



**Oyster Park**  
Primary Academy  
Ambition · Bravery · Respect

# Curriculum Newsletter



## Summer: Year 5



### Reading

This term we shall be focusing on developing inference skills.

Children will be reading between the lines and answering questions linked to impressions they have about characters, backing up their answers using evidence from the text. They shall be answering questions using APE (Answer, Prove, Explain).



#### Class Reader

**George's Secret Key to the Universe**

**Author Focus: Lucy Hawking and Stephen Hawking**

### Mathematics

We will be measuring and drawing angles as well as learning to identify angles at a point and one whole turn, angles at a point on a straight line and half turn, as well as other multiples of ninety degrees. We will then continue to develop our knowledge of shapes, identifying 3D shapes including cubes and other cuboids, from 2D representations. We will also distinguish between regular and irregular polygons based on reasoning about equal sides and angles.

#### Key Vocabulary

2D, 3D, cuboid, properties, regular, irregular, polygon, acute, obtuse, reflex, estimation, degrees, protractor.

### Computing

This term, the children will learn how to touch type more efficiently and make simple alternations to text using a word processor. They will recognise and name the parts of a computer and list peripheral devices. Finally, the children will design a weather station which gathers and records sensor data and record this information on a spreadsheet.

#### Key Vocabulary

Pattern recognition, Decomposition, Algorithm, Abstraction  
Computational thinking, Backspace, Peripheral, Word processor

### Writing

This term our first vehicle text will be, 'The Lost Book of Adventure.' We will be learning how to write a Survival Narrative and a Survival Guide. Some of the skills we will be building on are using semi-colons to mark boundaries between independent clauses of equal weighting, using hyphens to avoid ambiguity and commas for clarity. During Summer 2, we will be using the vehicle text, 'King Kong' as a focus to learn the skills needed and how to write a Dilemma narrative and a Balanced Argument.

#### Vehicle Text: Summer 1: The Lost Book of Adventure



#### Summer 2: King Kong



### Science

The topic in Science this term is 'Earth & Space'. We will be looking at different phases of the Moon, where we will consider if the moon is only seen at night and if the moon creates its own light. As a class, we will look at the movement of the Earth and other planets relative to the Sun in the Solar System. Additionally, we will be learning about forces. We will identify the effects of different forces and how they act between different surfaces such as friction, air resistance and water resistance.

#### Key Vocabulary

Rotation, axis, orbit, revolve, sun, moon, revolution, earth, day, night, tilt, solar system, forces, gravity, meteorite, relative, balanced, up-thrust, air resistance

### Enrichment

Every Wednesday – Children take part in African Drumming.

Visit to National Space Centre- Date TBC

### Important Dates

PE is every **Thursday**.

## Topic Name: Ain't No Mountain High Enough

### History



This term in History, we will be learning all about Roman Castleford and the information we have gained from excavations. Our enquiry question this term is, "What do excavation sites tell us about Roman Castleford?" The children, will investigate why the Romans chose to settle in Castleford and the evidence that proves that they settled. Additionally, we will learn about the primary sources that

#### Key Vocabulary

Archaeologist, trench, excavation, fort, vicus, evidence, trade, settlement.

### Geography

This term our enquiry question in Geography will be, "Does the size of North America impact upon its human and physical geography?" We will be learning about where the countries of North America are located and what their landscape is like. We will be investigating the mountainous regions of North America and then we will find out how mountains are represented on a map. During our lessons, we will be using maps, atlases and globes to locate countries and describe their features.

#### Key Vocabulary

Time zone, mountain range, trade, summit, imports, ridge, exports, slope

**Adults:**  
Miss Lochman, Mrs Smithson, Mr Adams, Mrs Brown, Mrs Wheeler, Mrs Evans, Mrs Bickerdike

### Physical Education

This term we will be learning a range of skills to equip the children for playing a competitive rounders game. The children will learn correct techniques for different types of throws and catches, practise batting and bowling techniques and learn all about the roles and responsibilities of different fielding positions. In addition to this, they will learn how to think strategically and choose and apply a range of tactics to help them perform their best.

#### Key Vocabulary

Technique, strategically, tactics, fielding, attacking, defending, batting, bowling.

### Religious Education

The children will be investigating what it means to be a Muslim in Britain today. We will explore the things that help us through the journey of life and then we will compare it with what helps Muslims' through their journey. Additionally, we will learn about what happens on a pilgrimage and why it is significant for Muslim people. We will also learn about the five pillars of Islam and the importance of these to Muslims'.

#### Key Vocabulary

Journey, five pillars of Islam, spiritual, shahdah (a belief in one God), salah (prayer, five times a day), sawn (fasting the month of Ramadan), hajj (pilgrimage) and zakah.

### Art & Design

This term we will be investigating the work of Claude Monet as well as comparing his work to other impression artists. We will produce an original piece of artwork in the style of Monet as our final piece.

#### Key Vocabulary

colours, depth, illusion, patterns, fore, mid, background, layering, paint, texture, marbling

### Design & Technology

The children will create their own stuffed toy by bringing their drawings to life. They will be introduced them to a new stitch – blanket stitch.

#### Key Vocabulary

Blanket stitch, appendages, material, prototype, cross-section

### Music

The children will focus on composing their own piece whilst studying artists such as Martha and the Vandellas, The Four Tops and Marvin Gaye. Children will build on the previous knowledge of the dimensions of music (pulse, rhythm, pitch etc), singing and playing instruments.

#### Key Vocabulary

Soul, groove, riff, bass line, backbeat, brass section, harmony, hook,

### French

This term, year 5 will be learning the topic of 'En ville' in which we will learn the names for places in town, how to ask for and give directions, as well as the topic of 'En vacances' talking about holiday destinations and activities as well as expressing opinions.

## How you can support at home

There are many ways you can support your child's education at home. Listen to your child read daily for 10 minutes and record in their reading record. Support your child to practise their weekly spellings and timetables/ number bonds. Your child has access to a number of online platforms to support their learning. Please encourage them to access regularly during the week. Log In details can be found inside your child's reading record.

