

### Literacy:

#### **Instructions and Explanations: Changing Technology**

Explore instructions and explanations with hover boards, doggie umbrellas & new-fangled escalators in the context of changing technology. Study the grammar of cohesion and create guides for futuristic travel.

#### **Anthologies: I Like This Poem**

Read/memorise poems and gather favourites in an anthology; they will also write their own. Use modal verbs and parenthesis.

**Modern Fiction:** Children will read an intriguing story. They will ask and answer questions and use inference skills to speculate about what is happening. They generate powerful vocabulary and revise parts of speech. They then write their own version or a sequel based on the book.

### PSHE/ SMSC: Money Matters

To explain some financial risks we might encounter and can discuss how we can avoid them.

To understand how retailers try to influence our spending.

To understand what 'value for money' means and can explain how we can tell if things are good value.

To explain why we need to budget and how to make one.

To explain why people borrow money.

To explain what tax is and why we need to pay it

### Art: Plants and flowers:

- To improve mastery of art and design techniques, including drawing in the context of pencil drawings.
- To create sketch books to record observations and use them to review and revisit ideas in the context of the drawing activity.
- To learn about great artists, architects and designers in history
- To improve mastery of art and design techniques, including sculpture in the context of modelling plants and flowers.

### DT: Super Seasonal cooking

- Understand seasonality in the context of when fruit and vegetables are in season in Britain
- Understand and apply the principles of a healthy and varied diet in the context of the importance of protein in the diet

### Special days/ trips:

Climate Action fortnight – WB 9/11/2020

Anti-bullying week – WB 16/11/2020

Y5/6 Bikeability – WB 23/11/2020 and WB 30/11/2020

### RE: Forgiveness.

- The children will explore what is meant by forgiveness and the role of forgiveness
- Children will explore the feelings involved when people forgive and are forgiven
- Children will learn the importance of forgiveness, remembering Allah is the most forgiving.
- Children will explore rights of Allah and rights a person in terms of forgiveness.

### Computing: Radio Station

Use software to create my own sounds by recording, editing and playing. Combine audio effects to create an original radio jingle. Research and plan digital content for a radio podcast. Use software to create and present digital content for a radio podcast. Design and record a persuasive radio advert for a product or service. Present and evaluate audio content.

## **TOPIC:** YEAR 5

## **Term:** Autumn 2

### History: The Shang Dynasty

To explain when and where the Shang dynasty was in existence and describe features of its location.

To use archaeological evidence to draw conclusions about what life was like in the Shang dynasty and present my findings.

To describe how the social hierarchy of the Shang dynasty was organised and To explain some of the religious beliefs and practices of the people from the Shang dynasty.

To know about the discovery, purpose and significance of oracle bones. To examine a range of artefacts to find out about life in the Shang dynasty.

To explain who Fu Hao was and why the discovery of her tomb was significant.

### Geography: Enough for Everyone

- To be able to explain what settlers need.
- To be able to explain how electricity is generated and distributed.
- To understand where electricity is generated in the UK.
- To understand about renewable sources of electricity.
- To be able to explain where our food comes from.
- To be able to use digital maps to calculate food miles.
- To understand the importance of conserving food, water and energy supplies.
- To understand that access to natural resources varies in different countries.

### Science: Forces

- To identify forces acting on objects.
- To explore the effect gravity has on objects and how gravity was discovered.
- To investigate the effects of air resistance.
- To explore the effects of water resistance.
- To investigate the effects of friction.
- To explore and design mechanisms.

### PE: Invasion Games/ Athletics

Children will recap on many of the essential and universal skills needed to play a range of invasion games, such as dodging, dribbling, passing and marking an opponent. It focuses specifically on attacking and defending skills, and the children will also develop their understanding of strategies of invasion games and working as a team. Children will have the opportunity to take part in individual, paired and small group activities as well as to play a range of competitive team games to enable them to practise and improve their skills.

### Arabic: All About Ourselves

Listen attentively and show understanding to spoken language in the context of parts of the body. To write sentences and adapt the words using the basic grammar rules to describe yourself. Apply sentence structure knowledge to hold short conversations about different activities in and outside school. To understand the vocabulary for a range of emotions and follow a simple story.

### Numeracy:

- $\times$  &  $\div$  numbers mentally drawing upon known facts
- $\times$  &  $\div$  whole numbers by 10, 100 & 1000
- Identify multiples & factors, including finding all factor pairs or number, & common factors of 2 numbers
- Recognise & use square numbers & cubed numbers & notion for squared and cubed
- Solve problems involving  $\times$  &  $\div$  including using their knowledge of factors and multiples, squares & cubes
- Know & use the vocabulary of prime numbers, prime factors & composite numbers
- Establish whether a number up to 100 is a prime & recall prime numbers up to 19
- Measure & calculate perimeter of composite rectilinear shapes in cm & m
- Calculate & compare the area of rectangles & include using standard units, estimate the area of irregular shapes
- Complete, read and interpret information in tables, including timetables

Place Value	Addition & Subtraction	<b>Multiplication &amp; Division</b>	Statistics
<b>Perimeter &amp; Area</b>	Fractions	Decimals & Percentages	Decimals
Properties of Shape	Converting Units	Geometry: Position & Direction	Volume