




















<b>Pirton Hill Primary School</b>
<b>Year 5 Curriculum Intent</b>

Autumn Term		Spring Term		Summer Term	
Theme:	Victorians	Theme:	Natural Disasters	Theme:	Invaders
Values:	Responsibility and Respect	Values:	Readiness and Resilience	Values:	Aspirations and Appreciation
Visit / Visitor / Hook	Chiltern Open Air Museum	Visit / Visitor / Hook	Immersive space – In a natural disaster	Visit / Visitor / Hook	National Space Centre visit
Focus of Year Group Wow	Punch and Judy Puppets	Focus of Year Group Wow	Volcanic Eruptions	Focus of Year Group Wow	Viking Boat Race
Contribution to w/sch wow	(Remembrance) War Poetry Songs for Harvest & Christmas	Contribution to w/sch wow	World Book Day	Contribution to w/ sch wow	Summer Fayre

Progression of Skills and Knowledge (Termly)		
Autumn Term	Spring Term	Summer Term
<b>Reading:</b> <ul style="list-style-type: none"> <li>Understand the relationship between words to help them read unknown polysyllabic words</li> <li>Understand the impact of prefixes and suffixes on root words</li> <li>Read all Year 4 and 5 common exception words</li> <li>Work out the meaning of unknown words from the way they are used in context</li> <li>Recognise language that is a feature of a particular genre and how this contributes to meaning</li> <li>Identify, collate and discuss the key ideas and information from a range of sources</li> </ul>	<b>Reading:</b> <ul style="list-style-type: none"> <li>Compare, contrast and evaluate different books</li> <li>Skim and scan non-fiction texts at speed for research</li> <li>Infer messages, moods, feelings and attitudes across a text</li> <li>Explore texts to support and justify predictions and opinions</li> <li>Discuss the difference between literal and figurative language and the effects of imagery</li> <li>Identify the purpose, audience and organisation of different fiction/nonfiction</li> </ul>	<b>Reading:</b> <ul style="list-style-type: none"> <li>Recognise the use of irony and comment on the writers intention</li> <li>Evaluate the success of a text providing evidence that refers to language, theme and style</li> <li>Talk confidently about the purpose of the text and the specific intentions of the author</li> </ul>
<b>Writing:</b> <ul style="list-style-type: none"> <li>Brackets, dashes or commas to indicate parenthesis</li> <li>Use of commas to clarify meaning or avoid ambiguity</li> <li>Indicating degrees of possibility using adverbs</li> <li>Relative clauses- who, which, where, when, whose, that or an omitted relative pronoun</li> <li>Verb prefixes – dis, de</li> <li>Linking ideas across paragraphs using adverbials of time, place and number or tense choice</li> </ul>	<b>Writing:</b> <ul style="list-style-type: none"> <li>Indicating degrees of possibility using or modal verbs</li> <li>Verb prefixes – mis , over and re</li> <li>Converting nouns or adjectives into verbs using suffixes – ate, ise, ify</li> </ul>	<b>Writing:</b> <ul style="list-style-type: none"> <li>Securing all skills from Autumn and Spring</li> <li>Dash for parenthesis and emphasis</li> </ul>
<b>Maths:</b> <ul style="list-style-type: none"> <li>Place value to a million</li> <li>Addition and subtraction: more than 4-digit numbers</li> <li>Statistics: Line graphs and two-way tables (timetables)</li> <li>Multiplication and division: Factors, Prime Numbers, Cube Numbers, Multiplying and Dividing by 10, 100 and 1000</li> <li>Measures: Perimeter and Area – calculate using formula</li> </ul>	<b>Maths:</b> <ul style="list-style-type: none"> <li>Number: Multiplying 4-digit by 1 digit; 2, 3, &amp; 4-digit by 2-digits; dividing 4-digits by 1-digit; dividing with remainders</li> <li>Fractions: Equivalent fractions, mixed numbers and improper fractions, comparing and ordering fractions within 1, +/-x with different denominators</li> <li>Number: Decimals and Percentages: Decimals to 3 places, rounding &amp; comparing. Percentages as fractions and decimals, 1/1000</li> </ul>	<b>Maths:</b> <ul style="list-style-type: none"> <li>Number: Decimals: Adding &amp; subtracting decimals within and above 1 (inc. different number of DPs), multiplying &amp; dividing decimals by 10, 100 &amp; 1000</li> <li>Properties of Shape: Measuring &amp; drawing angles (in °), draw angles at point / straight line, use protractors, calculate angles, regular &amp; irregular polygons</li> <li>Geometry: Position and Direction: Position in first quadrant, reflection, translation and with co-ordinates</li> <li>Measurements: Converting units of measure and time, imperial units, timetables, compare &amp; estimate volume</li> </ul>

Autumn Term		Spring Term		Summer Term	
	<ul style="list-style-type: none"> <li>Know the differences between the life cycles of various living things.</li> <li>Describe how some plants and animals reproduce.</li> <li>Describe changes as humans develop.</li> <li>Identify scientific evidence.</li> </ul>		<ul style="list-style-type: none"> <li>Investigate soluble and non-soluble materials.</li> <li>Explore separating mixed materials back into their basic parts.</li> <li>Understand changes that result in the permanent formation of new materials.</li> <li>Know about chemists who have invented useful new materials.</li> </ul>		<ul style="list-style-type: none"> <li>Understand changes in the Moon's appearance</li> <li>Investigate and explain the Earth's rotation.</li> <li>Explain why we have day and night.</li> <li>Know the planets in the solar system and their relationship to the sun.</li> </ul>
	<ul style="list-style-type: none"> <li>Design and create a computer program for a computer game, which uses sequence, artwork and sound.</li> <li>Use iterative development techniques.</li> <li>Detect and correct errors in their computer game.</li> <li>Be familiar with semaphore and Morse code.</li> <li>Understand the need for private information to be encrypted.</li> </ul>		<ul style="list-style-type: none"> <li>Understand the causes of volcanoes and earthquakes, and their impact on people.</li> <li>Identify the position and significance of latitude and longitude.</li> <li>Locate countries on maps, the globe and online</li> <li>Locate countries concentrating on environmental regions and physical characteristics.</li> </ul>		<ul style="list-style-type: none"> <li>Explore and explain the force of gravity.</li> <li>Understand resistance created by different materials.</li> <li>Investigate the effect of levers, pulleys and gears.</li> <li>Measure force accurately.</li> </ul>
	<ul style="list-style-type: none"> <li>Understand how and why the local community has developed over time including Wardown House.</li> <li>Know about significant people, and events that took place, in Luton</li> <li>Understand how Luton has been shaped by regional, national and international events.</li> </ul>		<ul style="list-style-type: none"> <li>Become familiar with the tools and techniques of a vector graphics package.</li> <li>Develop some awareness of computer generated art, in particular fractal-based landscapes.</li> <li>Develop an understanding of turtle graphics.</li> <li>Experiment with the tools available, refining and developing their work.</li> </ul>		<ul style="list-style-type: none"> <li>Become familiar with blogs as a medium/genre of writing, and comment on posts of others.</li> <li>Create a sequence of blog posts on a theme.</li> <li>Develop a critical, reflective view of a range of media, including text.</li> <li>Understand the work of architects, designers</li> </ul>
	<ul style="list-style-type: none"> <li>Demonstrate a selection of different stitches.</li> <li>Evaluate existing sewn products.</li> <li>Create a design for a sewn object with detailed annotations.</li> <li>Cut and join fabrics safely and securely.</li> <li>Evaluate their final product.</li> </ul>		<ul style="list-style-type: none"> <li>Use research and criteria design criteria to inform the design of a product.</li> <li>Understand a range of simple mechanical systems.</li> <li>Include mechanical systems in a product.</li> <li>Evaluate the final product against the design criteria and suggest improvements.</li> </ul>		<ul style="list-style-type: none"> <li>Describe Anglo-Saxon invasions, settlements and kingdoms.</li> <li>Understand Viking and Anglo-Saxon struggle for the Kingdom of England.</li> <li>Retell resistance from Alfred the Great and Athelstan.</li> <li>Explain Anglo-Saxon Laws and justice system.</li> </ul>
	<ul style="list-style-type: none"> <li>Pinpoint my location on a map.</li> <li>Use the compass independently to walk to places, using 8 compass points.</li> <li>Use 6 figure grid references on an ordnance survey and explain key symbols.</li> <li>Draw a variety of maps and plans in the UK</li> <li>Observe, record and present features in the local area</li> <li>Discussing and identifying solutions.</li> </ul>				<ul style="list-style-type: none"> <li>Evaluate a range of Celtic jewellery to identify a clear style.</li> <li>Create sketch books to record observations and ideas.</li> <li>Combine and manipulate materials to create a piece of Celtic jewellery.</li> <li>Evaluate and edit during the design and make process.</li> </ul>
Progression of Skills and Knowledge (Annual)					
	<ul style="list-style-type: none"> <li>Make simple sentences and manipulate them</li> <li>Understand and use negatives.</li> <li>Identify the position of adjectives in a sentence</li> <li>Memorise and present two or three sentences</li> <li>Take part in a simple conversation, asking for and giving directions</li> </ul>		<ul style="list-style-type: none"> <li>Understand the logistics of putting on a performance</li> <li>Learn about scales, melodies and the structures of a song</li> <li>Compare and contrast two pieces of music</li> <li>Explore extended vocal techniques inc. acapella</li> </ul>		<ul style="list-style-type: none"> <li>Explain the main physical and emotional changes that happen during puberty. Ask questions about puberty with confidence</li> <li>Describe what happens during menstruation and sperm production</li> <li>Understand how puberty affects reproductive organs and explain how to stay clean</li> </ul>
	<ul style="list-style-type: none"> <li>Perform specific skills and movement patterns and different dance styles with accuracy</li> <li>Perform combinations of actions that show clear levels, speeds and directions</li> <li>Know the difference between attacking skills and defending skills</li> <li>Hit the ball with purpose, varying the speed, height and direction</li> </ul>		<ul style="list-style-type: none"> <li>Communicating with God – prayer: Christianity, Islam, Dharmic. How has religion shaped humanity and communities?</li> <li>Humanism and alternatives to religious beliefs. What ideas are found in religion that science supports?</li> <li>How does religion serve society? Nature as a destructive force – floods, volcanoes, earthquakes</li> </ul>		