



Key Question Week 1: A river is born but how has it changed?

Key Text for Linked Learning: Ugly Bugs

Linked Learning: English, Science, Geography, Art, DT and PDW.

The first week back after the Easter holiday children will continue their learning about animals and their habitats. Linking to their learning in Science, children will be reading a range of non-chronological texts about plants and animals. They will analyse writing styles and techniques to deliver information concisely and engagingly. Children will use the question 'How has our local environment changed?' to guide their learning and discussions. They will consider aspects of their school grounds that have changed and have a class debate about a hypothetical scenario that would bring about environmental change. Alongside this, in geography, children will learn about how a river is formed. They will follow the journey of a river and draw a sketch map of a river and the features found along the way. In PDW, to help develop their conscientious attitude towards the natural world, children will understand ways to protect animals and their habitats. Children will be linking their learning about animals to their art and DT work this week. In DT, children will research how to create their own animal habitats for local wildlife and in art, children will practise skills to sketch real-world objects, insects, plants and animals.

Maths: This week, children will: Use place value to add/ subtract to/from four-digit numbers, place four-digit numbers between neighbouring multiples of 100, round four-digit numbers to the nearest 10 and 100, place four-digit numbers on landmarked lines (marked in 1000s), round four-digit numbers to the nearest 1000, count in steps of 25 and 1000 from numbers other than 0 and write numbers to 100 using Roman numerals. Also, children will review Multiplications ready for next week.

Science: See above.

History: The Founding of Rome: Children will learn the legend of the founding of Rome and create a drama to portray the narrative and the main characters.

Geography: See above

Computing: Using Lego WEDO, children will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems.

Music: Children will listen to and describe features of the instruments of a traditional orchestra. Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: See above.

Design Technology: See above.

PDW / R.E: See above.

P.E: This week in PE, children will begin tennis lessons, which will last for four weeks. The lessons will be led by an outside sports agency. Squirrels will continue their swimming lessons this week.

MFL: This week, children will be extending their French knowledge by recognising word classes including nouns, verbs and adjectives. They will also become familiar with using French dictionaries and sorting words into alphabetical order.

Mini Quiz: Children will complete a quiz about their learning so far.

Key Question Week 2: Will environmental change make animals strange?

Key Text for Linked Learning: Ugly Bugs

Linked Learning: Science, English, DT, Art and Computing

The children's science topic will continue this week, where they will further discuss changes to the environment, by considering the difference between natural and man-made changes. Additionally, how living things have had to adapt to these changes. Their science learning will continue to guide their writing. They will combine the facts they have learned about different creatures with their knowledge of non-chronological reports to write their very own this week, including a range of skills such as paragraphs based around a theme, technical vocabulary, subordinating conjunctions, and apostrophes for plural possession. Linking to their learning, in Computing, Using Lego WEDO, children will continue to design, write and debug programs that control a robotic animal. Furthermore in DT this week, children will design their own animal habitats for local wildlife. In art, children will continue to practise skills to sketch real-world objects, insects, plants and animals.



Maths: This week, children will: Use compact decomposition to subtract pairs of 3-digit numbers, use expanded decomposition to subtract pairs of 4-digit numbers, needing one move, say what each digit represents in a 3 or 4-digit number, use this knowledge to order 4-digit numbers, use compact decomposition to subtract 3 and 4-digit numbers from 4-digit numbers and use counting up to find the difference between near 4-digit numbers or where the first number has 2 or more zeroes. Multiplication Checks will begin to take place this week.

Science: See above.

History: The Roman Ruling System: Children will begin to understand how the Roman empire over time had three ruling systems: Kings, Republic and Empire and debate the merits and downsides of each one.

Geography: A River's Journey: Children will understand the stages of a river's journey. They will learn about and develop their river vocabulary and make an illustrated river words glossary.

Computing: See above.

Music: Children will continue to listen to, and describe features of, the instruments of a traditional orchestra. Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: See above.

Design Technology: See above.

PDW / R.E: Children will understand that mental wellbeing is just as important as physical wellbeing.

P.E: Children's tennis lessons continue this week, children will be looking at core skills including balance, coordination, and performing a controlled return of the ball.

MFL: Children's French learning this week will involve learning and participating in a traditional French song. They will accompany this learning by following a text and using familiar vocabulary to identify the meaning of the lyrics.

Key Question Week 3: Are false friends better than open enemies?

Key Text for Linked Learning: The Hedgehog Without Friends

Linked Learning: PDW and English

Learning this week will focus around PDW. Through the visual text *The Hedgehog Without Friends*, children will identify the positive and negative behaviours displayed by the characters and identify positive and negative behaviours around the school. To do this, children will empathise with characters to understand the story from a range of perspectives and ways to self-regulate these behaviours. Children will also act as mediators in the situation and give constructive feedback to the characters. Children will empathise with characters to understand the reasons for their actions before writing letters between them. Children's English learning this week will also be led by *The Hedgehog Without Friends* which will lead into our poetry topic next week.

Maths: This week, children will: Use compact decomposition to subtract any pair of 4-digit numbers, use compact addition to add any pair of four-digit numbers, add and subtract near multiples of 10, 100 and 1000 to/from three and four-digit numbers, choose written or mental methods for addition and subtraction and solve word problems needing addition or subtraction.

Science: What is climate change? Children will conduct an experiment to investigate how the greenhouse effect works. Then, use the results to discuss how people are causing climate change.

History: The Expansion of the Roman Empire: Children will identify Rome and Italy on maps of Europe and then identify the areas and countries which became part of the Roman Empire.

Geography: Erosion and Deposition: Children will describe and understand key aspects of physical geography, including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle in the context of features of rivers.

Computing: Using Lego WEDO, children will use sequence, selection, and repetition in programs.

Music: Children will listen to and describe features heard in impressionist music (thick orchestration, atmospheric, pictures). Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: Children will continue to practise skills to sketch real-world objects, insects, plants and animals.

Design Technology: Children will recap their understanding of linkages and levers.



PDW / R.E: See above.

P.E: Children will continue practising tennis by learning how to perform a forehand shot accurately.

MFL: In French this week, children will be recapping their knowledge of French word classes, in particular, verbs. Children will learn and be able to say the names of a range of hobbies this week.

Key Question Week 4: What goes around comes around?

Key Text for Linked Learning: The Hedgehog Without Friends

Subject Focus: PDW, English and Computing

This week, children will be continuing their learning about friendships through the visual text 'The Hedgehog Without Friends'. Children will explore a range of poems and analyse their features. From this, they will begin to create rhyming structures to create two unique poems about friendship and kindness. This will link to our learning in PDW, in which children will explore how their online behaviour affects others. Also, in computing, children will identify strategies and ways to respond to harmful behaviour online and offline. Alongside this, children will explore how they can resolve differences, make compromises and find alternatives.

Maths: This week, children will: find the area of rectilinear shapes by counting squares, find the perimeter of rectilinear shapes in centimetres by counting, calculate the perimeter in centimetres and metres of rectangles, generalise how this is done, realise that shapes with the same area do not necessarily have the same perimeter, find that 'squarer' rectangles have smaller perimeters than longer, thinner rectangles with the same area and use co-ordinates in the first quadrant and join points to draw polygons.

Science: What are some of the impacts on living things if an environment changes? Children will become an expert on one reason for environmental change. They will then create an information poster about what they have learned and what people can do to help.

History: The rise of the Roman Empire: Children will understand some of the reasons behind the Romans' success in invading Britain and create Roman shields to use in role-play.

Geography: Estuaries and Deltas: Children will understand what happens when a river reaches the coast.

Computing: Using Lego Wedo, children will use logical reasoning to explain how simple algorithms work and to detect and correct errors in algorithms and programs.

Music: Children will continue to listen to, and describe features heard in, impressionist music (thick orchestration, atmospheric, pictures). Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: Children will continue to practise skills to sketch real-world objects, insects, plants and animals.

Design Technology: Children will recap their understanding of wheels and axles.

PDW / R.E: See above.

P.E: This week will see children's final tennis lesson, during which they will consolidate their learning from the previous three weeks.

MFL: Children will use their French phonetic knowledge to spell some core language words correctly.

Key Question Week 5: Why is hate a strong word?

Key Text for Linked Learning: Spellbound

Linked Learning: PDW, English and RE.

This week, children will continue exploring positive ways to address and deal with their emotions. They will understand how negative behaviours can lead to unhealthy relationships and how these impact themselves and their peers. In English, the children will continue their work on empathising with characters and making predictions on how different scenarios can change the outcomes of events. They will use a range of writing styles and techniques to learn about how to give positive constructive feedback to their peers and supporting in moderating disputes. Children will reflect critically on their own writing, and how subtle changes can affect the tone and impact on the reader. In PDW, children will identify ways to support their friends and peers throughout a range of challenging circumstances. This week sees millions



of Muslims around the world celebrating Eid-ul-Fitr at the end of Ramadan. Children will recap what Ramadan requires Muslims to do, before learning about the reasons why Eid-ul-Fitr is celebrated and traditional customs around the world during this religious festival.

Maths: This week, children will: Place numbers with one decimal place on empty number lines, divide by 10 and 100 to give tenths and hundredths and multiply to give tenths and wholes, understand the effect of multiplying and dividing by 10 and by 100, say what each digit represents in a number with 2 decimal places, divide by 10 and 100 to give tenths and hundredths, and multiply to give tenths and wholes, understand the effect of multiplying and dividing by 10 and by 100, find equivalent $\frac{1}{100}$ s and 0.01s, $\frac{1}{10}$ s and 0.1s and write place value subtraction for numbers with 2 decimal places.

Science: Can we make a positive impact on a local environment? Children will use their knowledge of environments, habitats and food chains to redesign a designated area to change it for the better.

History: Legions of Legionaries: Children will learn about life as a Roman Legionary and create an information leaflet.

Geography: Great Rivers of the World: Children will learn about the ten major world rivers and the continents through which they flow.

Computing: Using Spheros, children will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems.

Music: Children will recap simple rhythmic notation (e.g. quaver, semi-quaver, crochet, treble clef, semi-breve, rest and minim). Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: Children will revisit and explore the 'Pop Art' movement through the work of David Hockney and Pauline Boty.

Design Technology: Children will use a herringbone stitch to create a decorative pattern.

PDW / R.E: See above.

P.E: The children will move onto a new P.E. topic, athletics. This week, the focus will be on using correct sprinting techniques, by watching videos of sprinters and imitating their styles. After watching a partner, children will evaluate techniques used and suggest improvements.

MFL: Children will practise their conversation skills by asking someone to repeat something or explain it.

Key Question Week 6: Fight or flee?

Key Text for Linked Learning: Boudicca!

Linked Learning: History, English and DT

This week children will focus on their Roman topic. Over the past five weeks, children have been learning about different aspects of the Roman. This week, children will learn about who Boudicca and the Iceni were. Children will think about what life was like in a Celtic tribe when the Romans were in Britain. They will also look at the three Roman invasions and, finally, how they came to power in Britain. Linking to their learning about the Romans, children will be looking at the features of a newspaper report. Imagining what it would have been like to hear the news about the Roman invasion of Britain. In DT, children will begin to learn about different types of joints - butt and mitre – so that they can begin to design their Roman onagers.

Maths: This week, children will: Compare and order numbers with 2 decimal places, place numbers with 2 decimal places on landmarked lines (marked in 0.1s), add/subtract 0.1/0.01 to/from numbers with 2 decimal places; count on and back in tenths and hundredths, add/subtract multiples of 0.1/0.01 and solve simple measure problems using place value in lengths in metres with 2 decimal places.

Science: Let's make a positive change! Children will put their plans to redesign a particular area into action and use this task to reflect on the types of actions they could take at home to improve the environment.

History: see above

Geography: Fresh Water River, Saltwater Sea: Children will recap their learning about the concept of the water cycle including evaporation and condensation using salt and water.

Computing: Using Spheros, children will use sequence, selection, and repetition in programs.



Music: Children will recap simple rhythmic notation (e.g. quaver, semi-quaver, crochet, treble clef, semi-breve, rest and minim). Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: Children will continue to revisit and explore the 'Pop Art' movement through the work of David Hockney and Pauline Boty.

Design Technology: See above.

PDW / R.E: Children will describe ways to deal positively with experiences and situations of loss, separation and death.

P.E: Children will continue with sprinting this week and apply it to a relay race situation. Working with team-mates, children will practise using the correct technique to hand over a relay baton whilst keeping a consistent pace of running.

MFL: In French this week, children will learn the vocabulary to name a variety of items of clothing.

Mini Quiz: Children will complete a quiz about their learning so far.

Key Question Week 7: How did the Romans have fun?

Key Text for Linked Learning: You wouldn't Want to be a Roman Gladiator!

Linked Learning: History, English and DT

Continuing from our learning last week, children will further learn about the Roman invasions and people, considering how they lived and why they wanted to settle in Britain. They will also learn about the events leading up to Boudicca's rebellion and use a simple script to create a short drama depicting these events. In English, Children will begin to write their newspaper reports of the events that surrounded The Romans' invasion of England. They will consolidate their learning throughout Year 4, including the use of direct and reported speech, adverbials and embedded clauses. In DT, children will use exploded diagrams to design their Roman Onagers.

Maths: This week, children will: Find factors of numbers less than 50, multiply 3 numbers together, use commutativity to make easier, e.g. $2 \times 6 \times 5 = 10 \times 6$, use knowledge of times tables and place value to divide multiples of 10, e.g. $350 \div 7$, solve scaling problems, convert from centimetres to metres and use listing systematically to solve correspondence problems.

Science: Children will begin a new science topic all about sound. To introduce this, they will go on a 'sound walk' through the school and begin to think about how sound is made.

History: see above

Geography: River Crossings: Children will learn about how people cross over rivers and about different bridge designs; test bridge strength and begin to understand how forces act on bridges.

Computing: Children will review their learning about computer networks, including the internet.

Music: Children will recap simple rhythmic notation (e.g. quaver, semi-quaver, crochet, treble clef, semi-breve, rest and minim). Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: Children will compare a range of Pop Art artists, describing similarities and differences between different practices and disciplines.

Design Technology: See above.

PDW / R.E: In PDW, the children will be learning the scientific names for the body parts used in reproduction.

P.E: This week, children will apply the sprinting techniques they have learnt to hurdle. Children will learn the correct technique to use to move over the hurdles and practise doing this whilst sprinting using effective techniques in-between. After videoing themselves, children will suggest ways to improve their hurdling.

MFL: In French this week, children will recap their learning from before half term by discussing a range of hobbies and learning how to give their opinions of these, using the terms 'I like', 'I don't like' and 'I love'.

Key Question Week 8: For freedom or for Rome?

Key Text for Linked Learning: Battle Speeches



Linked Learning: History, DT and English.

This week, linking to their learning about the Romans, children will review what makes a good persuasive text. In preparation for next week, they will explore speeches made by soldiers, centurions and warriors during war. They will then get a to practice to the class, acting as Boudicca. Using the title 'Boudicca's Rallying Cry', children will learn more about the events leading to Boudicca's rebellion and perform a rallying speech to be given by Boudicca to the Celts. After being given a design brief, children will create a small-scale model of a catapult that could have been used by Roman soldiers. They will begin to create butt and mitre joints using wooden doweling and using saws.

Maths: This week, children will: Complete symmetrical shapes and patterns with respect to a vertical, horizontal or diagonal line of symmetry, recognise acute and obtuse angles, compare angles, recognise different types of triangle, recognise acute, obtuse and right angles, recognise acute, obtuse and right angles, find what numbers of each sort of angles are possible in quadrilaterals and use a Venn diagram to sort quadrilaterals according to different properties.

Science: Children will explore sound further and investigate vibrations and how sound travels.

History: See above.

Geography: River Crossings: Children will continue to learn about how people cross over rivers and about different bridge designs; test bridge strength and begin to understand how forces act on bridges.

Computing: Children will learn to understand the impact of positive and negative content online on my own and others' mental and physical wellbeing.

Music: Children will be learning and practising the Haka: A ceremonial dance or challenge in Māori culture. Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: Children will revisit the work of Monet (Impressionism) and recreate a piece of art using similar techniques.

Design Technology: See above.

PDW / R.E: As part of PDW, children will be learning about how to stay safe and their right not to be harmed.

P.E: The final athletics session of the topic will focus on jumping. Children will watch videos of professional athletes completing long jumps and identify how to best move their bodies so that children can travel the furthest. Children will then imitate these techniques to complete their own long jumps, which children will measure.

MFL: Children will recap their learning about days and months in French.

Key Question Week 9: How did the Romans become the best at battling?

Key Text for Linked Learning: Battle speeches

Linked Learning: English, History, Design and Technology

Continuing with their Roman topic, children will use their designs to continue to build their Roman onagers ensuring they have created joints that can withstand the force of the catapult firing. In English, children will be acting as a Centurion. They will be writing their battle speeches to inspire their troops. They will use a range of persuasive devices and emotional rhetoric to make their speeches as effective as possible. After they have refined their work, to end our Roman topic, they will deliver their speeches to the rest of the class. In history, children will learn how Boudicca's rebellion ended and create a portrait of Boudicca showing her character as a warrior and a proud leader of her tribe's people.

Maths: This week, children will: Convert analogue times to digital times, both 12-hour and 24-hour formats; find time intervals using 24-hour clock crossing the hour; read, interpret and describe a time graph; draw, read, interpret and describe a time graph and convert between units of time.

Science: Children will investigate pitch and volume by exploring instruments and the different sounds they make.

History: See above

Geography: Rivers for Life: Children will investigate the importance of the Nile to life in Egypt.

Computing: Children will learn to understand the benefits of rationing time spent online for my own mental and physical wellbeing.



Music: Children will be learning and practising the Haka: A ceremonial dance or challenge in Māori culture. Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: Children will continue their work on Monet (Impressionism).

Design Technology: See above.

PDW / R.E: In PDW, the children will learn to identify inappropriate sexual behaviour and their rights and legal consequences.

P.E: This week will see the beginning of our cricket P.E. topic. During lessons this week, children will explore the skills associated with fielding – catching, throwing, rolling and retrieving balls. Children will then extend this knowledge to practise correct techniques of underarm bowling and apply this to a game-like situation.

MFL: Children will learn to talk about the weather in French.

Key Question Week 10: Does sound travel in space?

Key Text for Linked Learning: The Way Things Work

Linked Learning: English, Science and PDW

This week, children will be exploring the science of sound. By looking at volume and pitch through a range of experiments and investigations, children will learn about how sounds travel through different mediums and how they are created. They will understand how we hear sounds and begin to consider ways to reduce what we can hear. In English this week, children will explore ways to present information using technical diagrams and illustrations. The last two days of this week also see our adventure of camping on the field. During this, children will collaborate with those in their team to not only put up and take down tents but also take part in a variety of team games. This will link to their PDW work where children will describe how they contribute positively to the school.

Maths: This week, children will: Identify equivalent fractions with denominators up to 12; recognise decimal equivalents for tenths, halves, quarters and fifths; find non-unit fractions of amounts; solve fraction word problems; divide two-digit numbers by single-digit numbers, answers less than 30 (without remainders) and divide two-digit numbers by single-digit numbers, answers less than 30 (with remainders).

Science: See above.

History: Roman Architecture: Children study the types and architecture of Roman buildings, including the use of columns, pediments, colonnades, etc. They will make a model Roman building.

Geography: Settlements along Rivers: Children will review the importance of rivers and rainfall in the growing of crops, and investigate the relationship between rivers and settlements in Britain.

Computing: Children will understand the need to be a discerning consumer of information online including an understanding that information, including that from search engines, is ranked, selected and targeted.

Music: Children will be learning and practising the Haka: A ceremonial dance or challenge in Māori culture. Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: Children will design, plan, evaluate, and adapt their work to reflect their view of its purpose and meaning. Preparing to create a piece of work over a longer period.

Design Technology: Children will continue creating their onagers.

PDW / R.E: See above

P.E: The cricket topic will continue this week and children will understand how to correctly hold a cricket bat and hold the correct stance when doing so. Once children have mastered this, they will apply this skill to our fielding skills in games.

MFL: Children will write sentences using the Year 4 core language with increasingly accurate spelling.

Key Question Week 11: What do hands, the sea and a guitar have in common?

Key Text for Linked Learning: The Way Things Work

Linked Learning: Science, English, Art, PDW



Children will be continuing their learning on sound this week. Children will apply their scientific knowledge gained from last week to create lines of enquiry and hypotheses to make predictions about an experiment. Following this, they will carry out and evaluate an investigation into the science of sounds. They will choose how to present their results and examine them carefully to identify any patterns in the results. Their work in English and art will consist of creating an information poster about sound. Children will use their English skills which they have learned from across Year 4 to complete this. Linking to their art learning, children will start their piece of work to be created over a longer period. In PDW, children will talk about a range of jobs and explain how they will help develop skills to work in the future.

Maths: This week, children will: Use the ladder method to multiply 3-digit numbers by single-digit numbers; use the ladder method to multiply 3-digit numbers by single-digit numbers, estimating answers first; solve word problems requiring multiplication or division; choose mental or written method to solve a range of calculations, all four operations and choose which operations(s) are necessary to solve word problems.

Science: See above.

History: Roman Roads: Children will learn how Roman roads were made and where they were built. They will place Roman towns and cities on a map of Britain

Geography: Rivers for Transport, Industry and Leisure: Children will learn about how we use rivers for transport, industry and leisure.

Computing: Children will learn about online risks, including that any material someone provides to another has the potential to be shared online.

Music: Children will be learning and practising the Haka: A ceremonial dance or challenge in Māori culture. Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.

Art: See above

Design Technology: Children test their Roman onagers and modify them to test different designs.

PDW / R.E: See above.

P.E: During the final cricket lessons, children will apply all the fielding and batting skills children have learnt to play games of Kwik Cricket, during which children will also identify and use tactics with our team against their opponents.

MFL: Children will write a short paragraph, in French, using a model.

Key Question Week 12: Do you need to be sad to be happy?

Key Text for Linked Learning: The Red Tree

Linked Learning: PDW and English

This week celebrates the final week in Year 4. Throughout the week, children will be exploring the book The Red Tree. Looking at a range of complex emotions felt by a small child. How in a time of hopelessness, the small child follows her curiosity, leading her to a new found hope and renewed inspiration in the world. Children will explore, through reading, writing a role play, a range of questions and issues the child faces. Ultimately, addressing our ability as humans to feel, and discuss a wide and complex range of emotions that help make us who we are. This will link to their PDW learning where children will talk about the kinds of changes their family or friends have experienced.

Maths: This week, children will consolidate their learning from Year 4.

Science: Children will present their ear defenders design and explain their findings.

History: What did the Romans ever do for us? Children will discuss what a legacy is and explore the different aspects of the Roman legacy. They will trace the Latin roots of words we use in English.

Geography: River Power: children will learn about different types of waterpower including hydroelectric power stations and investigate traditional waterwheels.

Computing: Children will review their learning from Year 4.

Music: Children will be learning and practising the Haka: A ceremonial dance or challenge in Māori culture. Alongside this, children will continue to have their weekly clarinet or tenor horn lesson.



Art: Children will finish and reflect on their piece of work.

Design Technology: Children will reflect on the creation of their Roman onagers and write a summary of their design process.

PDW / R.E: See above

P.E: During the final cricket lessons, children will apply all the fielding and batting skills children have learnt to play games of Kwik Cricket, during which children will also identify and use tactics with our team against their opponents

MFL: Children will revise all the phonemes and learning throughout Year 4.