

WPS Curriculum Plan



Year Group: 5

Term: Spring 2

Subject	
History	Taught in Spring term
Geography	<p>Distribution of Resources</p> <ul style="list-style-type: none"> To understand what is meant by natural resources. To describe and understand the distribution of natural resources in the UK including energy, minerals and water (food covered in Yr6), considering the impact this has on trade and industry <p>Skills</p> <ul style="list-style-type: none"> Draw a map with positioning of key features located accurately in relation to one another and use OS Symbols <p>Key Vocabulary natural resource, import, export, trade, goods, globalisation, multinational company, economy, renewable energy, climate change, fossil fuels</p>
MFL	Do you have a pet? (IN)
Art	Spring 1
RE	<p>Christianity</p> <p>What is the great significance of the Eucharist for Christians?</p> <p>Key Vocabulary Passover, Eucharist, Holy Communion, thanksgiving</p>
Science	<p>Materials</p> <ul style="list-style-type: none"> Compare and group every day materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal) and response to magnets Know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated. Give reasons based on evidence from comparative and fair tests, for the particular uses of every day materials including metals, wood and plastic Demonstrate that dissolving, mixing and changes of state are reversible changes Explain that some changes result in the formation of new materials, and this kind of change is not usually reversible including changes associated with burning and the action of acid on bicarbonate of soda <p>Key Vocabulary hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible</p>
Working Scientifically	<ul style="list-style-type: none"> planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary (TAPS 'Plan' – Dissolving) taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs using test results to make predictions to set up further comparative and fair tests

	<ul style="list-style-type: none"> ● reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations ● identifying scientific evidence that has been used to support or refute ideas or arguments. <p>Key Vocabulary plan, variables, measurements, accuracy, precision, repeat readings, predictions, further comparative and fair test</p>
PE	<p>Tennis</p> <ul style="list-style-type: none"> - Strike a ball using a wider range of skills. Apply these with some success under pressure. - Use a variety of techniques to change direction to lose an opponent. - Create and use space for self and others with some success. - Understand the need for tactics and can identify when to use them in different situations <p>Key vocabulary volley, footwork, set, tactics, cooperatively, continuously and dig.</p> <p>School games value: passion</p>
PE with Total Sports	<p>Netball</p> <ul style="list-style-type: none"> - Use a variety of throwing techniques with some control under increasing pressure. - Catch and intercept a ball using one and two hands with some success in game situations. - Strike a ball using a wider range of skills. Apply these with some success under pressure. - Use a variety of techniques to change direction to lose an opponent. - Create and use space for self and others with some success. - Understand the need for tactics and can identify when to use them in different situations. <p>Key vocabulary close down, create, stance, dominant, maintain, support and rebound.</p> <p>School games value: passion</p>
Computing	<p>Teach Computing lesson plans and resources</p> <p>Year 6 Computing systems and networks – Communication - Year 6 Lesson 1 –Internet addresses</p> <ul style="list-style-type: none"> ● I can recognise that data is transferred using agreed methods ● I can explain that internet devices have addresses ● I can describe how computers use addresses to access websites <ul style="list-style-type: none"> ● Year 6 Lesson 2 – Data packets ● I can identify and explain the main parts of a data packet ● I can explain that data is transferred over networks in packets ● I can explain that all data transferred over the internet is in packets

	<p>Key Vocabulary protocol, Internet Protocol (IP) address, Domain Name Server (DNS), Packet, header, data payload</p> <p>E-safety Pixl lesson 4 – online wellbeing Limit, well-being</p>
Music	<p>Charanga unit: The Fresh Prince of Bel-Air Style of main song: Old-School Hip Hop Unit theme: Old School Hip-Hop Performance focus: Sing/rap, with their own lyrics they have written and added to the song.</p> <p>Listening: Discuss and recognise the structure of the song (piano intro, verse 1, verse 2, chorus, verse 3, interlude, chorus, verse 4 with tag ending). Identify instruments/sounds they can hear (loops, samples, decks, scratching, drums, bass, synthesizer, rapper). Find the pulse as they are listening. Identify/discuss whether the tempo is fast, slow or inbetween, dynamics and texture. Know the song is an example of Hip-Hop music and be able to describe the style indicators of Hip-Hop music.</p> <p>Copying rhythms: Play and copy back rhythms, on a glockenspiel using up to 3 notes (D, E + F).</p> <p>Sing: In unison.</p> <p>Play instruments: With the song by ear, or from notation. Using up to 3 notes (D, G + A). Know the difference between pulse and rhythm and be about to keep an internal pulse.</p> <p>Improvise: using the up to 3 notes (D, E + F).</p> <p>Compose: a simple melody using simple rhythms choosing from the notes D, E + F or D, E, F, G + A. Children will know the pulse, rhythm, pitch, tempo, dynamics, texture and structure work together to make a song sound interesting, and be able to keep the internal pulse.</p> <p>Key Vocabulary Old-school Hip Hop, Rap, riff, synthesizer, deck, backing loops, Funk, scratching, unison, melody, compose, improvise, cover, pulse, rhythm, pitch, tempo, dynamics, timbre, texture, structure, musical dimensions, style indicators.</p>
PSHE and RSE	<ul style="list-style-type: none"> ● R6. that a feature of positive family life is caring relationships; about the different ways in which people care for one another ● R7. to recognise and respect that there are different types of family structure (including single parents, same-sex parents, step-parents, blended families, foster parents); that families of all types can give family members love, security and stability.
DT	<p>Mechanisms: Gears and Pulleys</p> <ul style="list-style-type: none"> ● Understand that mechanical and electrical systems have an input, process and an output. ● Understand how gears and pulleys can be used to speed up, slow down or change the direction of movement. ● Know and use technical vocabulary relevant to the project. <p>Key Vocabulary pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, axle, motor, circuit, switch, circuit diagram, annotated drawings, exploded diagrams, mechanical system, electrical system, input, process, output</p>
British Values	<p>Individual Liberty</p> <ul style="list-style-type: none"> ● What is individual liberty? ● What are our human rights? ● Consider the choices we make about ourselves at Werrington Primary School

	<p>Respect and Tolerance</p> <ul style="list-style-type: none">● What do these words mean and how can we show this to one another?● How to show respect in and around school.
SMSC	<ul style="list-style-type: none">- Understanding the consequences of their behaviour and actions (E-Safety). Danny the Champion of the world- Interest in investigating and offering reasoned views about moral and ethical issues and ability to understand and appreciate the viewpoints of others on these issues (Science & Geography).