



## Year 3/4 Curriculum – Autumn 1 2021

### Maths

- ★ Unit 1: Place Value within 1000 (Y3).

The children will learn how to count in 100s and will extend the number line to 1000.

- ★ Unit 2: Addition and Subtraction 1 (Y3)

This Unit will introduce exchange and formal written methods.

- ★ Unit 1: Place Value 4 digit numbers 1 (Y4)

The children will continue to build on previous learnt skills and apply to 4 digit numbers.

- ★ Unit 2: Place Value 4 digit numbers 2 (Y4)

The children will move onto comparing 4 digit numbers and ordering numbers to 10,000.

### Computing

#### The Internet

★ Children will apply their knowledge and understanding of networks, to appreciate the internet as a network of networks which need to be kept secure. They will learn that the World Wide Web is part of the internet, and be given opportunities to explore it for themselves. Pupils will evaluate online content - how honest, accurate, or reliable it is, and understand the consequences of false information.

### PE

#### Dance

★ The children will develop actions and sequences through different styles of dance.

#### Invasion Games

★ Children will be taught through activities to develop communication skills (Tag Rugby).

### English

#### Charlie and the Chocolate Factory by Roald Dahl



- ★ Character description

We will be writing a character of the main character, Charlie Bucket.

- ★ Newspaper report

The children will write a newspaper report based on the release of the five golden tickets and reopening of the Chocolate Factory.

- ★ Diary entry

We will be writing a diary entry from the perspective of Charlie, finding the final golden ticket.

- ★ Setting description

Children will use the description from the text and short film clip to write a setting description of 'The Chocolate Room' inside Willy Wonka's Chocolate Factory.

### Who were the Maya?

This term we will be exploring the life, culture and history of the Americas. In History, we will look at the history of the Maya, exploring where they originally came from, how they worshipped and their culture.

In DT, the children will research the structure of Mayan temples to help them design, make and evaluate their own Mayan temple made from clay.



### Science

#### Living Things and Their Habitats

★ We will learn about the classification of living things, including micro-organisms, and learn about the binomial system developed by Carl Linnaeus. We will investigate the world of micro-organisms, looking at their cellular structure and investigating the growth of mould on bread. We will have the opportunity to classify living things in our area, showing how and why each living thing is classified.

### French

#### Core Unit 1:

★ The children will learn different greetings and vocabulary associated with their family.

### PSHE

#### Me and My Relationships

★ The children will be learning about cooperation and friendships: understanding that we don't always agree with each other. They will also explore different ways to make up with a friend if they have fallen out.

### RE

#### What is it like to follow God?

★ The children will make links between the story of Noah and how we live in school and the wider world.

### Music

#### Singing & Tuned Percussion

★ Children will consolidate and develop awareness of rhythm, pulse, pitch and to extend reading of standard and non-standard music notation.



## Year 3/4 Curriculum – Autumn 2 2021

### Power Maths

#### ★ Unit 3: Addition and Subtraction 2 (Y3)

This unit develops a depth of understanding of the key skills of formal addition and subtraction through place value, checking strategies and mental methods.

#### ★ Unit 4: Multiplication and Division 1 (Y3)

This Unit builds on equal sharing and equal grouping. The children will begin to multiply and divide 2 digit numbers by 1 digit numbers.

#### ★ Unit 3: Addition and Subtraction (Y4)

This Unit develops estimation and answer-checking strategies and problem-solving skills. The children will begin to add and subtract numbers with more than 4 digits.

#### Unit 4: Measure – Perimeter (Y4)

This unit develops children's knowledge of units of measurement by introducing the km. They will also be introduced to finding the perimeter of 2D shapes and rectilinear shapes.

#### ★ Unit 5: Multiplication and Division (Y4)

This unit focuses on learning multiplication and division facts, looking first at multiplying and dividing by multiples of 10 and 100, and then at multiplying and dividing by 0 and 1. This unit encourages children to use visual representations.

### Computing

#### Data Logging

★ Children will consider how and why data is collected over time. They will collect data as well as access data captured over long periods of time. They will look at data points, data sets, and logging intervals. The children will spend time using a computer to review and analyse data.

### PE

#### Basketball

★ Children will look to develop existing knowledge of passing, dribbling and shooting. They will develop their attacking and defending principles and learn about why these skills are important in games. Pupils will further their ability to work as a team to help reach their goals.

### English

#### ★ Setting description, diary entry, narrative

We will be using an animated short film 'Dia De Los Muertos' to write in a range of genres from the young girl's perspective.

#### ★ Persuasive leaflet

Children will find out about 'Day of the Dead' and will create persuasive leaflets to attract people to the festival.

#### ★ Non-chronological report

The children will be writing non-chronological reports about Mexico, focusing on information such as location, climate, tourist destinations, festivals, etc.



### What is Mexico like today?

In this topic, the children will find out about the similarities and differences between the UK and Mexico. The children will locate Mexico, looking at it in relation to the UK on a globe and will locate the physical features of the country. They will study the difference in weather and climate between Mexico and the UK. The children will be introduced to the concept of human geography and research the different festivals that are celebrated.

In Art, they will learn about the Day of the Dead and experiment using line drawings and creating sugar skulls linked to this. The children will look closely at artwork by Frida Kahlo and sketch self-portraits in her style.



### Science

#### Sound

★ In this topic, children will find out about how vibrations cause sounds and how sounds travel, as well as how sounds can change pitch and loudness. They will have the opportunity to investigate how sounds change over distance and through different materials. The children will investigate the best material for soundproofing.

### PSHE

#### Valuing difference (including British Values)

★ The children will research different community groups and understand why it is good to have different groups in order to help them recognise and respect diversity. They will also learn what tolerance and respect mean and how it can help make the classroom a safe and happy place.

### Music

★ The children will be studying music from Mexico and South America and learning about Mariachi bands.

### French

#### Core Unit 2:

★ The children will be studying core French vocabulary, including colours and counting up to 20.

### RE

#### What kind of world did Jesus want?

★ We will be identifying this as part of the 'Gospel', which tells the story of the life and teaching of Jesus. We will look at links between the Bible stories studied and the importance of love and life in the world today.