



**Willoughby Road Primary  
Academy**

**Spring Term  
Curriculum Updates**



# EARLY YEARS

## Nursery - Acorns Class

### Spring 1:

This term children are looking at the key theme of 'The Story of my life...' The children are exploring Little Red Riding Hood and The Three Billy Goats Gruff to support their early writing and they will explore retelling these stories through role play and creative learning.

### Spring 2:

The children will explore the theme of 'I heard it through the grapevine...' which includes the stories: The Crunching Munching Caterpillar and Sam Plants a Sunflower.

In maths, children will build on their knowledge of numbers, focussing on numbers 3-6. They will also find out about height, length, mass and capacity. As well as this, the children will have the opportunity to explore art through two inspirational artists this term: Henry Moore and Anthony Gormley.

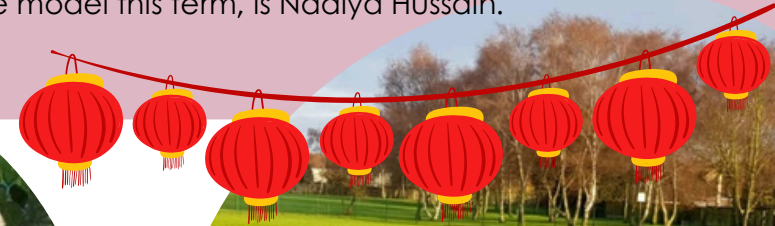


## Reception - Pine Class

### Spring term:

This term our focus is Fairy Tales. We have been reading The Gingerbread man and have followed instructions to make our own gingerbread biscuits! Moving forward, we will be focusing on the story of Jack and the Beanstalk.

In Expressive Arts and Design, we are focusing on sculptures and looking closely at the work of Barbara Hepworth and Grayson Perry. For Understanding the World we are focussing on how we belong to different places and have different characteristics. We will be introducing the children to the festival of Lunar New Year. Our inspiring role model this term, is Nadiya Hussain.



# YEAR ONE Yew and Bay Class

## Phonics

## ELS Essential Letters and Sounds

The Year 1 children continue to follow our chosen Phonics Programme - ELS: Essential Letters and Sounds. The Year 1 children who are ready have begun to learn alternative sounds and others are continuing to recap Phase 3 and Phase 5 graphemes. All children continue to practise their blending using their robot arms and blending hands.

## English

*The Queen's Hat* by Steve Antony is our model fiction text for this term. We will be exploring how to write action sentences with different verbs and adverbs, before writing our own journey tale. After half term, we will be writing an information text about a royal person. We will also be writing poetry based on James Reeves' poem, *Slowly*, and taking part in Shakespeare Week.



## Maths

### Spring 1

In the first half term pupils will look at multiplication and division along with place value. They will learn to solve one-step problems involving multiplication and division by calculating the answer using concrete objects, pictorial representations and arrays. Children will focus on accurately counting from 50 - 100 too.

### Spring 2

In Spring term pupils will start to understand fractions and begin to develop a deeper understanding of shape. They will learn to recognise, find and name a half as one of two equal parts of an object, shape or quantity and will find and name a quarter as one of four equal parts of an object, shape or quantity.



## Humanities



### History

In the first half term, pupils will learn that dinosaurs existed before humans. They will learn about what the world was like during the Cretaceous Period. The children will learn all about Peter Kaisen who found the very first velociraptor fossil.

### Geography

In the second half term, pupils will learn that the UK has four seasons and that these have different types of weather. They will learn what the equator is and that places close to the equator are hot and those further away are cold.

## R.E.

### What is a journey and why do people go on them?

In the first half term, pupils will learn about the religious and non-religious reasons people may go on a journey. They will also learn that sometimes journeys can be difficult.

### What is Islam?

In the second half term, pupils will learn that Islam is one of the world's religions. They will learn that a mosque is a special place for worship and that prayer is an important way people of the Islamic faith talk to Allah.



## Science

### Animals Including Humans

In the first half term, pupils will learn the different parts of the human body. They will also learn what carnivores, herbivores and omnivores are and to recognise amphibians, fish, birds, mammals and reptiles.

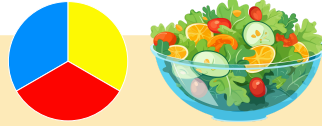
### Plants

In the second half term, pupils will learn the parts of different plants and know the difference between deciduous and evergreen trees.



# YEAR ONE Yew and Bay Class

## Art & D.T.



### Art

In the first half term, pupils will learn how to print with hard and soft materials and that Joan Miro used simple shapes and red, blue, yellow and black in his art. In the second half term, they will learn to name the primary colours. They will also learn that different brushes make different thicknesses of line.

### D.T.

In the first half term, pupils will learn about Food and Nutrition. They will recognise different foods that come from plants and animals and know how to use three different techniques to cut ingredients safely. The children will work together to prepare a salad.

## Computing



### Online Safety:

The children will start this term recapping their understanding of online relationships. As Safer Internet Day approaches - children will complete a range of activities and join in with a whole school assembly showcasing the importance of understanding how to stay safe online.

### Spring 1: Moving a Robot

In this unit, pupils will be introduced to early programming using a floor robot. They will give clear commands to programme their floor robot to follow a simple route. The children will work in teams to direct their floor robot using a range of different commands and then problem solve if their robot doesn't follow their commands accurately.

### Spring 2: Grouping Data

In this unit, pupils will be introduced to data and information. They will learn how to label, group and classify objects based on their properties.

## P.E.



### Spring 1: Gymnastics

The children will begin to perform basic shapes. They will learn how to perform basic jumps such as a straight and star jumps. The children will begin to learn how to roll i.e. tuck roll, log roll and forward roll. Towards the end of this unit, children will create sequences which involve elements of balancing too.

### Spring 2: Olympic Dance

Children will begin to learn ways of listening to the music and moving in time to it. They will work in pairs and small groups to create a dance. Moving on, they will begin to understand the concept that a dance has a start, middle and end.

## P.S.H.E



### Spring 1: Dreams and Goals

Pupils will talk about setting simple goals, how to achieve them and overcoming difficulties. They will also learn to recognise feelings associated with facing obstacles to achieving our goals and discuss how to work well with a partner.

### Spring 2: Healthy Me

Pupils will learn about healthy and less healthy choices and how they make them feel as well as hygiene and keeping clean. They will also learn about road safety and people who can help them to stay safe.

## Music



### Focus: Rhythm and Composing

The children will begin this unit learning all about the beat of music. They will explore moving to the beat of the music and how they are respond to its beat. There will be lots of exploration with rhythm too including learning how basic rhythmic notation can look and sound. As well as this, the children will listen to some Irish music..



# YEAR TWO Elm and Bay Class

## ELS Essential Letters and Sounds



### English

We will be reading *The Owl Who Was Afraid of the Dark* by Jill Tomlinson. This book tells the story of Plop the Baby Barn Owl who is afraid of the dark. He is so scared he won't even go hunting with his family. So Mrs Barn Owl sends him down from his nest-hole, where he will meet a series of friends who will convince him that perhaps there is a little bit of magic in the dark after all.

*Peter Pan* by J.M. Barrie is our inspiration for the start of this term's writing, in which we will explore different ways of describing a character and write our own fantasy tale, before writing an information text about fantasy creatures. We will also be writing poetry about mythical beasts, inspired by *The Hippocrump* by James Reeves, and take part in Shakespeare Week.

### Maths

#### Spring 1

In the first half term of Year 2, pupils will begin their work on fractions along with an introduction into the concept of maths linked to money. They will recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$  and  $\frac{3}{4}$  of a length, shape, set of objects or quantity.

#### Spring 2

The pupils in Spring 2 will be continuing their work involving money and learn to recognise and use symbols for pounds (£) and pence (p); They will also learn to combine different amounts to make a particular value. They will also start to explore the mathematics of time, position and direction.

### Humanities



#### History:

In History this term we will be looking at the history of a stately home in North Lincolnshire, called Normanby Hall. Pupils will be visiting the Hall and comparing the differences between our homes and the Hall.

#### Geography:

In Geography the children will learn about Mexico. They will know that this is in North America and there are many different landmarks, animals and plants that can be found there.

### R.E.



#### Spring 1: How were religious messages communicated?

In the first half term, pupils will learn what communication is. They will also learn that apostles and companions communicated and shared religious messages in the past.

#### Spring 2: What does it mean to belong to a mosque or a church?

In the second half term, pupils will learn that places of worship can be an important part of a community. They will also learn that groups of people pray together and what features of a mosque help focus and respect.

### Science

#### Animals Including Humans

Pupils will learn that some animals give birth and that some animals lay eggs. They will also learn what a life cycle is and observe changes of a butterfly life cycle.



# YEAR TWO

## Elm and Bay Class

### Art & D.T.

#### Art

In the first half term, pupils will learn how to weave and to dye wool using natural materials. In the second half term they will learn how to print using repeating patterns and a stencil onto fabric to make Mexican-inspired bunting.

#### D.T.

In the second half term, pupils will learn how to join and stitch fabric and to use templates. They will also learn the difference between fruits and vegetables and that some ingredients are farmed, caught or grown elsewhere.

### P.E.

#### Spring 1: Gymnastics

In Year two, children continue to master their basic gymnastic shapes. They also continue to master jumps such as Straight, Star and Tuck. They will progress from log rolls to dish/arch rolls and a forward roll. They will develop their bunny hops on the floor and then on small apparatus. Children will also work to create sequences, linking 3 skills together.

#### Spring 2: Olympic Dance

In In year 2, children will continue to learn ways of listening to the music and moving in time to it. They will work in pairs and small groups to create a dance

### P.S.H.E.

#### Spring 1: Dreams and Goals

Pupils will explore setting realistic goals and how to achieve them. They will discuss perseverance when finding things difficult and reflect on who they can work well with in a group and why.

#### Spring 2: Healthy Me

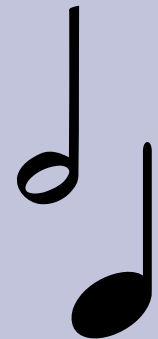
Pupils will learn about healthy food and snacks and how to make healthy food choices. They will reflect on what makes them feel relaxed or stressed. They will also learn how medicines work and how to use them safely.



### Music

#### Focus: Rhythm

Children will begin to learn the difference between beat and rhythm and what simple musical notation sounds like. They will be able to explain how a minim sounds different to a crotchet note. The children will explore rhythms by playing a rhythm in time to a march.



### Computing

Spring 1: Robot Algorithms: In this unit, pupils will understand how to order instructions to ensure that they are precise when creating a more complex route for a floor robot. They will also design and test algorithms and 'debug' them to fix any errors.

Spring 2: Pictograms: In this unit, pupils will count and collect data using a tally chart. They will present data in the form of a pictogram and a block diagram and then use this data to answer questions.



# YEAR 3/4 Willow and Larch Class

## English

We will be reading *The Firework Maker's Daughter* by Phillip Pullman. This book tells the story of Lila who dreams of being a Firework-Maker, just like her father! To discover the final fireworkmaking secret, Lila must bravely head off alone on a journey – a journey filled with dangers beyond anything she could have imagined...



The first half term's fiction writing is based on *Elf Road*, a portal story into a fantasy world. We will also write poetry, based on Emily Dickinson's *Dear March, Come In*, where we will experiment with how to personify a season or month. After half term, we will hone our persuasive writing skills and take part in Shakespeare Week.



## Maths



**Spring 1:** Pupils will begin the half term exploring the concept of fractions and this will lead into work involving decimals. The children will recognise and show fractions, using diagrams and families of common equivalent fractions. They will learn to recognise, find and write fractions of a discrete set of objects. They will also count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.

**Spring 2:** Pupils will be learning about decimals when as they begin to recognise and write decimal equivalents of any number of tenths or hundredths. They will also look at money where they will estimate, compare and calculate different measures, including in pounds and pence.

## Humanities

### Geography:

In the first half term, pupils will learn about Greece as a contrasting locality. They will learn what different biomes there are in the world and that land can be used in different ways. They will also learn about the different features of a river and how the water cycle works.

### History:

In the second half term, pupils will learn about Ancient Greece and how they have influenced the modern world.

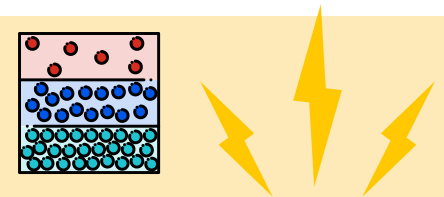
## R.E.



### **How and why do people show commitment to their beliefs?**

In the spring term, pupils will learn what commitment, reflection and faith is. They will also learn how events and beliefs demonstrate commitment. This includes the Jewish New Year and Yom Kippur for people of the Jewish faith, the Five Pillars and Ramadan for people of the Islamic faith and Lent for people of the Christian faith.

## Science



### **States of Matter:**

In the first half term, pupils will learn the different states of matter (solids, liquids and gases) and how heating and cooling changes these.

### **Electricity:**

In the second half term, pupils will learn what conductors and insulators are. They will also learn how to make a simple circuit and understand how a switch affects this.

# YEAR 3/4 Willow and Larch Class

## Art & Design

During the Spring Term, pupils will learn how to print using a polyblock. They will learn how to indent this to create shapes and texture and to take influence from Naum Gabo.

## Computing

### Spring 1: Repetition in Shapes

In this unit, pupils will use Logo, a text-based programming language, to plan, modify and test commands to create shapes and patterns. They will focus on repetition and loops within programming.

### Spring 2: Data Logging

In this unit, pupils will use data loggers to monitor their environment and gather data over periods of time. They will review, analyse and interpret the data collected and ask and answer questions by completing further data logging.

## P.E.

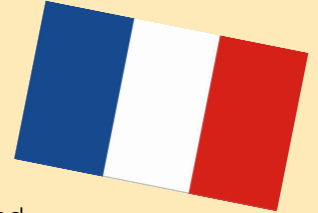
**Spring 1:** We will perform a Teddy Bear roll with control and pointed toes, perform a matching and mirroring balance in a sequence with control and precision, perform a bunny hop lifting their legs with control, height and pointed toes and perform a sequence in unison showing body tension and some control.

**Spring 2:** We will be learning the dance from The Greatest Showman. The skills we will be focusing on are dancing in unison and canon with a partner/group, performing a range of movement patterns. We will perform dance movements using variety of space elements e.g levels, formations and pathways.

## M.F.L

**Spring 1:** In this unit pupils will learn the vocabulary for basic greetings in the foreign language enabling the pupils to participate in a short oral conversation by the end of the unit.

**Spring 2:** In this unit pupils will learn 7 modes of transport (nouns and definite articles/determiners) in the foreign language via colourful and immersive lessons. Each lesson will be accompanied by a song that pupils will be encouraged to actively participate in.



## Music

### Spring 1: Rhythm

In Music, pupils have been learning about rhythms, beats and how to compose their own rhythms. They have also been learning about musical notations and how to use them.

### Spring 2: Singing and Performing

Pupils will learn a new song and perform this in groups. They will also look at different pop and Gospel artists.

## P.S.H.E.

### Spring 1: Dreams and Goals

Pupils will consider their hopes and dreams and discuss how to overcome feelings of disappointment if dreams do not come true. They will discuss setting new goals after a set back and explore overcoming challenges in a group.

### Spring 2: Healthy Me

Pupils will reflect on their friendships; how different people make them feel and which friends they value the most. They will learn about smoking and alcohol and why some people might choose to smoke or drink. They will also explore peer pressure and how to deal with it successfully.



# YEAR FIVE

## Oak Class

### English

We will be reading *The Boy at the Back of the Class* by Onjali.Q.Rauf. This book tells the story of how Ahmet, a refugee, is shown empathy by four nine-year-old classmates when he joins their school. The story highlights the importance of friendship and kindness in a world that doesn't always make sense.



We practise suspenseful writing this term, with a wishing tale, *The Nightmare Man*, and then become poets, inspired by Eleanor Farjeon's *Cat!* After half term, we will experiment with ways to write an informative text about Grendel the Nightbeast from *Beowulf*, and also take part in Shakespeare Week.

### Maths

#### Spring 1

The Year 5 pupils will begin their units involving fractions, decimals and percentages. This will involve identifying naming and writing equivalent fractions of a given fractions, represented visually, including tenths and hundredths.

#### Spring 2

In Spring 2, the Year 5 pupils will be learning about negative numbers. They will interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.



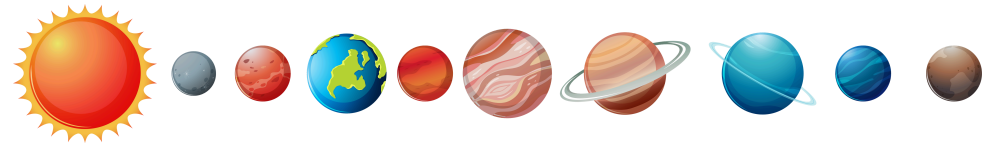
### R.E.

#### How and why is symbolism represented in different festivals?

In the first half term, pupils will learn that despair, evil, hope and goodness are represented through symbolism. They will also learn that parts of religious festivals are also symbolic, including Diwali, Hanukkah and Bandi Chhor Divas.

#### How is Roman Catholicism a branch of Christianity?

In the second half term pupils will learn about the belief system of Roman Catholicism.



### Science

#### Earth and Space

In the first half term, pupils will learn that the solar system has eight planets and that they orbit the sun. We then create our solar system models and look at the distance each planet is from the sun. They will also learn that we have day and night because of the Earth rotating on its axis and that the moon has phases as it orbits the Earth. We will then go on to look at if life could be sustained on any other planets, in particular Mars.

#### Forces

In the second half term, pupils will learn about friction, water resistance and air resistance. They will also learn that gears, pulleys and levers are simple machines. This unit of science we take a very practical approach with lots of experiment and allow the children to understand how to make an experiment a fair test with which variables to change and keep the same.

# YEAR FIVE

## Oak Class

### Art & Design

#### D.T.

In the second half term, pupils will learn how to build pulley systems and gear systems to create movement in a product. They will also learn how to create exploded diagrams and prototypes to communicate their design ideas.

### Computing

#### Spring 1: Computing systems and networks - systems and searching

In this unit, year 5 will develop their understanding of computer systems and how information is transferred between systems and devices. They will consider small-scale systems as well as large-scale systems. They explain the input, output, and process aspects of a variety of different real-world systems. They will discover how information is found on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines.

#### Spring 2: Selection in Physical Computing

Pupils will use the Crumble programming environment to learn how to use a microcontroller to connect and programme different components such as LEDs and motors. They will use this to design and make a working model of a fairground carousel.

### M.F.L

#### Spring 1: Ice-creams

In this unit pupils will learn 10 flavours of ice-cream and the language required to purchase an ice-cream. By the end of the unit pupils will have the knowledge and skills to take part in a role-play activity where they will order a cone or pot of ice-cream in the flavour(s) of their choice.

#### Spring 2: Instruments

In this unit pupils will learn 10 familiar instruments and be introduced to the 1st person singular high frequency verb 'I play' in the foreign language. By the end of the unit pupils will be able to recognise, recall, remember and spell up to 10 instruments with their definite article.

### P.E.

#### Spring 1: Gymnastics

Year 5 will be looking at different styles of jumps and rolls. Our focus will be developing skills while executing moves in a safe manner. We will also be focusing on performance and how boys and girls present differently during performances.

#### Spring 2: Dance

During Spring 2, we will be looking at dance. The focus of these lessons will be movement, sequencing and teamwork.

### Music

This term, Year 5 will be looking at rhythm, specifically the Brazilian samba. Pupils will learn about the correct vocabulary to use for notes and how many beats each note lasts. As a class, Year 5 will be composing their own Brazilian samba sound using the call and response technique.

### P.S.H.E

#### Spring 1: Dreams and Goals

Pupils will share their dreams and goals and how they might need money to help achieve them. They will consider possible jobs that they might like to do when they are older to help achieve their goals.

#### Spring 2: Healthy Me

Pupils will explore the risks associated with smoking and alcohol misuse. They will learn basic first aid and emergency procedures and how to contact the emergency services. Pupils will also explore body image pressures in the media, on social media and in celebrity culture.



# YEAR SIX

## Ash and Maple

### English

We will be reading *The Boy in the Striped Pyjamas* by John Boyne. This book is about a nine-year-old boy named Bruno, who has to leave his home in Berlin to move to an isolated house out of the country. He is extremely annoyed as he has to leave behind all his friends but one day he meets Shmuel and Bruno's life, and that of those close to him, will never be the same again...



Writing this term will involve exploring a variety of styles and genres, revisiting prior learning and ensuring we apply everything we know that makes us brilliant writers! We will be writing poetry, inspired by Charlotte Mew's *The Call* from the 19th century, exploring how to build mystery through a poem. We are also excited to take part in Shakespeare Week.

### Maths

#### Spring 1

In Spring 1, our Year 6 pupils will be looking at Ratio and Algebra and this will lead into work about statistics. They will do this by solving problems involving unequal sharing and grouping using knowledge of fractions and multiples.

#### Spring 2

In Spring 2 the focus of learning is around converting units and area, perimeter and volume. Pupils will use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit.

### Humanities

#### History

Pupils will learn about the causes of conflict and how and why World War II began. They will also learn about why the Battle of Britain was an important event and the reasons that led to a German defeat. Following on from this they will learn about the different technologies that were invented as a result of World War II and how the war affected where they live.

### R.E.

#### How might some religious practices influence our lives?

In the spring term, pupils will learn about equality, charity, harmony and peace. They will also learn that some practices for Humanism and world religions link to these ideas, including meditation, mantras, Zakah, Sewa and sacred texts.

### Science

#### Electricity

In the first half term, pupils will learn what happens to an electrical circuit when more components are added to it. They will also learn how to use scientific symbols to draw circuit diagrams.

#### Light

the second half term, pupils will learn that different objects reflect light in different ways. They will also learn that light travels in a straight line.

# YEAR SIX

## Ash and Maple

### Art & Design

#### D.T.

Pupils will learn that computers can be used by designers to perform different tasks. They will also learn how to design using a scaled drawing and to use this to communicate their design ideas for a product that includes an electrical circuit.

### Computing

#### Spring 1: Variables in Games

Pupils will learn what a variable is and how they are used in programming. They will improve existing games and code their own games in Scratch using their new knowledge of variables.

#### Spring 2: Introduction to Spreadsheets

Pupils will learn how to input data into a spreadsheet and how to format cells. They will learn how to use formulas to calculate data and how to duplicate formulas to multiple cells. They will use a spreadsheet to plan and calculate the cost of an event and then present their data using different tools.

### P.E.

#### Spring 1: Hockey and Dance

In Hockey, pupils will learn how to pass and receive the ball with control. They will also learn different attacking and defending techniques and how to be respectful of the referee's decisions. In Dance, pupils will perform different bhangra motifs to create a class performance using different formations.

#### Spring 2: Tag Rugby and Yoga

In Tag Rugby, pupils will refine their attacking techniques, including dodging, supporting the ball carrier and beating a defender. They will also learn how to play when they do not have possession of the ball. In Yoga, pupils will learn to hold various yoga poses with strong lines and control as well as learning how to link flow in movements with breathing.

### M.F.L

#### Spring one

In this unit pupils will learn 10 fruits and be introduced to the simple opinions 'I like' and 'I do not like'. By the end of the unit pupils will have the knowledge and skills to be able to say which fruits they like and do not like.

#### Spring two

In this unit pupils will learn 10 common vegetables in their plural form with their definite articles. They will learn the basic transactional language required to take part in a role-play activity based on buying different quantities of vegetables.

### Music

#### Spring 1: Rhythm

In Music, pupils have been learning about rhythms, beats and how to compose their own rhythms. They have also been learning about musical notations and how to read them and apply this knowledge to their compositions.

#### Spring 2: Singing and Performing

Pupils will learn a new song and perform this in groups. They will also look at different pop and Gospel artists.

### P.S.H.E.

#### Spring 1: Dreams and Goals

Pupils will discuss stretching themselves by setting challenging yet realistic goals, how to take steps to achieve them and stay motivated. They will work on giving others praise and compliments and reflect on their own emotions regarding various global issues.

#### Spring 2: Healthy Me

Pupils will discuss taking responsibility for their own physical and emotional health and the choices linked to this. They will explore mental health issues and different attitudes towards this. They will also learn to recognise their own triggers and feelings of being stressed as well as strategies to support them.