used to strengthen bridges.
- To understand how suspension bridges are able to span long distances.
- To develop criteria and design a prototype bridge for a purpose.
- To analyse and evaluate products according to design criteria.

Topic

This half term our topic is Tudor exploration. In this unit, children will:

- To introduce children to some of the changes that were taking place in people's ideas about the world in Tudor times.
- To examine some of the reasons why people in Tudor times explored outside Europe.
- To understand life at sea in Tudor times.
- To explore the life of Drake.
- To understand Drake's voyage and the reasons why he chose to circumnavigate the world.
- To explore why settlers went to Roanoke and the problems they encountered on their journey.

Important Information

PE –Tuesday and Friday are PE days. Please ensure your child has their full kit each week.

Spanish – Your child is learning Spanish every Tuesday

PLEASE NOTE:

- Homework is given out on Tuesdays and is due in the following Monday. There will be a playtime detention each Tuesday if homework is not completed.
- Weekly spellings are handed out on Tuesdays and tested on the following Tuesday
- Does your child know their times tables? Rehearse using Mathletics and Rising Star.
- Please listen to your child read daily to help improve their fluency and accuracy and ensure that they complete their Reading Journal (the green booklet). To get a variety of text please use Bug Club.