



Key Question Week 1: Was growing an empire a piece of cake?

Key Text for Linked Learning: Complete Children’s Cookbook – DK UK

Linked Learning: DT

The first week of the year begins with a mouth-watering focus: The Victoria sponge cake. Children will learn about the invention of the Victoria sponge cake and how the growth of the British Empire during Queen Victoria’s reign impacted on the ingredients available for cooking. In small groups, children will make their own Victoria sponge cake and use their knowledge of the process to inform their writing. In English, children will read and compare instructions for different Victoria sponges, making comparisons within and across texts, identifying the intended audience, the authors’ use of language and how these choices impact the reader. When writing, children will identify the structure and formation of procedural writing and learn how to include relative pronouns, adverbs and modal verbs, in addition to the uses of colons and semi-colons.

Maths: Maths learning in Year 6 will begin by focusing on the place value of six-digit numbers. Children will write these numbers in both digits and words, place them on number lines and round them to the nearest 10, 100 and 1000.

Science: The Science topic of light begins this week. While taking part in a variety of activities that encourage them to identify the role light plays in how we see things, children will make observations and record their ideas, before communicating them with their peers.

History / Geography: Children will use atlases to identify countries in the British Empire. They will also study the royal family of that time and how European royal families can trace their lineage back to Queen Victoria.

Computing: Children will begin their Computing learning by discussing the accuracy of information found online, including fake news and balanced writing.

Music: In preparation for their Harvest assembly, children will be introduced to some of the songs that they will perform and learn the words for these, aiming to sing with fluency and expression.

Art / Design Technology: Linked learning

PDW / R.E:

PDW: In addition to creating their class charter, based on the Rights Respecting Schools Award, children will write an application to either become a house captain, senior student or classroom helper.

RE: Children will learn about the festival of Eid al-Ahda, identifying the customs involved in this celebration.

P.E: The two PE topics for the half-term will be rugby – taught by a member of Veseyan’s Rugby Club – and hockey. Hockey will see children learning how to use the correct technique to hold a hockey stick and to pass and receive the ball using a push pass. They will also demonstrate control over the ball whilst dribbling.

MFL: Children will recall general greetings and basic vocabulary taught in Years 3, 4 and 5.

Mini Quiz:



Key Question Week 2: You've committed your crime: what's your time?

Key Text for Linked Learning: The Case of John Walker (online text)

Linked Learning: History, PDW

In History, children will learn about crime and punishment during the Victorian era, using secondary sources to research the formation of the police and the role that Sir Robert Peel and Lord Shaftsbury played in influencing the judicial system. They will also learn about the punishments that criminals faced and will then use *The Case of John Walker* to further explore Victorian crime and punishment. This will inform their writing, which will be a persuasive text, outlining why John Walker should be punished for his crime. During English this week, children will plan their persuasive text, organising paragraphs according to the reasons they identify for the prosecution of John Walker. To ensure their argument is effective, children will identify how to use conjunctions for different purposes and apply these to their writing. They will also learn how to use colons to link two main clauses within a sentence. In PDW, children will recap the British values followed by all British citizens, with a particular focus on the rule of law. Children will discuss the similarities and differences between the judicial system between the two time periods - the Victorian era and the present day.

Maths: Having gained a more secure knowledge of the place value of numbers up to one million, children will apply this knowledge to solve problems involving written addition and subtraction. These problems will require children to use their estimation skills and understand the difference between estimation and 'guessing'. To finish the week, children will begin to identify those problems that will require mental calculations instead of written.

Science: Children will learn about the two types of lens – concave and convex - and explore examples of these. They will then learn the type of lens the human eye has.

History / Geography: Linked learning

Computing: Children will continue to gain confidence in being discerning about online information by identifying echo chambers and filter bubbles.

Music: In preparation for their Harvest assembly, children will be introduced to the remainder of the songs that they will perform and learn the words for these, aiming to sing with fluency and expression.

Art / Design Technology: This week, children will be introduced to the work of William Morris, his embroidery patterns in particular. Children will then recap the skill of cross-stitching, taught in previous year groups, following a simple design on a binca square.

PDW / R.E: Linked learning

P.E: Building on from last week's learning, children will improve their accuracy when passing and receiving the ball in hockey by working in small groups to move the ball around a variety of courses, while maintaining correct posture and technique. Rugby lessons provided by Veseyan's Rugby Club will continue.

MFL: Children will recall and begin to develop the French phonic sounds encountered in Year 5, pronouncing some familiar words and phrases.



Key Question Week 3: You've committed your crime: what's your time?

Key Text for Linked Learning: The Case of John Walker (online text)

Linked Learning: History, PDW

In English, children will use their plans from last week to write a persuasive argument for the prosecution of Victorian criminal John Walker. They will apply their knowledge of conjunctions to link paragraphs and will use formal vocabulary to ensure that their writing is suitable for the intended purpose – to convince a judge to prosecute the defendant. Following this, they will then choose a section of their work to edit and improve, before presenting their statements in a court of law situation. As part of their History learning, children will continue to study Victorian crime and punishment; focusing this week on the punishments given to those who lived in workhouses. To investigate the issue further, children will identify questions to ask to the owners of the workhouses, based on the ethics of the treatment of those who lived there. This links to children's PDW learning, which will focus around the consequences and the effects of exploitation. Children will learn the meaning of the term *exploitation*, before identifying examples of exploitation, both during the Victorian period and the present day.

Maths: Maths learning this week will continue to focus on identifying appropriate instances in which to use mental calculations in the context of money. Children will apply their estimation skills to solve a variety of problems involving addition and subtraction and decide on the most suitable strategy to use, depending on the problem. The learning will then move on to converting units of metric measurement, with children applying their knowledge of place value and multiplying and dividing by 10, 100 and 1000.

Science: Applying last week's knowledge of concave and convex lenses, children will be given a variety of equipment and design their own investigation into how the shape of a lens affects how objects are seen. The investigative skills focus will be on variables. Drawing on previous knowledge of fair tests, children will identify dependent and independent variables within their investigation.

History / Geography:

History: linked learning.

Geography: Children will revisit their previous knowledge of using four-figure grid referencing within map work.

Computing: Children will be introduced to the Python language of coding this week and apply this to some simple commands.

Music: To enhance the songs to be performed in the Harvest assembly, children will learn harmonies for each song and practice singing with these.

Art / Design Technology: In preparation for creating their own William Morris-inspired piece of embroidery, children will learn the back stitch and follow a simple design using this stitch.

PDW / R.E: Linked learning

P.E: This week's hockey lesson will be focused around improving dribbling skills and refining passing and controlling techniques. Rugby lessons provided by Veseyan's Rugby Club will continue.

MFL: Children will continue to develop their use of phonics sounds for pronunciation and use their knowledge of English to decode unfamiliar words by exploring a short text in French.



Key Question Week 4: Can light change the way we see the world?

Key Text for Linked Learning: Lily and the Snowman

Linked Learning: Science

The linked learning this week will be Science, as the children look in more detail at how the shape of a lens affects the reflection produced. In small groups, children will conduct the investigations that they designed last week. They will report their findings to the class, focusing on using scientific vocabulary accurately, and develop their skills of thinking scientifically by questioning their findings, hypothesising on linked ideas and identifying a follow-up investigation to investigate their results further. In English, children will explore the theme of light through the short film ‘Lily and the Snowman’. After watching the film, they will generate language to describe the setting, atmosphere and characters, with appropriate use of a thesaurus to identify and select effective synonyms. They will identify the intended audience of their writing, using this information to help them decide on their authorial tone. The children will put all of this information together to help them plan a first draft of their narrative.

Maths: Continuing with the topic of measurement, children will identify the differences between metric and imperial units of measurement and the contexts in which these are used. After discussing approximate conversions, they will make connections between regularly-used imperial units and familiar objects and contexts, before plotting these on line graphs. The week will complete by looking the unit of measurement of time: children will revise the 24-hour clock, converting from am and pm times to the 24-hour clock.

Science: See linked learning

History / Geography: History learning this week will focus around the birth of the Industrial Revolution. Using a variety of primary and secondary sources, children will analyse and explain reasons behind the Industrial Revolution and the impact it had on Britain, focusing on the population boom. In Geography, children will use six-figure grid referencing to plot locations on a map, to determine the causes of the cholera outbreak of 1854.

Computing: Children will continue to learn about Python coding, by declaring a variable and writing comments in codes.

Music: Children will continue to practise the Harvest assembly songs with harmonies. Children will also be taught how to make subtle adjustments to their part to fit in with the group performance, where necessary.

Art / Design Technology: Adding further embroidery skills to their repertoire, children will learn blanket stitch and follow a simple design using this stitch.

PDW / R.E: Children will revisit their previous learning of the religion of Judaism, including the festivals of Passover, Rosh Hashanah and Hanukkah.

P.E: Whilst continuing to develop their control of the ball, children will also improve their techniques when tackling an opponent for control of the ball. Rugby lessons provided by Veseyan’s Rugby Club will also continue.

MFL: To celebrate European Day of Languages, children will read *Les Trois Petits Cochons* and apply their knowledge of English to decode unfamiliar French language. They will then translate the story into English.



Key Question Week 5: How did Isaac Newton create a rainbow?

Key Text for Linked Learning: Science

Linked Learning: Lily and the Snowman

Continuing with the topic of light, children will work practically to find scientific evidence to support Isaac Newton's Theory of Colour. They will then use scientific vocabulary accurately to explain their findings, supporting or refuting Newton's theory, using prisms to investigate how light can be split. This week, children will continue their writing on the theme of light using Lily and the Snowman as a stimulus. In their grammar learning, children will discuss the range of sentence structures available to them by analysing a range of narrative texts, and practise a range of complex sentences, including different sentence starters and inclusion of parenthesis using commas, brackets and dashes. Children will apply this to their Lily and the Snowman narrative, self and peer-assessing to ensure they have used a wide range of sentence structures. They will then edit and improve their work to give a final published piece.

Maths: To recap their time learning from last week, children will interpret timetables represented in the 24-hour clock in order to solve problems involving calculating time durations. Following this, maths learning moves on to statistics. Children will interpret pie charts to answer questions about data presented and construct their own pie charts, before moving on to understanding how to find the mean of a set of data (and the varieties of data of which the mean can be found).

Science: See linked learning.

History / Geography: Continuing with the mini-topic of the Industrial Revolution, children will learn about the invention of the first successful steam engine: George Stephenson's Rocket. They will apply their knowledge of the historical context to understand why this occasion was interpreted in different ways – why some people welcomed the invention whilst other did not. They will also identify the significance of railways in Birmingham and how they have helped shape the city over time.

Computing: This week, children will investigate user inputs in Python code by changing input statements and observing the outcomes.

Music: This week sees the children perform their Harvest assembly, signing harmonies with fluency and expression.

Art / Design Technology: To complete the William Morris embroidery project, children will design and create their own textile inspired by the artist, using a combination of stitches taught so far this half-term.

PDW / R.E: Children will learn about the Jewish festival of Yom Kippur, including the reasons behind the celebration and the typical ways in which Jewish people celebrate.

P.E: This week in hockey, children will continue improve their tackling skills by using block-tackling whilst still continuing to retain control of the ball by passing and dribbling. Rugby lessons provided by Veseyan's Rugby Club will continue.

MFL: Children will read a short non-fiction passage to a friend focussing on using accurate pronunciation.

Key Question Week 6: Who should the dragons invest in?

Key Text for Linked Learning: The Story of Inventions - Anna Clayborn

Linked Learning: History, DT



In English this week, children will study a variety of advertisements for children’s toys. They will identify the structural choices the authors have made and discuss how the language used in each leaflet persuades children to want to buy the toy and compare the styles of the different authors, choosing the most effective organisational, presentational and vocabulary choices to include in their own leaflet. They will plan their leaflet before beginning to write the first draft this week.

As part of their History learning, children will use a variety of secondary sources to research toys popular during the Victorian period, with a particular focus on the zoetrope, to inform their DT learning. After studying the zoetrope, children will conduct research in the form of a questionnaire to needs, wants and preferences of their target audience. They will then apply the results to design the insert of the zoetrope.

Maths: Maths learning this week will focus around multiplication and division. Children will be introduced to the term *scale factors* and complete a range of problem-solving activities in the context of areas of 2D shapes. They will then apply this knowledge, along with their knowledge of multiplication and division facts to solve scaling problems using numbers in a variety of contexts including measurements and money.

Science: Following on from the previous week’s learning about the colour of light, children will investigate how optical filters affect how we see objects and record their results.

History / Geography: Linked learning

Computing: Children will continue to become confident in Python coding, by using conditional statements if, else if (elif) and else.

Music: Children will recap some of the simple rhythmic notation (quaver, semi-quaver, crochet, treble clef, semi-breve, rest and minim) taught in previous year groups.

Art / Design Technology: Linked learning

PDW / R.E: Children will continue to learn about the customs involved in the Jewish celebration of Yom Kippur.

P.E: In hockey this week, children will work in small groups to combine all of the techniques they have learnt so far, including marking opponents, to small team games. Rugby lessons provided by Veseyan’s Rugby Club will also continue.

MFL: Children will use their linguistic knowledge to explore short texts about famous inventors e.g. Charles Émile Reynaud.

Key Question Week 7: Who should the dragons invest in?

Key Text for Linked Learning: The Story of Inventions - Anna Clayborn

Linked Learning: DT, History

With a focus on using persuasive vocabulary to entice their reader and using colons and dashes to mark independent clauses, children will continue to write the first draft of their zoetrope leaflets, adopting the writing styles of the authors studied last week. Following this, children will proof-read and edit their leaflets, using self and peer-evaluation techniques before creating a final draft, applying some of the organisational and presentational devices used in the leaflets analysed last week. In DT, using the results of their consumer survey, children will create a prototype of their zoetrope, explaining their choice of materials and components based on aesthetic qualities. They will continue to test their prototype model as they build, demonstrating resourcefulness when tackling practical problems that occur in the design.



Maths: This week, Maths learning will be focused around percentages and fractions. Children will apply their knowledge of factors and multiples to compare fractions with different denominators before identifying fraction and percentage equivalents. Following this, they will identify suitable strategies to use to find percentages of amounts and fractions of given numbers. Children will then learn how to multiply two fractions together and derive rules for doing this.

Science: Children will work in teams to apply their knowledge to answer a series of questions about light in a quiz.

History / Geography: Revisiting their learning about the royal family during the Victorian era, children will study Queen Victoria and Prince Albert in further detail. They will apply their knowledge of today's society to identify the customs and traditions introduced by the monarch and her husband and how they have shaped the modern world.

Computing: Children will begin to apply everything they have learnt about Python coding into a final project by coding their own simple game.

Music: Children will recap the remainder of the simple rhythmic notation (quaver, semi-quaver, crochet, treble clef, semi-breve, rest and minim) taught in previous year groups.

Art / Design Technology: Linked learning

PDW / R.E: In PDW, children will discuss and identify different types of relationships and talk about their emotional impact.

P.E: Building on from last week's hockey lesson, children will apply the skills they have learnt throughout the topic to play a full team game, before reviewing their performances and suggesting improvements for themselves and others. Rugby lessons provided by Veseyan's Rugby Club will also continue.

MFL: Children will write a short paragraph about a French inventor using sentence starters.

Key Question Week 8: Is a picture worth a thousand words?

Key Text for Linked Learning: Stories told by William Morris and his Friends – William Morris Gallery

Linked Learning: Art

The children's learning this week will focus on Art, as the children revisit the topic of William Morris to create a press-print inspired by the typical themes and features of his designs. The children will begin by creating a mood board representing the colours, patterns and shapes typical of Morris' work. They will then explore what is meant by a counter change and half drop pattern before selecting their chosen technique and designing a pattern of their own to cut and produce their own press print. In English this week, children will focus on visual literacy using artwork including 'Beauty and the Beast' found in the William Morris Gallery. They will develop a narrative to tell the story of an artwork, generating atmospheric language, inclusion the figurative language of simile and metaphor, to set the scene for their reader. They will begin to explore the effect of integrating dialogue into their narrative to further advance their story and characters.

Maths: Continuing with the topic of fractions, children will learn how to divide fractions. They will then apply this with their knowledge of multiplying fractions to identify links between the two calculations. Maths learning will then move on to solving problems involving ratio, proportion and percentages, applying knowledge previously taught in the half term.

Science: To conclude the topic of light, children will create a guide to light showcasing the knowledge they have acquired this half-term. Children will also investigate the uses of periscopes and create their own.



History / Geography: The final History lesson of the topic will focus around the Great Exhibition of 1851.

Computing: This week, children will complete their Python project by adding the finishing touches to their games and assessing how well their games work by playing their own and each other's.

Music: Using the songs performed in their Harvest assembly, children will identify rhythmic notation represented on a stave and label the sheet music according to this notation.

Art / Design Technology: After testing their zoetrope, children will critically evaluate the product according to the quality of the manufacture and fitness for purpose, referring back to their consumer survey.

PDW / R.E: Children will continue to explore different types of relationships by identifying ways to demonstrate respect in a variety of relationships.

P.E: The final hockey lesson of the unit will allow children to demonstrate all of the skills they have learnt in a hockey tournament. The final rugby lesson provided by Veseyan's Rugby Club will also take place.

MFL: This week, children will focus on listening attentively and understanding spoken French by completing a simple listening exercise.

Key Question Week 9: What happened to Francis Brandywine?

Key Text for Linked Learning: Francis Brandywine

Linked Learning: Music

In English, children will explore the techniques that authors use to build suspense. Children will read a range of twentieth century examples of gothic novels and modern suspense extracts to evaluate how authors use language, including figurative language, to impact on the reader. They will make comments about structural choices that authors make in relation to sentence structure. In writing, children will then apply their knowledge of these devices to develop a setting description with a focus on clause structures. They will then use this in their suspense narrative next week. In Music, children will listen to and comment on how the Francis Brandywine soundtrack contributes to the atmosphere of suspense in the story. They will then listen to and compare details in a variety of musical pieces which build suspense and discuss their features and recall aurally.

Maths: This week, children will use common multiples to generate equivalent fractions, e.g. $\frac{4}{8} = \frac{1}{2}$; reduce fractions to their simplest form using common factors. They will then use their knowledge of equivalence to compare and order fractions. Children will use their knowledge of equivalence to identify simple fraction/decimal/percentage equivalents, then associate a fraction with division to help them calculate decimal fraction equivalents.

Science: Children will be conducting investigations to observe the angle of incidence when light is reflected on a shiny surface. They will also be studying how light is refracted and investigate the effects of refraction, focusing on the way refraction alters the direction of light.

History / Geography: Children will identify lines of latitude and longitude, and then use these to identify locations on a world map.

Computing: Children will be introduced to the concept of filter bubbles and how they can have both positive and negative effects on Internet users.

Music: See linked learning

Art / Design Technology: Children will recap and revise the embroidery stitches they learnt last half term.



PDW / R.E: Children will learn ways that gang culture can lead to radicalisation.

P.E: Children will be looking at the different areas of indoor athletics and evaluating the skills that they will need in order to improve their performance over time.

MFL: Children will use their existing vocabulary knowledge to adapt a passage of writing to suit the purpose of it.

Mini Quiz: This week we will be taking our first whole class spaced retrieval quiz which will cover topics learned this half term and in previous years.

Key Question Week 10: What happened to Francis Brandywine?

Key Text for Linked Learning: Francis Brandywine

Linked Learning: Music

In English, children will continue to study the visual text of Francis Brandywine, exploring her character and using evidence from across a text to confidently make inferences and secure predictions. In addition, the children will look at how to plan a suspense narrative effectively, exploring the technique of foreshadowing. Finally, they will evaluate how authors develop an effective opening, including setting, character, dialogue and action (In Medias Res) and apply these into their independent retelling of the disappearance of Francis Brandywine. In Music, children will continue their work on suspense by planning and composing their own short piece of Music to accompany their retelling of Francis Brandywine, with the intention of creating suspense and intrigue. They will learn some Italian terminology for dynamics and use this to describe their composition.

Maths: Children will continue their fraction work this week, using common multiples to generate equivalent fractions, and reducing fractions to their simplest form using common factors. Children will then use their knowledge of equivalence to compare and order fractions and to add or subtract fractions and mixed numbers.

Science: Children will be conducting investigations to observe the angle of incidence when light is reflected on a shiny surface. They will also be studying how light is refracted and investigate the effects of refraction, focusing on the way refraction alters the direction of light.

History / Geography: Children will recap their knowledge of lines of latitude and longitude to locate places on a world map.

Computing: Children will learn the meaning of the term ‘fake news’ and how to sort fake news from those news stories that are legitimate.

Music: See linked learning

Art / Design Technology: Children will research Kandinsky, practise brush strokes and create their own piece of art connect to the music of Wagner.

PDW / R.E: Children will identify ways to spot signs of radicalisation.

P.E: Children will practise dribbling skills in basketball and identify effective ways to mark an opponent.

MFL: Children will be learning about how Remembrance Day is observed in France



Key Question Week 11: Who was Carl Linnaeus?

Key Text for Linked Learning: Francis Brandywine

Linked Learning: Science

In English, the children will continue to use the story of Francis Brandywine as a model for their own writing. Following this, they will write a newspaper report about the events surrounding the mysterious disappearance of young Francis. Within this, they will focus on writing bias within newspaper reports and how they can include facts and opinions to add weight to their arguments. In Science, children will identify similarities and differences between living things in order to determine their classification. They will then use classification keys to sort living things according to their observable characteristics, developing and testing out their classification keys, identifying potential flaws.

Maths: This week children will compare and classify geometric shapes based on their properties and classify & name types of triangle & angle (acute, obtuse, reflex). They will then move on to identify, illustrate and name parts of circles, including diameter, circumference & radius, understanding that the radius is half the diameter. Children will identify positions on the full co-ordinate grid, draw and translate simple shapes and reflect them in the x-axis or y-axis. Throughout this learning they will begin to reason mathematically making simple generalisations, using mathematical language & making connections between mathematical ideas.

Science: See linked learning

History / Geography: The children will use a range of atlases and geographical information systems to identify significant lines of latitude and longitude, linking these with the distribution of biomes and climate zones.

Computing: Children will complete a practical investigation, by 'fact checking' an internet news article to deduce if it is accurate or 'fake news'.

Music: Children will recognise and read melodic notation.

Art / Design Technology: The children will research and design a Christmas embroidery pattern.

PDW / R.E: Children will learn about the different types of trafficking and understand their effects.

P.E: The children will be looking at the correct throwing technique and practise throwing as far as possible. We will also be able to evaluate our own as well as a partner's technique and suggest appropriate improvements.

MFL: Children will be learning new phonemes in French and recapping clothing through a rhyming verse,

Key Question Week 12:

Key Text for Linked Learning:

Linked Learning: Science

In English, we will be planning and writing a non-chronological scientific report about an animal of their choice, relating back to the classification work of Carl Linnaeus. We will maintain a formal tone throughout our piece of writing and use a range of presentational devices including bullet points. In addition, we will apply our understanding of formal conjunctions to develop cohesion within and across paragraphs. In Science, children will observe, research and record features of a range of leaves found in the school grounds and will then design a key that can be used to classify leaves found in their local environment. They will also describe the key characteristics of unusual living



things from around the world and use descriptions of features, in addition to online research, to attempt to classify unusual living things.

Maths: This week, children will draw 2-D shapes, using given dimensions and angles and using the terms parallel and perpendicular. They will find unknown angles in triangles, quadrilaterals & regular polygons, also find missing angles at a point, vertically opposite or on a straight line. The children will move on to recognise, describe and build 3-D simple shapes, including making nets.

Science: See linked learning

History / Geography: The children will deepen their learning of how biomes are intrinsically linked to climate zones and demonstrate an understanding of how these two related variables are influenced by position in relation to lines of latitude and longitude.

Computing: Children will identify what hate speech is, how it is demonstrated on the Internet and why it is used.

Music: Practising for Christingle service, children will identify their role in the performance – leading or supporting.

Art / Design Technology: Children will apply their embroidery skills to creating their own Christmas decoration.

PDW / R.E: Children will continue to focus on exploitation and the signs that demonstrate somebody is being exploited. Children will identify how to report this appropriately and the adults that will support them in doing this.

P.E: The children will be looking at the correct shot putt technique and practise throwing as far as possible.

MFL: Children will learn about school uniform in France and give opinions on clothing.

Key Question Week 13: Can we express ourselves like Wassily Kandinsky?

Key Text for Linked Learning: The biography of Wassily Kandinsky

Linked Learning: Art, PDW

In English, children will be exploring biographies and identifying presentational and language features associated with the genre. In reading, they will learning how to summarise key information using selected words and phrases and will develop our retrieval and deduction skills by studying a biography. Grammar lessons will focus around how to use a variety of tenses and the suitability these have to different styles of writing. They will apply their knowledge to write a biography about Wassily Kandinsky, the expressionist artist. In Art, children will study the works of Kandinsky and explore the stylistic techniques of the Expressionist movement, relating it to their previous study of Impressionism. They will use sketch books to record observations of shape and pattern used by Kandinsky and how this portrays different emotions in abstract form. In PDW, children will discuss the theme of isolation and loneliness, how this may impact on people, and relate it back to their Art learning by creating expressionist artworks representational of loneliness.

Maths: Children will revisit place value this week, locating numbers up to 10 million on a landmarked line and using this to compare and order numbers. They will use place value to round to ten, a hundred, a thousand, ten thousand, one hundred thousand or a million. Children will apply their number knowledge to solve number and practical problems involving place value, rounding and negative numbers and use negative numbers in context, calculating intervals across zero.



Science: Children will be recapping and applying their previous knowledge to classify living things, focusing on characteristics including vertebrates and invertebrates.

History / Geography: The children will begin to use computer aided models from Nasa to hypothesise how climate is likely to change in the next century and the impact that this may have on the distribution of biomes and species.

Computing: Following on from the previous lesson, children identify appropriate ways to respond to hate speech online.

Music: During our Christingle service, children will sing in harmony groups.

Art / Design Technology: See linked learning

PDW / R.E: See linked learning

P.E: The children will be able to understand and demonstrate the correct high jump technique and evaluate our own as well as a partner's technique and suggest improvements.

MFL: Children will recap family members and learn how to speak more fully about them.

Key Question Week 14: What will the climate be like in 2100?

Key Text for Linked Learning: Non-fiction texts based on renewable energy

Linked Learning: Geography

In English, we will be re-visiting the persuasive genre and refining our use of persuasive techniques. We will explore a range of persuasive articles about how climate has impacted on different animal species and will evaluate how authors use emotive language to impact on the reader. Throughout the week, we will practice and consolidate using a range of persuasive devices including rhetorical questions, the rule of three, repetition and statistics. In grammar, we will be looking at the use of pronouns and how writers use these effectively in their writing. In Geography, The children will begin to explore spatial and temporal aspects of geographic information related to sustainable energy. We will use a geographical information system (GIS) to analyse the landscape and evaluate the feasibility for the construction of a wind farm at a given location.

Maths: This week, children will continue to solve number and practical problems involving place value, rounding and negative numbers. They will consolidate adding and subtracting mentally with confidence, using numbers under 100 or when they can apply place value to these calculations. Children will begin to solve addition and subtraction multi-step problems in context, deciding which operations to use and why. They will perform mental calculations, including with mixed operations and carry out calculations using knowledge of the order of operations & brackets.

Science: Children will complete a practical investigation this week, using direct observation to classify living things.

History / Geography: Linked learning

Computing: Children will combine their learning from the previous five weeks to identify the effect that 'us vs them' thinking often portrayed on the Internet can create divisions in society and the problems it causes.

Music: Children will work in groups to plan and compose suitable music to accompany a gothic horror film.

Art / Design Technology: The children will construct their hanging ornament.

PDW / R.E: In R.E. this week, children will ways in which people from different religions celebrate New Year, with a particular focus on the Jewish festival of Rosh Hashanah



P.E: The children will know the correct standing long jump technique and practise jumping as far as possible.

MFL: Children will learn new phonemes, recap the verb être and learn occupations

Key Question Week 15: What will energy look like in the future?

Key Text for Linked Learning: Transcripts of UN speeches by Greta Thunberg and Jason Momoa

Linked Learning: Geography

In English, children will continue their persuasive writing about climate change, in order to publish their final piece. The children will focus this week on modal verbs to describe possibility and certainty in the future of our generation's impact on the Earth's climate. Children will listen to and evaluate speeches by Greta Thunberg and Jason Momoa and use their findings to evaluate the efficacy of their own persuasive writing, editing and improving to heighten the impact of their writing. In Geography, the children will continue their study of mapping by considering topographic layers, their relationship with one another as well as the human aspect of geographical enquiries. They will complete their proposal for the siting of a wind farm, present these to the class and debate to choose the final location.

Maths: The final week of maths of the term will focus around reasoning, with children applying the knowledge of place value, addition and subtraction and fractions, decimals and percentages to reasoning and problem solving tasks. Children will also recap their learning of the whole term with a maths quiz.

Science: Children will complete their classification topic by creating their very own classification system, applying the skills and knowledge they have learnt this term.

History / Geography: Linked learning

Computing: To complete the topic of digital literacy, children will analyse ways the Internet can be used positively.

Music: To complete their music topic, children will perform their theme tune to a gothic horror film.

Art / Design Technology: The children will design and make their own Christmas cards and calendars.

PDW / R.E: With New Year celebrations still a focus, children will learn about the Jewish festival on Yom Kippur and typical customs involved in this.

P.E: The children will develop our understanding of the correct sprinting technique and practise running as fast as possible using a 'hip to lip' technique and high knees.

MFL: Pupils will discuss occupations within their family and use a bilingual dictionary.