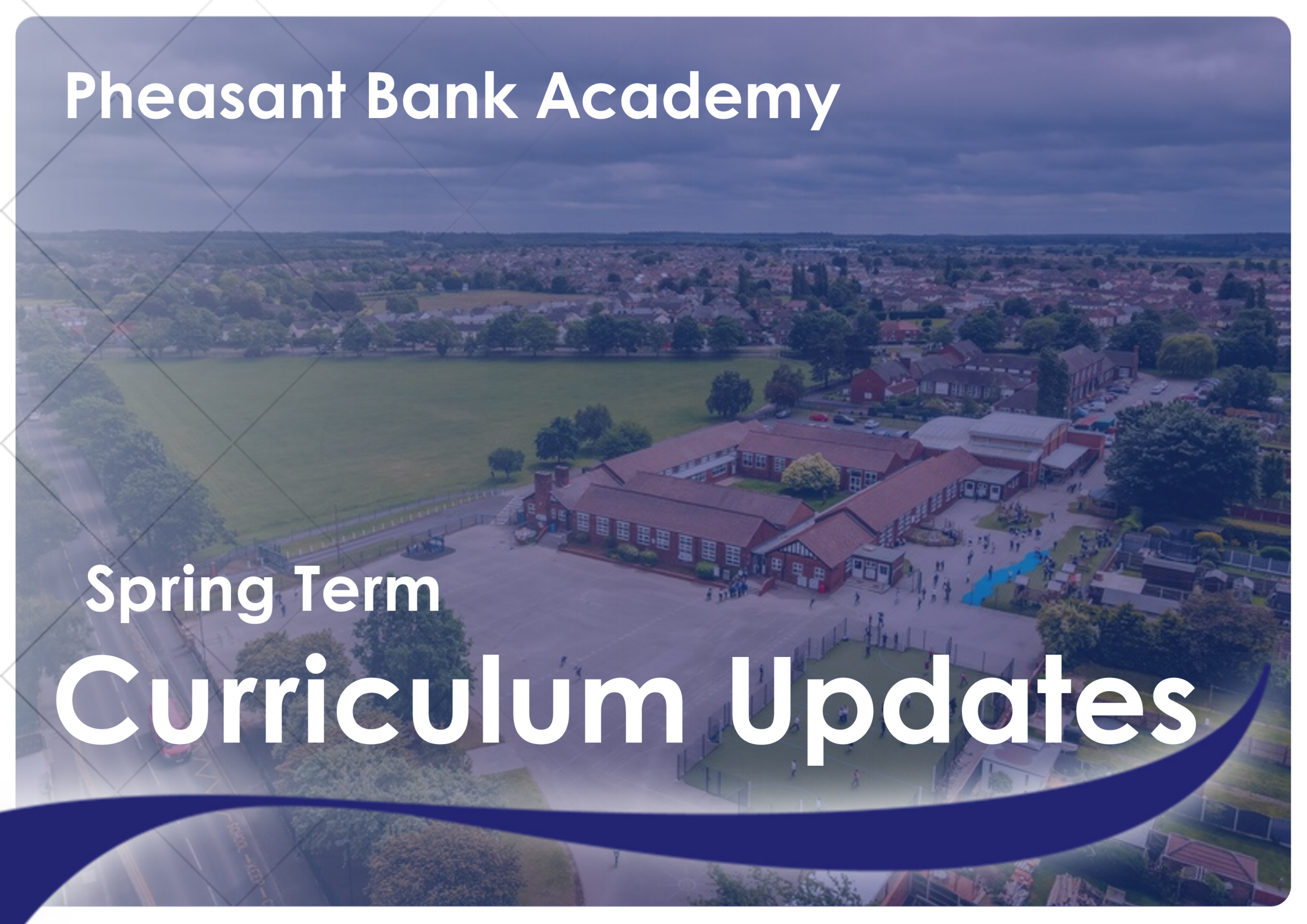


Pheasant Bank Academy

Spring Term Curriculum Updates



YEAR THREE

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 firework-making secret, Lila must bravely head off alone on a journey – a journey filled with dangers beyond anything she could have imagined...



Writing this term involves a quest story with fantastical creatures and suspenseful moments. After half term, we will be exploring how to structure an information text, and writing an information text about our own mythical beast. In addition to this, we will be writing poetry, inspired by *The Elf Singing* by William Allingham, and taking part in Shakespeare Week.

Maths

Spring 1

In the first half term the Year 3 pupils will begin to look at fractions and 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

In the second half term pupils will be working on mathematical understanding in relation to time and statistics, including telling and writing the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.

Humanities

History

In the first half term, children will be learning about the history of mining with a particular focus on coal mining in Rossington and during the Victorian era. They will learn about some of the roles children carried out and the dangerous conditions they worked in.

Geography

Continuing with the theme of mining, children will use geographical skills to understand and describe key aspects of human geography in mining communities.

R.E.

What is Hinduism?

In the first half term, pupils will learn that Hinduism is one of the world's oldest religions. They will learn that deities are worshipped and that shrines and Mandirs are used for worship.

What are special days and why are they important to people?

In the second half term, pupils will learn about the importance of Holy Week for people of the Christian faith. They will also learn why Pesach/ Passover is important to people of the Jewish faith.

Science

Light

In the first half term, pupils will learn that shadows are formed when a light source is blocked. They will also learn the difference between opaque, translucent and transparent materials.

Plants

In the second half term, pupils will learn what germinations and pollination are and that seeds can get dispersed in different ways.

YEAR THREE



Art & D.T.

D.T.

In the first half term, pupils will learn what is needed in an electrical circuit and that some products have these as a feature. They will also learn what a design flaw is.

Art

In the second half term, pupils will learn what abstract art is and how to choose colour to show emotion and mood. They will also learn how to add mirrored and rotated patterns to their printing.

Computing

Spring 1: Sequencing Sounds

In this unit, pupils will explore sequencing in programming through Scratch. They will become familiar with the environment and learn how to programme a sprite using a sequence of commands. They will combine motion, sound and event blocks to create their own programme representing a piano.

Spring 2: Branching Databases

In the unit, pupils will use yes and no questions to sort groups of objects. They will create and test a branching database using physical objects and objects on-screen.

P.E.

Spring 1: Gymnastics

Children will be focussing on Gymnastics skills which will be progress across each year group in the academy.

Spring 2: Football

Children will focus on different aspects of Football. They will develop their coordination skills and apply these in game situations.

M.F.L

Children will delve into the unit 'Les fruits'. Children will be able to name up to 10 fruits in French and spell some of these with their correct determiner (un/une/les). They will also be able to ask someone if they like a particular fruit and say what fruits they like and dislike.

Music

Spring 1: Instrument

This half term, pupils will apply their knowledge of rhythmic and melodic notation to be able to play simple melodies on the keyboard, using correct hand and musical technique. They will learn how to improve their performance on this instrument.

Spring 2: Singing and performing

Related to their learning on fishing, the children will be learning and creating their own sea shanties. To improve their own work, they will learn how to give and receive constructive feedback and start to adapt their work based on this.

P.S.H.E

Spring 1: Dreams and Goals

Pupils will explore real people who have overcome challenges and discuss what they can learn from them when facing their own learning challenges. Pupils will reflect on their own progress and success and think about what they could improve next time.

Spring 2: Healthy Me

Pupils will learn about the importance of exercise and how it helps their body to stay healthy, including their heart and lungs. They will discover facts about calories, fat and sugar and discuss how they affect their health. They will also learn about different types of drugs, the ones to make you better, as well as other drugs, and think about keeping safe.

YEAR FOUR

English

We will be reading *The Iron Man* by Ted Hughes. This book tells the story of the Iron Man. Humans must put a stop to the dreadful destruction the Iron Man creates and set a trap for him, but he cannot be kept down. Then, when a terrible monster from outer space threatens to lay waste to the planet, it is the Iron Man who finds a way to save the world.



This 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

The Year 4 pupils will begin the half term exploring the concept of fractions and and this will lead into work involving decimals. They will recognise and show fractions, using diagrams and families of common equivalent fractions.

Spring 2

The work the pupils are doing around decimals when they begin to recognise and write decimal equivalents of any number of tenths or Hundredths. They will also begin to look at Money where they will estimate, compare and calculate different measures, including money 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

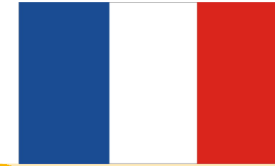
States of Matter

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 FOUR



Art & D.T.

Art

In the second half 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: Gymnastics

Children will be focussing on Gymnastics skills which will be progress across each year group in the academy.

Spring 2: Tennis

Children will focus on different aspects of Tennis. They will be focussing on their coordination skills and will apply these to game situations.

M.F.L

Children will then delve into the unit 'La Maison Tudor'. Children will be able to understand longer spoken and written French that they have not previously been taught using taught decoding skills. By the end of the unit, they will be able to recall some key Tudor facts from history in French which will support them with their learning of the Tudors in Year 6

Music

Spring 1: Singing and Performing

Building on knowledge developed in Autumn term, pupils will develop a deeper understanding of how to control their voice and body to be able to sing more accurately and start to perform while considering the features independently.

Spring 2: Rhythm and Instrument

Using their knowledge of written notation, pupils will start to learn skills to be able to play several notes accurately on the recorder, which will then develop into playing simple melodies. They will learn how to hold and blow the instrument accurately, and how to play the instrument musically.

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.

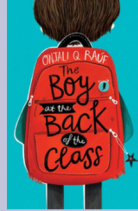
Spring 2: Healthy Me

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

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/ 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.

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.

YEAR FIVE

Art & D.T.

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: 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.

Spring 2: Flat-file Databases

Pupils will learn about paper-based and computer databases. They will learn how to search a database and how to create graphs and charts from the data to help solve problems.

M.F.L

Children will explore the unit 'Les romains'. Children will recap the key facts of the history of Ancient Rome in French which they learnt in history in Autumn term. They will be able to name the days of the week and most famous Roman inventions in French. At the end of the unit, children will write a diary of life as a rich and/or poor person in Roman times including the use of the negative form (ne... pas de/d').



P.E.

Spring 1: Gymnastics

Children will be focussing on Gymnastics skills which will be progress across each year group in the academy.

Spring 2: Athletics

Children will focus on different aspects of Athletics including track and field activities. During this time, they will develop their running, throwing and jumping skills.

Music

Singing and Performing

Building on prior knowledge, during this half term pupils will be able to make changes to their singing and performance more independently, and be able to have more accuracy in their body and vocal control.

Rhythm and instrument

Pupils will start to learn the ukulele, playing chords by holding and playing the instrument effectively and with accuracy. They will then use this to sing along to, using their singing understanding, to enhance their performance.

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

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...



In writing, children will be focussing on short burst activities with different grammatical foci. They will also be writing a 'Warning Story' where the main characters will find themselves in a difficult situation despite being warned about it...

Maths

This term, children will be focussing on finding fractions, decimals and percentages of amounts and shapes. They will also learn the equivalence between common fractions, decimals and percentages (e.g. 0.5 is the same as 50%, $\frac{3}{4}$ is the same as 0.75 and 75%)

The remainder of the term will focus on revision units, preparing children for their SATs assessments in May.

Every Monday, children will complete an arithmetic assessment to demonstrate their progress and highlight any gaps in knowledge so that teachers can teach these skills.

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



Art & D.T.

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: Gymnastics

Children will be focussing on Gymnastics skills which will be progress across each year group in the academy.

Spring 2: Cricket

Children will focus on Cricket skills, perfecting their throwing and catching skills, as well as applying these to cricket games.

M.F.L

Children will explore the unit 'La seconde guerre mondiale'. Children will be learning the key facts of WW2 in French which will further support their understanding of their history topic this term. They will say and write in French the key countries and languages involved in WW2 and will continue to build upon their skill of decoding unknown language. At the end of the unit, children will write a letter home in French, explain what life is like as an evacuee living in the countryside.

Music

Singing, instrument and performing

Throughout this term, pupils will be brought back to and deepen their knowledge of instruments that they have learned in previous years. Through this, pupils will select their preferred instruments, and use this to play alongside other children in a band-like formation, learning to play in harmony, keep in time and produce a successful performance. Within this, they will also enhance their singing and performance knowledge, to effectively sing in tune in front of others.

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.