

Year 4

## Spring Term Overview



Tudor Grange Primary Academy

**Yew Tree**

### **English:**

#### **Reading:**

**Spring 1:** Planert Omar: Accidental Trouble Magnet by Zanib Mian

**Spring 2:** Max and the Millions by Ross Montgomery

Across both texts, children will be developing and enhancing reading skills, including vocabulary, inference, prediction, retrieval and summary.

#### **Writing:**

Jane Considine approach - Writing tasks will be based on the below texts. Texts will be used as a stimulus to enhance and generate writing ideas.

**Spring 1:** Balanced argument based on the text - Should we feed animals at national parks? By Chris Turnham

**Spring 2:** Narrative based on the text: The Great Chocoplot by Chris Callaghan

### **Mathematics:**

- Recognise and use factor pairs and commutativity in mental calculations
- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000
- Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers
- Convert between different units of measure [for example, kilometre to metre; hour to minute]
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metre
- Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
- Recognise and show, using diagrams, families of common equivalent fractions
- Add and subtract fractions with the same denominator
- Count up and down in tenths
- Recognise and write decimal equivalents of any number of tenths or hundredths
- Compare numbers with the same number of decimal places up to 2 decimal places

### **Science:**

#### **Spring 1: States of Matter**

Children will learn that materials are made of particles, and it is the way in which these particles are arranged and behave that determine if that material is a solid, liquid or gas. Children will conduct experiments to explore the processes that occur between states, such as melting and freezing. Children will also learn about the water cycle, having an awareness of evaporation and condensation.

#### **Spring 2: Electricity**

In this unit, children will learn about appliances, conductors and insulators and circuit components. By understanding electricity, children will also learn about the potential dangers to help encourage safe practice.

<p><b><u>Computing:</u></b>  <b><u>Programming – Repetition in Shapes</u></b>  This unit looks at repetition and loops within programming. Pupils will create programs by planning, modifying and testing commands to create shape and patterns. They will use Logo, a text-based programming language.</p>	<p><b><u>Physical Education:</u></b>  <b><u>Spring 1: Ball Skills</u></b>  Children will develop their accuracy and consistency when tracking a ball, explore a variety of throwing techniques and learn to select the appropriate throw for the situation.  <b><u>Gymnastics</u></b>  Children develop balancing, rolling, jumping and inverted movements and use these skills to create more complex sequences.    <b><u>Spring 2: Fitness</u></b>  Children will be given opportunities to explore and develop different areas of their health and fitness recognising how the activities make them feel.  <b><u>OAA (outdoor adventurous activities)</u></b>  OAA allows pupils to develop problem solving skills through a range of challenges.</p>	<p><b><u>PSHE (Jigsaw):</u></b>  <b><u>Spring 1: Being Me in My World</u></b>  Children will talk about their hopes and dreams, overcoming disappointment, creating new dreams, and achieving goals. During lessons, children will learn how to contribute to their team to achieve a desired goal.    <b><u>Spring 2: Healthy Me</u></b>  Children will recognise how different friendship groups are formed, how group dynamics change, understand the effects of smoking and alcohol on the body, and celebrating inner strength and assertiveness.</p>	
<p><b><u>History:</u></b>  <b><u>Spring 1: Vikings</u></b>  Children will be learning about who the Vikings were, where they came from and where they settled. They will also learn about the invasions by the Vikings, making observations and comparisons in order to understand the impact this has had to our modern-day life.</p>	<p><b><u>Geography:</u></b>  <b><u>Spring 2: Scandinavia</u></b>  Children will embark on a fascinating journey to Scandinavia as they explore the location, features and culture of Norway, Sweden and Denmark. They will find out how the climates differ in various areas of Scandinavia, explore spectacular scenery, learn about the culture and lifestyle in Scandinavian countries.</p>	<p><b><u>Religious Education:</u></b>  <b><u>Spring 1: What does it mean to be free?</u></b>  Children will be learning about the Jewish celebration of ‘Passover.’ They will be linking this work with issues of slavery.    <b><u>Spring 2: Why did Jesus tell parables about being lost and found?</u></b>  Children will be reading parables from the bible including; Agape Love and Story of the Lost Sheep. Children will then be relating these to their own lives, and what it teaches us.</p>	
<p><b><u>Art and Design:</u></b>  <b><u>Spring 1: Textiles/ Collage</u></b>  Children develop an awareness of a range of fabrics. Explore how these materials can be manipulated as we</p>	<p><b><u>Design and Technology:</u></b>  <b><u>Spring 2: Electrical Systems – Torches</u></b>  Children will identify the difference between electrical and electronic products. They will evaluate a range of existing torches and their features, then develop a new functional torch design.</p>	<p><b><u>Music:</u></b>  <b><u>Clarinet</u></b>  The children in Year 4 will be having weekly lessons with Mrs</p>	<p><b><u>Modern Foreign Languages:</u></b>  <b><u>Latin</u></b>  Children will be learning</p>

<p>create and use dyes, use printing and fabric pens. Children learn how to apply decoration using needle and thread.</p> <p><b>Artist study: Gustav Klimt</b></p>		<p>Kormann. They will be learning how to play the clarinet as well as learning how to read basic sheet music.</p>	<p>how to say, read and write simple sentences in Latin.</p>
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