



## YEAR 5 Autumn Term overview

Subject	
TRIPS	Year 5 Cinema trip Cineworld Hemel Hempstead Ballerina
Maths	<p>Children will learn place value and rounding of large numbers. Interpreting negative numbers. Place value of numbers up to three decimal places. Multiply and divide by 10,100,1000</p> <p>Properties of number- multiples, factors and common factors. Prime and composite numbers. Multiply and divide mentally. Solve problems involving knowledge of key facts</p> <p>Add and subtract using a range of strategies. Add and subtract using formal written methods. Formal written methods for multiplication. Formal written method for short division</p>
English	<p>Poetry: Class read and respond to Slam poems and experiment with own poems.</p> <p>Narrative: <i>Kensuke's Kingdom</i>. Pupils use a familiar class text to explore extended writing opportunities.</p> <p>Traditional Tales – Legends. Children reflect on the main character of a legend from different points of view.</p> <p>Non-fiction: Recount: Biographies familiar authors: Roald Dahl. Pupils will compose a biographical account.</p> <p>SPaG: (Spelling, grammar and punctuation):</p> <p>Extending the range of sentences with more than one clause by using a wider range of conjunctions.</p> <p>Consider different word types: adjectives, nouns, adverbs, verbs.</p> <p>Consider prepositions to use in sentences.</p> <p>Indicate grammatical and other features by: using semi-colons and colons to mark boundaries between main clauses; punctuating bullet points consistently; discuss conjunctions used in multi-clause sentences (co-ordinating and subordinating).</p> <p>Analyse complex sentences.</p>
History	<p><b>Slavery</b></p> <p>Children will study an aspect or theme (Slavery) in British history that extends pupils' chronological knowledge beyond 1066. Consider the horrific conditions on board slave ships. Consider the death rate during slaves' transportation to America. Know that the majority of slaves</p>



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	<p>came from Africa. Consider what life was like for most slaves. Consider the impact of slavery on the world today. Consider the horrific conditions on board slave ships. Consider the death rate during slaves' transportation to America. Know that the majority of slaves came from Africa. Consider what life was like for most slaves.</p> <p><b>Key Vocabulary</b> empire, foreign, colonies, colonialism, monarch, indigenous, trade, enslaved, triangular, prejudice, transatlantic, activist, freedom</p>
<b>Geography</b>	Spring Term
<b>Computing</b>	<p><b>Online Safety</b></p> <p>Children will gain a greater understanding of the impact of the sharing digital content can have. Review sources of support when using technology and children's responsibility to one another in their online behaviour. Know how to maintain secure passwords. Understand the advantages, disadvantages, permissions and purposes of altering an image digitally and the reasons for it. Be aware of appropriate and inappropriate text, photographs and videos and the impact of sharing these online.</p> <p><b>Key Vocabulary</b> Online safety. smart rules, password, reputable, encryption, identity theft, shared image, Plagiarism, citations, reference, bibliography</p> <p><b>Coding</b></p> <p>Children will represent a program design and algorithm. Create e program that stimulates a physical system using decomposition. Explore string and text variable types to that the most appropriate can be used in programs. Program a playable game with timers and scorepad.</p> <p><b>Key Vocabulary</b> Action, Bug, Control, Algorithm, Debug, Sequence, Simulation, Variable, Selection, Variable, Timer, Event,</p> <p><b>Spreadsheets</b></p> <p>Children will use a formula wizard to add a formula to a cell to automatically make a calculation in that cell. Use calculators to test hypothesis. Add a formula to a cell to automatically make a calculation in that cell. Use a spreadsheet to model a real-life situation and answer questions.</p>



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	<p><b>Key Vocabulary</b> Average Advance mode, Copy and Paste, Cells, Charts, Equals tool, Formula Random tool, Rows Columns, Spreadsheet, Timer</p>
Science	<p><b>Earth and space</b></p> <p>Pupils will learn about the movement of the Earth, and other planets, relative to the Sun in the solar system. They will also look at the movement of the Moon relative to the Earth as well as describe the Sun, Earth and Moon as approximately spherical bodies. They will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p> <p><b>Key Vocabulary</b> interrupt, lightning temperature, thorough, orbit, galaxy, sun, moon, Earth celestial bodies, solar system, galaxy, rotate/rotation, spin, axis, night and day, shadow clocks, sundials time-zone</p> <p><b>Properties and changes of materials</b></p> <p>Pupils will compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal) and response to magnets. Pupils will also explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.</p> <p><b>Key Vocabulary</b> natural, man-made transparent, hard, rough, smooth, solid, strong tough, magnetic, bendy, occur hindrance, immediate, nuisance, variety, filtration</p>
DT	<p><b>Puppets</b></p> <p><b>Pupils will know the history of Puppets and their popularity across the world. Use internet and for research and design ideas. Draw up a realistic specification for a puppet design, ensuring that it is fit for purpose. Select appropriate materials, tools, and techniques (fit for purpose) and list them- considering functionality. Cut and join with accuracy to ensure a good-quality finish to</b></p>



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	<p>the product. To know which materials are best suited to stiffen and reinforce by selecting them due to their properties. To know how to use a range of tools i.e., junior hacksaws, G-clamps, bench hooks, hand drills safely.</p> <p>Evaluate quality of design while designing and making.</p> <p><b>Key Vocabulary</b> Marionette, hand finger puppets, rod, shadow, materials, entertainment_recommend, cross sectional drawing, string puppet, ruler measurement accuracy, design brief, amateur, professional, papier mache, decoupage</p>
Art	<p>Still Life</p> <p>Children will use their sketchbooks to show how ideas are developed and improved and to show knowledge and art history that they have learnt.</p> <p>Make a collection of drawings around a theme</p> <p>Use hard and soft lines to show the detail in the distance, foreground and avoid using a rubber</p> <p>Draw simple objects including texturing techniques</p> <p>Use layers of paint to add detail to background colours</p> <p>create mixed media work. Use research and knowledge on different artist styles to experiment in their own work.</p> <p><b>Key Vocabulary</b> Tone, shade, edged, Cezanne, inanimate objects,, recognise, excellent, exaggerate, persuade, pronunciation, signatures, sincere shade, perspective, shape, distance, foreground, background</p>
Short PE	<p>Yoga / Gym</p> <p>Pupils will recognise and perform Yoga poses with control and fluency. Explore travelling through a yoga sequence by including jumps, turns and balances. Travel in a variety of special relationships in synchronisation with a partner. Incorporate leaps, jumps and full turns into a sequence.</p>



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	<p><b>Key Vocabulary</b> yoga, union, posture, meditation, pose, Tadasana... Ukatasana (Chair Pose)... Vriksasana (Tree Pose)... Rainbow Pose, Asanas, sequence, spatial relationships, fluency, lunge</p> <p><b>African Dance</b></p> <p>Pupils will use movement imaginatively to create and perform dance inspired by another culture. Use body percussion to create and perform a dance inspired by African dance. Perform Sinte dance moves and consider which moves could be developed into motifs.</p> <p>Create a dance sequence including specific motifs. Consider expression, space, dynamics and relationships to use in an African dance sequence.</p> <p><b>Key Vocabulary</b> specific, culture, practise, control fluency, incorporate, percussion, improvise, sequence, coordination, accuracy, sinte, shimmy, motifs, combinations</p>
<b>Long PE</b>	<p><b>Netball</b></p> <p>Pupils will Use a bounce pass in a game. Play as the attacking team and the defending team. Describe the techniques needed to perform a bounce pass Use different dodging skills. Practise pivoting Use pivoting in a game to make more successful passes</p> <p><b>Key Vocabulary</b> control, use space, defend, attack, chest pass, tactics, compete, collaborate, teamwork, score, shoot, footwork, foul, free pass, pivot</p> <p><b>Football</b></p> <p>Pupils will change direction with the ball. Turn into space. Sometimes turn with the ball during games Recognise space and opportunities for running with the ball Travel quickly and effectively with the ball. Select appropriate conclusion to run e.g. shoot, pass,</p> <p><b>Key Vocabulary</b> dribble., shoot, pass, dribble, goal side, position control, pass, inside foot, consistent power</p>



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RE	<p><b>Beliefs and practices (including Christmas)</b></p> <p>Describe, make connections and reflect upon different features of the religions and world views studied, discovering more about the significance of pilgrimage ,worship, and the rituals which mark important points in life including the joy of celebrations. Describe, make connections and reflect on some religious and world views studied, using specific religious vocabulary about how celebrations and key moments in life are marked by different communities.</p> <p><b>Key Vocabulary</b> appreciate, leaders,, beliefs, festivals, practices, Prince Siddartha, Buddha, language, suffering, enlightenment, experience, meditate ancient, language, marvellous, curious,</p>
PSHE	<p><b>Being me in my world</b></p> <p>Help others to feel welcome. Try to make our school community a better place. Think about everyone’s right to learn. Care about other people’s feelings. Work well with others and follow the school Learning Charter.</p> <p><b>Key Vocabulary</b> education, appreciation, opportunities, goals, motivation, vision, hopes, challenge, rights, responsibilities, citizen, denied, empathise refugee, persecution, conflict, asylum migrant</p> <p><b>Celebrating difference</b></p> <p>Accept that everyone is different. Include others when working and playing. Know how to help of someone is being bullied. Try to solve problems by using kind words. Know how to give and receive compliments.</p> <p><b>Key Vocabulary</b> culture, conflict, difference, similarity, belong, racism, colour, race, discrimination, culture, racist, cyber bullying, texting, difference, problem-solving.</p>
French	<p><b>Luc est le professeur- Vocabulary focus: Commands formal and plural.</b></p> <p><b>Grammar focus: Je peux, il fait +infinitive</b></p>



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	<p><b>Le vrai professeur-</b> <b>Vocabulary focus: Commands informal and singular</b> <b>Grammar focus: imperatives</b></p> <p><i>J'ai les cheveux noirs et longs</i> <b>Vocabulary focus: descriptions</b> <b>Grammar focus: agreement of adjectives by gender and singular/plural</b></p> <p><b>Une letter au Piere Noel</b> <b>Vocabulary focus: related to Christmas Grammar focus: possessive pronouns</b></p> <p><b>Joyeux Noel</b> <b>Vocabulary focus: related to Christmas Grammar focus: negatives</b></p>
Music	<p><b>Unit:</b> Livin' On A Prayer <b>Style:</b> Rock</p> <p><b>Topic and cross curricular links:</b> How rock music developed from the Beatles onwards. Analysing performance. Children's learning is focused around one song: Livin' On A Prayer. The material presents an integrated approach to music where games, the dimensions of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other classic rock songs.,</p> <p><b>Unit:</b> Classroom Jazz 1 <b>Style:</b> Jazz</p> <p><b>Topic and cross curricular links:</b> History of music - Jazz in its historical context. The learning is focused around learning to play two tunes and improvising: <b>Three Note Bossa</b> and <b>The Five Note Swing</b>.</p> <p><b>Key Vocabulary</b> chorus, bridge, instrumental, pulse, pitch, rhythm, tempo, texture, dynamics, improvise, compose transpose, key,</p>