

# Oak Class Curriculum Update January 2025

## English

**Writing:** To start this term we will explore the book 'The journal of Iliona a young slave' written by Richard Platt. We will then write our own diary entry based on our History unit Romans. After half term we will create our own Iron creature and write a narrative setting based on the Iron Man by Ted Hughes.

**Reading for pleasure:** In class we read books to open up a new world! This term children will listen to The Iron Man by Ted Hughes, The Last Bear by Hannah Gold and Krindlekrax by Philip Ridley.

**Reading:** In whole class reading lessons we will read a range of fiction, non fiction and poetry. We develop our knowledge of vocabulary, practise choral reading as a class and practise reading with our partners. We will also answer questions about we have read.

**Grammar and punctuation:** We will recap different sentence types and learn how to punctuate headings and subheadings. We will look at how to group ideas using paragraphs. Next we will recap how to use apostrophes for contraction and how we use apostrophes to identify possession. We will develop our understanding on how to use inverted commas to punctuate speech. Finally we will look at past and present tense, how to use was and were correctly and how to make verbs progressive or continuous.

**Spelling:** learn to apply phonic rules, select the correct spelling alternative, use prefixes and suffixes noting the change to the root words, spell homophones and difficult words.

**Handwriting:** practise correct formation of basic joins, ensure consistency in size and proportions of letters.

## Maths

Year 3	Year 4
<ul style="list-style-type: none"> <li> <b>Multiplication and Division</b>  Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.  Write and calculate mathematical statements for multiplication and division using the multiplication tables they know.  Solve problems involving multiplication and division, using arrays, repeated addition, mental methods and facts.  Solve problems including missing number problems.  Write and calculate statements for multiplication and division using the tables they know. Progressing to formal methods </li> <li> <b>Fractions and Decimals</b>  Recognise and use fractions as numbers  Compare and order fractions  Count up and down in tenths  Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one -digit number or quantities by 10  Recognise and show equivalent fractions  Add and subtract fractions with the same denominator within a whole </li> </ul>	<ul style="list-style-type: none"> <li> <b>Multiplication and Division</b>  Recall and use multiplication and division facts for multiplication tables up to 12 x 12.  Recognise and use factor pairs  Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.  Solve problems involving multiplication and adding, using multiplication by 1 digit number by two digit number  Solve simple measure and money problems involving fractions and decimals to two decimal places  Multiply two digit and three digit numbers by a one digit number using formal written layout </li> <li> <b>Fractions and Decimals</b>  Solve problems involving increasingly harder fractions  Count up and down in hundredths  Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten  Recognise and show families of common equivalent fractions  Add and subtract fractions with same denominator  Recognise and write decimals equivalents of any number of tenths or hundredths  Recognise and write decimals equivalents to 1/4, 1/2 and 3/4  Round decimals to the nearest whole number  Compare numbers with the same number of decimal places up to 2dp </li> </ul>
<b>We will use Times Table Rockstars to practise our quick recall of all the times tables up to 12x12</b>	

Science	History
<p><b>Forces and Magnets</b></p> <p>This half term we will be looking at forces and magnets. We will compare how things move on different surfaces and notice that some forces need contact between two objects, but magnetic forces can act at a distance. We will observe how magnets attract or repel each other and attract some materials and not others. We will compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.</p>	<p><b>Why did the Romans invade and settle in Britain?</b></p> <p>We will start this History unit by investigating life in Ancient Rome. We will discuss the terms 'empire, invasion and settlement'. We will then look at the causes of the Roman invasion of Britain and how the Celts responded. We will explore how the Roman army was so successful and use artefacts to investigate the lives of Roman soldiers. We will then look at the term legacy and identify how the Romans changed Britain</p>
<p><b>Electricity</b></p> <p>After half term we will be exploring electricity. First we will investigate which common appliances that run on electricity. We will construct a simple electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers. We will then identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery. We will investigate different materials and recognise some common conductors and insulators, and associate metals with being good conductors.</p>	<p><b>Geography</b></p> <p><b>Why are the rainforests important to us?</b></p> <p>We will start this Geography unit by looking where in the world are tropical rainforests and be able to describe the biome. We will then explore the four layers of a rainforest and how plants adapt to living there. We will next look at who lives in the rainforests and how they use its natural resources. We will identify the importance of rainforests, how they are changing and the threats they face. We will then look locally at our woodlands and collect data about our area.</p>

French	Art and D&T
<p>This half term we will learn how to say 7 family members, ask and respond to questions about our family and say the name of 10 pets. After half term we will learn how to ask and answer questions about school.</p>	<p>For art we will work on our drawing and sketching. We will look at how we hold the pencil and use pressure to create shading, use charcoal and rubbers to create light and dark and be aware of size when drawing.</p> <p>For Design and Technology we will develop our understanding about series and parallel circuits and different types of switches. We will then apply our knowledge about electric circuits in a purposeful way by designing and making a battery operated light which will be controlled by a homemade switch. We will decide upon the design criteria for the light by considering who will use it, where it will be used and what for. Finally, we will complete a detailed evaluation of our final product.</p>
<p><b>PSHE</b></p> <p>This term our first Jigsaw unit is called Dreams and Goals. This unit will look at staying motivated when doing something challenging, working well with a partner or in a group and having a positive attitude.</p> <p>Our second unit is called Healthy Me. This unit focuses on making healthy choices, being physically active, know how to keep ourselves safe and enjoy healthy friendships.</p>	

Music	Computing
<p>We follow the Charanga music scheme. These lessons provide children with the opportunity to listen and respond to different styles of music, use their voices and instruments to listen and sing back and have a go at composing their own piece of music. In the first part of the spring term we will focus on the song 3 Little Birds and listen to Reggae music. We will answer the question; Who was Bob Marley and what was his musical style? After half term we focus on The Dragon Song and discuss the question: can music tell a story?</p>	<p><b>Coding</b></p> <p>To start the year, we will look at their coding program similar to scratch. The children will design and write a program that accomplishes a specific goal, use variables and 'If/else' statements and debug a programme. The children will use flowcharts, times and repeats in a computer program to make an object move. They will create their own game and run, test and debug it before sharing it with the class.</p>

RE	PE and swimming
<p><b>How do festivals and worship show what matters to Muslims?</b></p> <p>In this unit, we will identify some beliefs about God in Islam, expressed in Surah 1. We will also make clear links between beliefs about God and ibadah (worship) and how this links to prayer, fasting, celebrating and the intention to live out the five pillars of Islam. We will have opportunities</p>	<p><b>7th, 14th and 21st (Tuesday)</b> is our swimming day. We will be having an hour-long lesson for 3 weeks. Please ensure children have a towel and swimming costume. Please do not be late on these days as we need to be on the coach by 8.50am!</p>

to ask questions and suggest answers about the value of submission and self-control to Muslims, and whether there are benefits of these for all people.

**How do festivals and family life show what matters to Jewish people?**

In this unit, we will build on our knowledge about Jewish worldviews and way of life. We will recap work on Shabbat and deepen it by considering how different Jews today mark it. We will understand that Jews are diverse – beginning to use the language of Orthodox and Progressive. We will explore Shabbat, Rosh Hashanah, Yom Kippur, and Pesach to build up our understanding of festivals and ideas of forgiveness, remembering, and freedom.

On **Wednesday** we will continue to learn drumba. Drumba is a high energy workout combining drums and music. It involves great levels of coordination, concentration and fitness and is great for improving confidence, resilience and leadership.

On **Fridays** we will take part in yoga. We will learn about mindfulness and body awareness. We will begin to learn yoga poses and techniques that will help us to connect our mind and body. The unit builds strength, flexibility and balance. The learning includes breathing and meditation taught through fun and engaging activities.

- Please ensure your child comes to school in their PE kit in school for our PE lessons on **Wednesday and Friday**.
- Children in Year 3 and 4 can bring in a healthy snack for their morning break. Please remember to bring in a water bottle everyday.
- Homework is given out on Thursday and is to be given in on Wednesday.
- Reading books and reading diaries should be in school everyday. We try to listen to each child individually in the week as well as our whole class reading lessons.