



# Year 4 (2022/23) – Summer

## Big Question - Is it worth living in the ring of fire?



### ENGLISH (writing)

Narrative adventure- based on Charlie and the Chocolate factory

Discussion text - discussing whether It Is right or wrong to feed animals within national parks

Poetry - Inspired by Bare Earth Poems

Narrative with suspense - based on Iron Man by Ted Hughes

Explanation text - about the processes Involved in digestion

Big Question Essay - Is It worth living In the ring of fire?

### MATHS

#### NUMBER: Decimals

Making a whole and writing, comparing, ordering and rounding decimals. Halves and quarters as decimals.

#### MEASUREMENT: Money

Pounds and pence. Ordering and estimating amounts of money. Applying the four operations (+, -, x and ÷) to money, effectively converting between pounds and pence.

#### MEASUREMENT: Time

Hours, minutes and seconds. Years, months, weeks and days. Converting between analogue and digital using both 12 and 24hr notation.

**STATISTICS:** Interpreting charts and understanding comparison, sum and difference. Line graphs.

#### GEOMETRY: Properties of Shape

Identify, compare and order angles. Triangles and quadrilaterals. Lines of symmetry

#### GEOMETRY: Position and Direction

Describe position, draw and move positions on a grid. Describe movement on a grid.

### GEOGRAPHY

Children will recall the main continents and oceans of the world. They will be introduced to latitude and longitude and make links with time zones. They will locate the main lines of latitude (Equator, tropics of Cancer and Capricorn and Arctic and Antarctic circles).

Children will then study mountains, exploring the different processes that lead to their formation. They will then be Introduced to volcanoes and earthquakes, examining where they are on Earth, how they are caused and what consequences eruptions and earthquakes have for people's lives.

### ENGLISH (reading)

**The Tin Forest** – Discuss the impact of the illustrations and identify the message(s) the author is trying to convey.

*‘No matter where you live or what your circumstances are, where there is imagination, there is hope.’*

**The Wilderness War**– Summarise the action and events as the story unfolds.

**Podkin One Ear** – **#Investigate** author’s use of language to describe characters, settings and events.

Plus extracts and samples of a range of genres.

**Earth Shattering Events** - exploring non-fiction features and language.

### SCIENCE

#### BIOLOGY: Living Things and their Habitats

Children will develop an understanding of how living things can be grouped in a variety of ways. They will **#explore** and use classification keys to help group, identify and name a variety of living things in their local and wider environment. They will **#investigate** environmental changes and how habitats can be affected, posing dangers to living things (geography link). **#connections**

#### BIOLOGY: Animals including humans

Children will describe the simple functions of the basic parts of the digestive system in humans. They will identify the different types of teeth in humans and explain their functions and what this tells us about eating habits in different species. They will construct and interpret a variety of food chains, identifying producers, predators and prey.

### HISTORY

Perspectives

Explore

Share a Story

Investigate

Connections

Resilience

Creative Expression

Enterprise

Justify



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### PSHE

Every term we will discuss and reflect how to stay safe (including e-safety) and recognise and discuss a range of emotions and strategies to cope with different feelings.

**FIRST AID:** Children will be able to identify a burn or scald and when someone is having an asthma attack. They will learn how to give first aid or seek medical help if required.

**THE CHANGING BODY:** Children will **#explore** the human life cycle and know that changes happen during puberty and that they are linked to reproduction.

### ART

#### PAINTING AND PRINTING

**#Explore** the work of Andy Warhol. Practise capturing shapes and Investigating ways of making contrast. Children will also look at graphite paper as a method of Image transfer, before creating their own word Inspired by 'Vesuvius', experimenting with a range of materials and techniques.

Children will also look at the work of Georgia O'Keeffe, and experiment with a range of paint and print processes for capturing landscapes.

### COMPUTING

Every term we develop e-safety awareness and the basic knowledge and skill required to access the computing curriculum.

#### PROGRAMMING : Repetition in shapes and games

Children will create programs by planning, modifying and testing commands to create shapes and patterns. They will **#explore** the difference between count-controlled and infinite loops and use their knowledge to modify existing animations and games using repetition. They will design and create a game using repetition.

### MUSIC

Children will **#explore** a wide range of music from different traditions, genres, styles and periods, describing musical features using appropriate vocabulary (specifically the Goddess Gaia using the harp, flute and cello). They will perform rhythmically using a variety of structural forms and simple notations.

Children will continue to **#investigate** brass instruments and develop confidence on the lead up to a whole class performance.

### RE

#### PRAYER

Children will gain knowledge and understanding of prayer in different religious traditions. They will **#explore** the function of people, places and objects in prayer practices. Children will look at the story of 'The Pharisee and the tax collector' and what it teaches them about prayer. **#shareastory**

#### FAITH COMMUNITIES REPRESENTED IN WIGAN

Children will enquire into the nature and diversity of religion in our local area. They will **#explore** religious activities and communities in Wigan. Children will research a religious community in Wigan and find out about their work and how they practise their faith.

### DESIGN AND TECHNOLOGY

#### FOOD: Adapting a Recipe

Children will adapt a simple biscuit recipe in order to create the tastiest biscuit. They will work to ensure that their creation comes within the cost of a given budget. Children will then participate in a 'Biscuit Bake Off' in which a panel of judges will taste and review each group's creations and decide a winner.

**#justify #enterprise**

### PE

Children will develop throwing skills, coordination, running technique and competitive **#resilience** through athletics and tennis and striking and fielding.

### SPANISH

Children will learn more ways to express their likes and dislikes with a specific focus on food and drink, using verbs such as to like/love/hate/drink/eat/buy. They will **#explore** how to use the conditional phrase 'I would like' and use basic questioning in the form of how much when shopping.

### ENHANCEMENT & CELEBRATION

Billinge Hill - geographic fieldtrip

A visit from Imran Kotwal to enhance children's learning from the previous term about the Muslim pilgrimage to Mecca, known as Hajj. **#connections #perspective**

Now Press Play – Climate Change **#creativeexpression**

RE visit to Liverpool Synagogue and Anglican Cathedral to support our work on faith communities

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Share a Story

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