

## Art

**Ancient Egypt:** Draw faces in pencil and charcoal, explore the work of the artists David Hockney, Leger and Man Ray, sculpt using clay and make a 3D model of an Egyptian mask.

## Mathematics

Place 4-digit numbers on landmarked lines; round 4-digit numbers; mentally add and subtract to/from 4-digit and 3-digit numbers using place-value; count on and back in, use expanded written subtraction and compact written subtraction; use expanded column subtraction and compact column subtraction, learn the 7x table and 'tricky' facts; use the vertical algorithm to multiply 3-digit numbers by 1-digit numbers; solve simple money problems with decimals to two decimal places,; find non-unit fractions of 2-digit and 3-digit numbers; find equivalent fractions and use them to simplify fractions (halves, thirds, quarters), Recognise and compare acute, right and obtuse angles; draw lines of a given length; identify perpendicular and parallel lines; recognise and draw line symmetry in shapes; sort 2D shapes according to their properties; draw shapes with given properties and explain reasoning; draw the other half of symmetrical shapes, Understand how to using place value and mental strategies; identify factor pairs and use these to solve multiplications and divisions with larger numbers; use Frog to find complements to multiples of 1000; use Frog to find change from £10, £20 and £50, Tell the time on a 24 hour clock, set 24 hour clock in calculating intervals of time; measure and calculate perimeters of rectilinear shapes where each side is labelled in cm and m; find missing lengths in rectilinear composite shapes; find the perimeters of rectilinear shapes with some lengths not marked; convert from one unit of length to another.

## Geography

**Water:** Pupils will learn about the three states of matter for water, key aspects of the water cycle, explain how clouds and rain are formed, learn how and why drinking water is cleaned, explain the causes and effects of flooding, understand the cause and effects of water pollution.

## PE and Games

Dance activities led by four corner coaching

# Oak Class Curriculum Overview Spring Term 2022

## Science

**Animals including Humans:** The pupils will understand how animals obtain food in different ways, identify nutrition amounts for animals including humans, name the different types of skeletons, identify the main bones in the body and how a skeleton protects, supports and helps move the body, set up practical enquiries and explain their findings.

**States of Matter:** The pupils will be able to sort materials into solids, liquids and gasses, explain the effects of heating and cooling mixtures, identify melting and freezing points of water, explain evaporation, identify the stages of the water cycle, conduct investigations, make predictions and explain their findings.

## Design Technology

**The Great bread Bake Off:** learn about the history of bread, analyse existing products according to their characteristics, design and make their own bread.

## PSHE

**Dreams and Goals:** Aspirations, how to achieve goals and understanding the emotions that go with this.  
**Healthy me:** Being healthy and keeping safe.

## History

**Ancient Egypt:** The pupils will find out about ancient Egypt by examining artefacts, understand what was important to the ancient Egyptians, explain the ritual of mummification, use evidence to find out about the past, compare and contrast Egyptian writing with their own and learn about the Egyptian gods.

## Music

Explore notation and perform on a tuned instrument.

## English

**Texts:** Myths and Legends: *The Orchard Book of Greek Myths* by Geraldine McCaughrean, *Greek Myths* by Marcia Williams, *The Hamilton Book of Traditional Tales*, Recounts: *The Day I Swapped my Dad for Two Goldfish* by Neil Gaiman & Dave McKean, *Diary of a Killer Cat* by Anne Fine, Traditional Poems: *A Child's Garden of Verses* by Robert Louis Stevenson, Imaginary Narratives: *Fantastic Mr Fox* by Roald Dahl, **Non-chronological reports:** Selection of *Harry Potter* books by J K Rowling and various *performance poems*.

**Grammar:** Using pronouns for cohesion and to avoid repetition and ambiguity, Introducing the idea of tense in verbs; using prepositions to express time or place; writing sentences with more than one clause using a wider range of connectives, using adverbs and adverbials (prepositional phrases which act as adverbs); creating complex sentences; using commas after or before phrases and clauses; using and punctuating direct speech, verbs, 3<sup>rd</sup> or 1<sup>st</sup> person, adjectives, present perfect, simple past tense, punctuate speech, possessive apostrophes, pronouns, singular and plural nouns.

## Computing

**Animation:** The pupils will create a series of linked frames that can be used as an animation.

**Internet research and communication:** Identify how word order affects search results, explain how searches return results, investigate how we communicate online, know how to be safe and responsible online.

## RE

**Christianity:** Know who founded Christianity, the main beliefs, special place, festivals, holy books and Christian symbols.

**Good Friday:** Recall the Easter story, explain the importance of Jesus' words at the last supper, explain how prayer is related to Good Friday, relate Jesus' example of self-giving, explain the resurrection of the cross, know the significance of Easter eggs.