

St Andrew's CE Primary, Headington Year 4 Long Term Planning Overview

Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
Romans in Britain	Mountains & Volcanoes	Victorians – local history	My town	Water	Electricity

Aut 1	Maths	English	Science	Humanities	Art/DT	Music	PE	RE	Computing	PSHE	MFL
Romans in Britian	White Rose	Writing Stimulus The Boy at the Back of the Class Written Outcomes Postcard Scripted News Report Critique Poster School Policy Free Verse Poster Poster Poster Poster Poster Poster Poster Poster Parsuasive Poster Pamphlet Fact Cards Research Notes	Sound • identify how sounds are made, associating some of them with something vibrating • ecognise that vibrations from sounds travel through a medium to the ear • find patterns between the pitch of a sound and produced it • find patterns between the volume of a sound and the strength of the vibrations that • orcognise that sounds get fainter as the distance from the sound source increases.	Roman Britain •Why did Julius Caesar come to Britain? • Should the Celts take on the Romans? • What image do we have of Boudica today? • How were the Romans able to keep control over such a vast empire? • What were Roman villas like? • How can we solve the mystery of why this great 400- year empire suddenly came to an end? • What have the Romans ever done for us?	Art focus: Roman Mosaics Can they use paper mosaic? Can they use ceramic mosaic to produce a piece of art? Can they combine visual and tactile qualities? Can they cut very accurately? Can they experiment using different colours? Can they use montage? Can they overlap materials?	Gamalan Whole class ensemble tuition Taught by a specialist music teacher, incorporating skills from across the national curriculum as well as instrument- specific skills.	Real PE 1 We will develop and apply our footwork and one leg balance through focused skill development sessions, healthy competition, cooperative games and group Personal Best challenges. Swimming Children should learn to: • swim competently, confidently and proficiently over a distance of at least 25 metres; • use a range of strokes effectively – e.g. front crawl, backstroke; • perform safe self rescue in different water-based situations	Do Murtis help Hindus understand God? We will explore how Hindus express their beliefs through images of deities and symbols	Computing systems and networks – The Internet We will apply our knowledge and understanding of networks to appreciate the internet as a network of networks which need to be kept secure. We will learn that the World Wide Web is part of the internet and learn about who owns content and what we can access, add, and create. We will evaluate online content to decide how honest, accurate, or reliable it is, and understand the consequences of false information.	Family Links • Why we are here- understand our class community, establish clear boundaries for behaviour. • Praise and criticism -recognise the impact of both praise and criticism on feelings and behaviour. • Personal Power- Introduce a common term for inner strength or willpower and encourage children to take responsibility for how they use it. • The Power to Choose – Recognise how they can use their personal power to make responsibility for the consequences of their choices. • Thinking about feelings – Increase awareness of their range of emotions and how they affect their own – and others' – behaviour.	La Jolie Ronde Parts of the body: Une tête, un nez, des dents, des yeux, une bouche, des oreilles Adjectives: Grand, petit, gros, long, pointu Parts of the body: La jambe, le pied, le ventre, la main, le bras (l'épaule and le genou introduced for receptive use through song)

Aut 2	Maths	English	Science	Humanities	Art/DT	Music	PE	RE	Computing	PSHE	MFL
Mountains & Volcanoes	White Rose	Writing Stimulus The Pebble in my Pocket Written Outcomes • Free Verse Poetry • Blackout Poetry • Blackout Poetry • Information Writing • Stantave (Leaflet) • Information Writing • Narrative • Persuasive (Leaflet) • Historical Recount • Free Writing Reading Text • The Firework- maker's Daughter by Phillip Pullman	States of Matter • compare and group materials together, according to whether they are solids, liquids or gases • observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C) • identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.	Mountains & Volcances We will learn the main features of mountains and understand how they are formed. We will also learn about volcances and where and why they occur, with a focus on Mount Vesuvius in Italy. We will extend our knowledge by investigating the location of mountains, mountain ranges and volcances worldwide, including their defining physical and human characteristics.	DT Project on a Page: <u>Structures</u> - <u>shell structures</u> • Develop and use knowledge of how to construct strong, stiff shell structures. • Develop and use knowledge of nets of cubes and cuboids and, where appropriate, more complex 3D shapes. • Know and use technical vocabulary relevant to the project.	Gamalan Whole class ensemble tuition Taught by a specialist music teacher, incorporating skills from across the national curriculum as well as instrument- specific skills.	Real PE 2 We will develop and apply our jumping and landing and seated balance through focused skill development sessions, healthy competition, cooperative games and group Personal Best challenges. Swimming Children should learn to: • swim competently, confidently and proficiently over a distance of at least 25 metres; • use a range of strokes effectively - e.g. front crawl, backstroke and breaststroke; • perform safe self- rescue in different water-based situations	Does the Christmas narrative need Mary? We will explore the role of Mary in Christian life and in the Christmas story in particular	Creating media - Audio production We will identify the input device (microphone) and output devices (speaker or headphones) required to work with sound digitally. We will discuss the ownership of digital audio and the copyright implications of duplicating the work of others. We will use Audacity to produce a podcast, which will include editing our work, adding multiple tracks, and opening and saving the audio files.	Family Links Ananging difficult feelings Begin to accept and manage difficult feelings in positive ways. Nurturing Ourselves Instil awareness of the need to nurture oneself as part of a healthy lifestyle. Peer Power Recognise that groups have peer power and individuals have personal power. Celebrating Differences Help children identify the term's successes and challenges, as part of moving forward to make a fresh start.	La Jolie Ronde Asking for French translation: Comment dit- on en français? Zoo animals: Le tigre, l'éléphant, l'ours, la souris, le lion, la girafe, le singe, le crocodile, le pingouin Verb – être (to be): Il est (He is) Elle est (She is) Quantifi ers: Assez, très Grand, petit, gentil, rigolo, féroce

Spr 1	Maths	English	Science	Humanities	Art/DT	Music	PE	RE	Computing	PSHE	MFL
Victorians	White Rose	Writing Stimulus Mouse, Bird, Snake, Wolf by David Almond Written Outcomes • Une Poetry and Kennings • Creating a descriptive piece about characters and events • Persuasive poster • Writing in role as a character Playscript of a new scene Reading Text David Almond	Animals, including humans • describe the simple functions of the basic parts of the digestive system in humans • identify the different types of teeth in humans and their simple functions • construct and interpret a variety of food chains, identifying producers, predators and prey.	Victorians • What were the main changes that took place during this time? • Children working in Victorian factories: was it as bad as they tell us? • If life was so hard for families in the towns why did so many leave the countryside and move to the towns in Victorian times? • What the Dickens was life like in the Victorian cities? • How did people feel about the coming of the railway? • What was it like going to school in Victorian poor and the workhouse; what does Martha's story tell us? • The Victorian Era: Dark Age or Golden Age?	Art focus: Victorian portraits Can they create all the colours they need? Can they create mood in their paintings? Do they successfully use shading to create mood and feeling?	Gamalan Whole class ensemble tuition Taught by a specialist music teacher, incorporating skills from across the national curriculum as well as instrument- specific skills.	Real PE 3 We will develop and apply our dynamic balance on a line and ball skills through focused skill development sessions, healthy competition, cooperative games and group Personal Best challenges. Swimming Children should learn to: • swim competently, confidently and proficiently over a distance of at least 25 metres; • use a range of strokes effectively - e.g. front crawl, backstroke and breaststroke; • perform safe self- rescue in different water-based situations	Is a holy journey necessary for believers? We will explore the holy journeys made by believers; the reasons and impact for such journey	Programming A — Repetition in shapes We will learn about repetition and loops within programming. We will create programs by planning, modifying, and testing commands to create shapes and patterns. We will use Logo, a text- based programming language.	Family Links Why we are here- understand our class community, establish clear boundaries for behaviour. Praise and criticism -recognise the impact of both praise and criticism on feelings and behaviour. Personal Power- Introduce a common term for inner strength or willpower lintroduce a common term for inner strength or willpower children to take responsibility for how they use it. The Power to Choose – Recognise how they can use their personal power to make choices and also take responsibility for the consequences of their choices. Thinking about feelings – Increase awareness of their range of emotions and how they affect their own – and others' – behaviour.	La Jolie Ronde Members of the family: Le père, la mère, le grand-père, la grand-mère, Possessive adjectives:Mon, ma Vocabulary for story: Le radis géant La petite fi lle, tirer, tomber Pets: Un chien, un chien, un chien, un lapin, un poisson, un cochon d'Inde, un oiseau

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Spr 2	Maths	English	Science	Humanities	Art/DT	Music	PE	RE	Computing	PSHE	MFL
Spr 2	Maths White Rose	English Writing Stimulus The Wild Robot Written Outcomes • Drawing and anotating • A variety of information texts including digital • The robot's tog entries - descriptive observations • Advisory emails • Poetry • Survival manual • Interview questions for Hotseating • Thought tracking • Writing in role - log entry, letters and notes Poetry Moon Juice by Kate Wakeling	Science Big Science - asking relevant questions and using different types of scientific enquiries to answer them - asting up simple practical requiring its tests - making systematic and carded observations and, where appropriate, taking carded observations and, where appropriate, taking a range of equipment, Including thermometers and data loggers - gathering, recording, data in a variety of ways to data in a variety of ways to data in a variety of ways to data in a variety of a variety data in a variety of ways to data in a variety of a variety data in a variety of ways to data in a variety of ways to data in a variety of organiza- tion of the science of the science data in a variety of a variety of a variety of results and conclusions organizations, make predictions for new values, simplarities or changes related to simple scientific ideas and processes - using scientific evidence to support their findings.	Humanities Investigating Our Town We will observe, measure and physical features of Headington, using a range of methods including photographs, sketch maps, plans, graphs and digital technology. We will use fieldwork to explore land use, environmental quality and traffic issues, and learn how to record, analyse and present our findings.	Art/DT Art focus: Victorian Weaving Can they use early textile and sewing skills as part of a project? Can they weave with fabric and thread?	Music Gamalan Whole class ensemble tuition Taught by a specialist music teacher, incorporating skills from across the national curriculum as well as instrument- specific skills.	PE Real PE 4 We will develop and apply our sending and receiving and counter balance with a partner through focused skill development sessions, healthy competition, cooperative games and group Personal Best challenges. Swimming Children should learn to: • swim competently, confidently and proficiently over a distance of at least 25 metres; • use a range of strokes effectively - e.g. front crawl, backstroke and breaststroke; • perform safe self- rescue in different water-based situations	RE Should believers give things up? We will explore Lent and its significance for Christian belief and practice	Computing Data and information – Data logging We will consider how and why data is collected over time. We will consider the senses that humans use to experience the environment and how computers can use special input devices called sensors to monitor the environment. We will collect data as well as access data captured over long periods of time. We will look at data points, data sets, and logging intervals.	PSHE Family Links • Managing difficult feelings Begin to accept and manage difficult feelings in positive ways. • Nutruing Ourselves Instil awareness of the need to nurture oneself as part of a healthy lifestyle. • Peer Power Recognise that groups have peer power and individuals have personal power. • Celebrating Differences Help children understand the positive value of difference. • Saying Goodbye Help children identify the term's successes and challenges, as part of moving forward to make a fresh start.	MFL Le Jolie Ronde Revision of pets vocabulary Verb – avoir (to have): J'ai – I have Je n'ai pas de – I haven't Connectives: Et, aussi Easter theme Quantifier: assez

Sum 1	L Maths	English	Science	Humanities	Art/DT	Music	PE	RE	Computing	PSHE	MFL
Sull .	White Rose										
	white Rose	Writing Stimulus	Living things & their habitats	Water	DT focus: Pneumatics	Gamalan	Real PE 5	Did Jesus really do miracles?	<u>Creating media –</u> Photo editing	Family Links	Le Jolie Ronde
H2O		 The Rhythm of the Rain by Grahame Baker- Smith Written Outcomes Visual Organisers Personal Narrative Poetry Writing in Role Persuasive Speech Biography Explanatory (Informal/Formal) Narrative Reading Text The Lion, the Witch and the Wardrobe 	 recognise that living things can be grouped in a variety of ways explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment recognise that environment can change and that this can sometimes pose dangers to living things. 	 The Water Cycle Water flow around the school Water flow around the world Water Supply and Demand in the UK Who owns the water we drink? The Global Goals 	 Select from and use appropriate tools with some accuracy to cut and join materials and components such as tubing, syringes and balloons. Understand and use pneumatic mechanisms. Know and use technical vocabulary relevant to the project. 	Whole class ensemble tuition Taught by a specialist music teacher, incorporating skills from across the national curriculum as well as instrument- specific skills.	We will develop and apply our reaction and response and floor work balance through focused skill development sessions, healthy competition, cooperative games and group Personal Best challenges. Real Dance	We will explore at least two miracles of Jesus and evaluate them from the view of a believer and a sceptic	We will develop our understanding of how digital images can be changed and edited, and how they can then be resaved and reused. We will consider the impact that editing images can have, and evaluate the effectiveness of our choices.	Why we are here- understand our class community, establish clear boundaries for behaviour. Praise and criticism -recognise the impact of both praise and criticism on feelings and behaviour. Personal Power- Introduce a common term for inner strength or willpower and encourage children to take responsibility for how they use it. • The Power to Choose – Recognise how they can use their personal power to make choices and also take responsibility for the consequences of their choices. • Thinking about feelings – Increase awareness of their range of emotions and how they affect their own – and others' – behaviour.	Hobbies: Danser, nager, jouer au football, manger au restaurant, lire, regarder la télé, aller au parc Revision of hobbies Opinions phrases: J'adore, J'aime, je n'aime pas Tu aimes? Numbers 12-31

Sum 2 Mat	English	Science	Humanities	Art/DT	Music	PE	RE	Computing	PSHE	MFL
Sum 2 Mat White Ro	English Writing Stimulus Varjak Paw Written Outcomes Character summaries Advisory notes Writing in Role Missing Posters Poetry Persuasive Writing Newspaper report	Science Electricity • identify common appliances that run on electricity • construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers • identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery • recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit • recognise some common conductors and insulators, and associate metals with being good	Humanities How does Electricity change things?	Art/DT DT Focus - Electrical Systems • Select from and use materials and components, including construction materials and electrical components according to their functional properties and aesthetic qualities. • Understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs and buzzers.	Music Gamalan - Whole class ensemble tuition Taught by a specialist music teacher, incorporating skills from across the national curriculum as well as instrument- specific skills.	PE Real PE 6 We will develop and apply their ball chasing and balance through focused skill development sessions, healthy competition, cooperative games and group Personal Best challenges. Real Gym	RE Does prayer change things? We will explore the reasons why believers pray and what they believe the results are	Computing Programming B — Repetition in games We will explore the concept of repetition in programming using the Scratch environment. We will discover similarities between Scratch and Logo. We will look at the difference between count- controlled and infinite loops, and use our knowledge to modify existing animations and games using repetition.	PSHE Family Links • Managing difficult feelings Begin to accept and manage difficult feelings in positive ways. • Nurturing Ourselves instil awareness of the need to nurture oneself as part of a healthy lifestyle. • Peer Power Recognise that groups have peer power and individuals have personal power. • Celebrating Differences Help children identify the term's successes and challenges, as part of moving forward to make a fresh start.	MFL Le Jolie Ronde Revision of leisure activities and opinions phrases Two weather expressions: Il fait froid, il fait chaud Quantifiers: Très, un peu Clothes items for packing a suitcase: Un pantalon, un short, un pull, une jupe, un chapeau, un maillot de bain, un tee-shirt

Commented [MC1]: Swapped with Sum 1, when the data loggers are available.