

Potten End Church of England Primary School
Curriculum Map Year 5

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Non-chronological reports - Based on books: 'The world of the unknown: Monsters', and 'The book of mythical beasts and magical creatures'. Descriptive writing - based on book 'Cloud tea monkeys'.	Poetry - Cinquains - based on book 'Where the Poppies now grow' Writing a narrative - based on book 'The promise'. Biographies - based on books 'Stone girl, bone girl', 'Fantastically great women who changed the world', 'Women in Science' and	Persuasive letters - based on book 'The misadventures of Frederick' Non-chronological reports- based on books 'The Skies above my eyes' and 'The street beneath by feet and the sea below my toes'	Descriptive recount- based on the book 'The Water tower' Mystery and suspense - based on the book 'The boy in the tower' Poetry - Based on book 'Rhythm and poetry'	Explanation - based on book 'The lost book of Adventure'. Advertising campaign Poetry - based on book 'Cloud Busting'	Writing reviews Narrative - based on book 'birdsong'
Maths	Place Value and Rounding Interpreting negative numbers Place Value of Numbers with up to Three Decimal Places Multiplying and dividing by 10, 100 and 1000 Properties of number Mental strategies for multiplication and division Solve Problems Involving Knowledge of Key Facts Addition and subtraction using a range of strategies including formal written methods Formal Written Method for Multiplication Formal Written Method of Short Division Equivalent Fractions Compare and Order Fractions Adding and Subtracting Fractions		Problem solving with all four operations Multiplying fractions by whole numbers and problem solving Converting units of measure Area Volume and Capacity Percentages and problem solving Properties of Shape Geometry- Angles, Properties of triangles, Coordinates, Position and Direction, Reflection and Translation, Perimeter Estimate, Compare, Measure and Draw Angles Identify Unknown Angles		Multiplication and division strategies Solving problems involving scaling by simple fractions and rates Conversion of imperials and metric units of measure Fractions, Decimals and Percentages Problem Solving Reading timetables and calculating with time Problem solving with all four operations Distinguish between Regular and Irregular Polygons Use Properties of Rectangles Statistics - interpreting and presenting data, solve comparison, sum and difference problems using line graphs Roman Numerals	

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History and Geography	Geography: Earthquakes and Volcanoes	History: Tudors - local History	Geography: Study of South America (Introductory unit to link the work on Mayans in Spring 2)	History: The Maya Who and where was the Maya civilisation? What were their beliefs and cultures? Why did the Maya civilisation collapse and disappear?	Geography: Key topographical features of rivers	History: Ancient Greece When and where, Athens vs Sparta, Ancient Greek Olympics and Greek pots.
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Computing	Coding Children will create a playable, competitive game using variables, buttons, and objects that launch windows to websites and other programs.	Game Creator Children will review an on-line game before designing their own game. They will then write instructions and evaluate the playability of their game.	On-line safety Behaviour on-line will be discussed and how the children have a responsibility towards each other when they are on-line. Revisit the importance of copyright and downloading images for own use. Referencing sources when using information from the Internet.	Spreadsheets To develop prior learning of Excel and develop a greater understanding of the functions available within the program eg: finding the area of a rectangle. Use Excel to plan a real-life event such as a party.	Databases The children will learn how to search a database and then design and build a database that the whole class can access. 3D modelling Children will explore 3D modelling software and the benefits of being able to move the point of a shape to explore another viewpoint. They will also learn about 3D printing and how it is being used today. Concept maps To understand and create a concept map; the need to have a visual representation of complex ideas.	
RE	Creation	Incarnation	Judaism (including Shabbat/pilgrimage)	Salvation	SIKHISM (Inc the Sikh Gurdwara)	Justice and poverty: why does faith make a difference? (Link religions)
Science	Properties and changes of materials Dissolving, reactions and separation	Earth and Space (Solar System and Movement)	Forces Gravity, friction and machines		Living things and their habitats- Life Cycles and Reproduction	Animals including Humans Growth, development and puberty

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PE	Multi-skills Swimming	Gymnastics Swimming	Netball Swimming	Handball Swimming	Gymnastics Athletics	Dance Tennis
MFL	Core vocabulary- days of the week, months of the year, numbers, colours	What is the date?	Weather	Do you have a pet?	Clothes	My Family
Art & Design Technology	Art - <u>Typography & Maps</u> Exploring how we can create typography through drawing and design, and use our skills to create personal and highly visual maps.	DT Doodlers Pop up books	Art - <u>Mixed Media Land & City Scapes</u> Explore how artists use a variety of media to capture spirit of the place.	DT Bridges	Art - <u>Set Design</u> Explore creating a model set for theatre inspired by poetry, prose, film or music.	DT Developing a recipe - bolognaise
Music	Singing focus - Young voices preparation.		Dragon of the north - playing and performing using singing and percussion instruments. Understanding the history of music and reading music notation. Improvise and compose music and listen to and appreciation music from composer and musicians.		Dragon of the north - playing and performing using singing and percussion instruments. Understanding the history of music and reading music notation. Improvise and compose music and listen to and appreciation music from composer and musicians.	
PSHE	Being me in my world Planning the forthcoming year Being a citizen Rights and responsibilities Rewards and consequences How behaviour affects groups Democracy, having a voice, participating	Celebrating differences Cultural differences and how they can cause conflict Racism Rumours and name-calling Types of bullying Material wealth and happiness Enjoying and respecting other cultures.	Dreams and goals Future dreams The importance of money Jobs and careers Dream job and how to get there Goals in different cultures Supporting others (charity) Motivation	Healthy me Smoking, including vaping Alcohol Alcohol and anti-social behaviour Emergency aid Body image Relationships with food Healthy choices Motivation and behaviour	Relationships Self-recognition and self-worth Building self esteem Sage online communities Rights and responsibilities online Online gaming and gambling Reducing screen time	Changing me Self and body image Influence of online and media on body image Puberty for girls Puberty for boys Conception (including IVF) Growing responsibility Coping with change

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					Dangers of online grooming SMARRT internet safety rules	Preparing for transition.
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