

PICKHURST ACADEMY

Cross Curricular Links

WHERE EVERY CHILD COUNTS

OUR CORE VALUES

We want all of our children to BE **P.I.C.K.H.U.R.S.T**

Proud

Inquisitive

Confident

Kind

Healthy

Understanding

Respectful

Successful

Trustworthy

INTENT

At Pickhurst, through recognition of the need to prepare our children for their futures and the world of work, our curriculum is broad, balanced and inclusive. It has defined end points with a clear sequence and progression, with children attaining the crucial knowledge and skills they need by the time they leave our school.

Statement 1:

To foster effective learning behaviours (Pickhurst Core Values).

To develop the behaviours that learners need to succeed in the world such as: pride, respect, confidence, kindness and inquisitiveness.

Statement 2:

To nurture our children's learning journey.

To develop the appropriate subject specific knowledge, skills and understanding as set out in the National Curriculum. Layering knowledge across subjects so that it becomes embedded and children can flourish, reach and exceed their potential academically, physically, emotionally and artistically.

SUBJECT	Year 3	Year 4	Year 5	Year 6
Maths	<u>Autumn</u> French – number songs. Counting numbers in French. Geography – reading graphs, interpreting data. Time – time zones. History – Venn Diagrams to read and interpret data. Music- Number songs. <u>Spring</u>	<u>Autumn</u> French – Number songs. Adding numbers in French History – Roman Numerals Timelines. Design and Technology – Budgeting and adapting a recipe. 3D shapes when designing nets/packages. Measurement and conversion. <u>Spring</u>	<u>Autumn</u> English – Creating a story to help go with their line graphs which helped them to interpret the graph. History – Roman numerals. Science – negative numbers which they will see when using a thermometer. <u>Spring</u>	<u>Autumn</u> History - Timelines and Key Dates linking with negative numbers. Geography - Comparing temperatures in London and Manaus (Brazil). English - Describing position of places on a map to their location. <u>Spring</u>

	Design and Technology – Measurement (mm, cm) Statistics – collecting data. Science – collecting data and creating bar graphs to show results. RE – collecting data, creating tables to show sacred places visited by the class. <u>Summer</u> Art – using geometric shapes for drawing. Science – collecting data and creating bar graphs to show results.	<u>Spring</u> Design and Technology – Fractions and Decimals Money and Conversions. Statistics – Collecting data. History - Investigating Roman numerals, the Roman calendar. Geography - Learning about timing and measurement of water flow. <u>Summer</u> Art – Key artist. Paul Cezanne. Studying shapes in his work. Geography – Statistics Learning about temperature and earthquake scales. History – Statistics D & T - Measurement Length and Perimeter Properties of shape.	Art – draw the bar model to help them understand fraction concepts. <u>Summer</u> Maths week History – Exploring previous mathematicians Art – lines of symmetry and different shapes.	History - Venn Diagrams to present data: links to history to present past and present as well as similarities and differences between societies to ensure long-term memory. PSHE - Keeping safe – legal and illegal / medical and non-medical Venn diagrams. D&T - Ratio and proportion Used to calculate amounts of ingredients for meal preparation. Capacity and volume used to calculate amounts for ingredients. Measurement used to calculate amounts for ingredients. RE - Class survey for views on ‘Just War’ statistics. Science – Percentages of the composition of blood. Creating a pie chart to represent components of blood. <u>Summer</u> Geography – Statistics. Sample survey from local residents to determine need for local amenities. Properties of shape. Measuring and drawing streets of the future (using a variety of perspective and 3D impressions).
ENGLISH	<u>Autumn</u> - The Pebble in My Pocket Science — igneous rocks (and other types). Geography – learning features of the places main character visits in the story, from the desert to the arctic. History – pre-history, dinosaurs, history of the world’s formation. Art – using colours to create a	<u>Autumn</u> History – Ancient Egyptians. Marcy and the Riddle of the Sphinx. Our core text is set in Ancient Egypt. When Marcy’s father is trapped inside the Sphinx, a fearful young girl must summon her courage to save him. Geography - Making notes, annotating and communicating	<u>Autumn</u> History – The Highwayman – the role of highwaymen during that period in History. Science – Cosmic – terminology of Space. <u>Spring</u> History – ICE TRAP! – Shackleton of his life and expedition.	<u>Autumn</u> History - The Rain Player Core text is set in Ancient Maya and is based on an Ancient Mayan legend. The language within the text, as well as the characters (including gods) expose the children to vocabulary which would have been used by the Ancient Mayan People.

	mood for own story through drawing own illustrations. RE – diary entry and newspaper report on sacred places. <u>Spring</u> – Arthur and The Golden Rope and The BFG. Science – (Arthur and The Golden Rope) Forces and Magnets – main character collects “strange” things. History – (Arthur and The Golden Rope) Main character is a historian and archaeologist. Design and Technology – (The BFG) Designing a dream jar. <u>Summer</u> – The Great Kapok Tree and The Green Ship Science – (TGKP) Plants and Animals – how they grow and what they need to survive. Geography – (TGKP) Brazil – story set in the rainforest, relating to the tropics and the Equator line. Eco School – environmental discussions throughout both books.	findings. PSHE - Risk taking Relationships with siblings and valuing differences. Music – Circus themed music exploration (Leon and The Place Between). <u>Spring</u> Science – Materials (The Iron Man) Art – Design own space creature, experimenting with different techniques. Geography – Landscape. Beaches, Cliffs. River and Mountain stories/poems. Immigration, discuss and learn about Syria. History - Construct informed responses that involve the thoughtful selection and organisation of historical information. Letter-writing, origins of words, Latin abbreviations, Latin etymology of English words. PSHE – Non-verbal communication, team work, understanding. Valuing Difference. (The Boy at the Back of the Class). D&T – Instructional writing. <u>Summer</u> PSHE – Valuing Difference (I was a Rat). Science – Animals Including Humans, discussing diet and having a balanced meal.	Geography – Floodlands – effects of flood within a town. Eco- children look at the book Floodlands and climate change. <u>Summer</u> Geography – The Journey to the River Sea –children look at how people live in the Amazon. PSHE- children look at the book called There’s a boy in the girls’ bathroom- which focuses on bullying and exclusion of differences.	Geography - The Explorer set in the Amazon Rainforest which is being studied in Geography. The children use their understanding of what they have learned in Geography to use language describing the climate, weather and animals they are likely to find within their ‘survival’ stories. <u>Spring</u> The Adventures of Odysseus History - Core Text is set in Ancient Greece and is comprised of a rich vocabulary associated within the context of the history. The children use their understanding from their historical understanding of Ancient Greece to produce their own Greek Myth. The study of The Adventures of Odysseus form part of a much larger study of Ancient Greece, which would allow or much more in-depth contextualisation of the stories. Clockwork Maths - Fibonacci Poems. Using the numbers of the Fibonacci sequence to represent syllables in their poetry. Geography - Use maps, atlases, globes and digital/computer mapping to locate countries (Germany) shared within the story to make conclusions on when the story was written (past vs modern day). <u>Summer</u> The Lion and the Unicorn:
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		<i>Growth and change.</i> History - Construct informed responses that involve thoughtful selection and organisation of relevant historical information. Write a ballad about Dick Turpin, write the diary of a Victorian school child. Geography - Reading an Earthquake short story by an Australian primary pupil. Learning about Greek and Roman mythology.		History - The Core Text is set during the Blitz and follows the personal story of an evacuee. Children reflect on the character's experience in the story to how it compares to diary entries and accounts from children who were evacuated within their locality of Bromley. DT - Making Anderson Shelters to represent the lives of people living during the Blitz – used as a stimulus for instructions writing. PSHE - The effects of immigration and evacuation from war. PE – Dance. Lambeth Walk, Charleston, Lindy Hop. History - The Rabbits National Curriculum link – Pupils should be taught about ideas, political power, industry and empire: Britain, 1745-1901 While this sequence touches on the historical events around colonisation The Rabbits is be used as the basis for a much larger investigation of emigration and colonisation in different parts of the world. Geography - Links to 'world in the future' – how have our actions in the past affected the world we see today? Children to reflect and discuss the Geographical changes that have happened to Australia since its colonisation and
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				where this could lead to in the future.
SCIENCE	<u>Autumn</u> English – The Pebble in My Pocket - Rocks Music – vibrations, different dynamics. Maths – data collection and presentation. History – Stone Age - Rocks PSHE – How to keep my body safe – Human Body <u>Spring</u> English – Arthur and the Golden Rope – main characters collects scientific materials (and others). Art – shading (Light) <u>Summer</u> English – The Great Kapok Tree and The Green Ship – animals and humans/how to protect the environment/plants Maths – data collection, interpretation, presentation.	<u>Autumn</u> Music – Vibrations, different dynamics. Dance – Water Cycle Geography – Rivers and The Water Cycle. Maths – Data collection <u>Spring</u> Geography – Rivers and The Water Cycle. English – The Iron Man Materials. PSHE – Keeping Myself Safe. <u>Summer</u> PSHE – Growing and Changing Being My Best Geography – Environment Human Impact. Learning about change of state – melting and solidification of rock (lava, magma). Maths- data collection, interpretation and presentation. History – Mummification processes. Mummifying an object, e.g. an orange	<u>Autumn</u> Geography – local area – Greenwich observatory. Maths – weight, Newtons and mass. Maths – line graph that showing the length of the shadow that sun created. DT- designed and built pulleys and levers. <u>Spring</u> Eco School – investigated how effective the insulation around the school. Waste of heating and energy etc. Maths – Create tables with results. DT- children created insulation boxes and a magnetic accessory for a superhero. <u>Summer</u> PSHE – reproduction of animals and humans.	<u>Autumn</u> RE – Evolution. Creation Story. Theories on the design argument of God as the creator and comparisons between different theories. Geography - Local animals and Amazon animal adaptation comparisons. <u>Spring</u> PSHE - Body Pump. Keeping the body – including the heart – healthy through eating and exercise. Life Bus. Maths - Creating a pie chart to represent components of blood. PE - Healthy bodies. Geography (The Amazon) - Classification based on features of wildlife and plants. Geography (Global Warming and Climate Change) - Effects of human activity on wildlife, adaptation, survival and habits. <u>Summer</u> Computing - Inventing a product which uses electricity to function.
HISTORY	<u>Autumn</u> Art - study and create your own cave painting, create prehistoric pottery, using different tools to create line-focused paintings Science - decomposition focusing on the rate at which different materials decompose and what is left, then relating this to how archaeologists learn about the past.	<u>Autumn</u> English – Marcy and the Riddle of the Sphinx. Our core text is set in Ancient Egypt. When Marcy's father is trapped inside the Sphinx, a fearful young girl must summon her courage to save him. PE – Egyptian Dance Music – Appreciating music from	<u>Autumn</u> Art – writing in runes, making a rune stick, writing illuminated letters DT – making a model of an Anglo-Saxon village English – drama and storytelling, debating Geography – map work, settlements, how physical	<u>Autumn</u> Ancient Maya English (The Rain Player) -Core Text is set in Ancient Maya and is based on an Ancient Mayan legend. The language within the text, as well as the characters (including gods) expose the children to vocabulary which

	English - writing letters, explanations and researching about a topic. <u>Spring</u> Computing - internet use and reliability of information. English - researching information, drama and role play, communicating findings. Geography - map work, settlements, physical geography features related to the location of a community or hill fort. Maths - chronology, an introduction to negative numbers through BC and AD. RE - burial practices. <u>Summer</u> Art - creative work responding to the locality, art in the style of a local artist Design and Technology - designing and making items for the campaign, models of buildings or sites of particular significance English - letter-writing, blogs, social media campaigns Geography - map work, routes, locality, physical and human geography and changes in recent memory	the Egyptian era. Art – Hieroglyphics. Making Pottery (shape form and colour) D&T - Making your own papyrus, investigating pyramid construction, making models of a shaduf. English - Researching information about Ancient Egypt, writing a diary or newspaper account. Geography - Physical characteristics and climate, using maps, agriculture. Exploring the history and changes along Historic Route 66. Maths - Timelines RE - Understanding and comparing beliefs, gods and afterlife. Science - Mummification processes – mummifying an object, e.g. an orange <u>Spring</u> English and PSHE - Construct informed responses that involve the thoughtful selection and organisation of historical information. PSHE – Rights and Responsibilities. RE – Good and Bad in the world. Art - Studying and creating Roman mosaics, Roman architecture, creating props for the Big Finish. Computing – Researching D&T - Creating models of Roman roads, aqueducts, catapults (trebuchet), writing tablets etc., designing coins, creating	geography impacted settlements PSHE/Citizenship – making informed, responsible choices RE – exploring different beliefs, burial practices Science – how to select materials for a certain job, including weaponry, housing and jewellery <u>Spring</u> English – writing kennings, news report of a Viking raid, discussion and debate around the significance of events or individuals, mythology and legend around Sagas DT – investigate Vikings as craftsmen – design a Viking brooch (based on the Pitney brooch), research Viking diet and plan a Viking feast Geography – map work, migration settlements (Viking place names) <u>Summer</u> DT – design and build an Elizabethan ship English – write a poem about one of the journeys studied Geography – map work, comparing countries around the world to identify similarity and difference related to push and pull factors PSHE – to have a better understanding of the nature of migration, collaboration, kindness, discrimination, fairness in the modern world	would have been used by the Ancient Mayan People. Maths - Place Value: History (Ancient Maya): Timelines and Key Dates linking with negative numbers. Maths - Venn Diagrams to present data: links to history to present past and present as well as similarities and differences between societies to ensure long-term memory. <u>Spring</u> Ancient Greece English - (The Adventures of Odysseus): Core Text is set in Ancient Greece and is comprised of a rich vocabulary associated within the context of the history. The children use their understanding from their historical understanding of Ancient Greece to produce their own Greek Myth. English - Drama and theatre workshop of the story of Perseus and Medusa. Maths - Venn Diagrams to present data: links to history to present past and present as well as similarities and differences between societies to ensure long-term memory (modern and ancient Olympic games). Art - Links to Greek Pots and drawing skills. DT - Looking at the legacy in terms of Ancient Greek architecture. Finding examples within our locality (London – British Museum, Queen’s Palace Greenwich, National Gallery). Geography - Map skills, locating
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		props for the Big Finish English - Letter-writing, origins of words, Latin abbreviations, Latin etymology of English words. Geography - Researching Roman place names, map work, routes, transport systems. Research historic river towns and river crossings/bridges. Maths - Investigating Roman numerals, the Roman calendar. <u>Summer</u> English – I was a Rat Valuing difference. Establishing clear narratives over periods of study. Related books for wider reading: Street Child by Berlie Doherty • Oliver Twist by Charles Dickens • Suffragettes – Their fight for the vote! by Claire Throp English/PSHE - Construct informed responses that involve thoughtful selection and organisation of relevant historical information. Art - Make a wanted poster for Dick Turpin using old techniques, e.g. printing blocks. English - Write a ballad about Dick Turpin, write the diary of a Victorian school child. Maths - Statistics PSHE - Equality, citizenship, rules and laws, doing the right thing, British values.		Ancient and Modern Greece. Comparing the landscapes of London and Greece. Citizenship - Birth of Democracy and found examples within our country and school. RE - Polytheism within Ancient Greece: exploring why they believed in many gods. Comparisons to previously studied civilisations and other world religions. PE - Olympic games – comparisons to now and then. <u>Summer</u> Impact of War English - The Core Text is set during the Blitz and follows the personal story of an evacuee. Children reflect on the character's experience in the story to how it compares to diary entries and accounts from children who were evacuated within their locality of Bromley. Maths – Rationing. Fractions of amounts / ration and proportion. Design Technology - Making Anderson Shelters to represent the lives of people living during the Blitz. Used as a stimulus for instructions writing. PSHE - The effects of immigration and evacuation from war. Indoor PE – Dance. Lambeth Walk, Charleston, Lindy Hop. Geography - Mapwork of countries involved in both world war. Topography of trenches and battlefields.
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GEOGRAPHY

				Computing - Bletchley Park and Alan Turning. Art - Make My Voice Heard: Picasso's own expression of War. RE - Just War.
	<u>Autumn</u> English – reading factual information and answering written questions. Maths – temperature and negative numbers. Science – plants and animals habitats. Art – creating an information poster/leaflet. <u>Spring</u> English - writing text for a picture book, or to recount as a story without words (eg Istvan Banyai's 'Zoom' in Week 2); listening to how John Harrison solved the problem of longitude. Maths - learning about scale (Week 2), direction and compass points (Weeks 1–6); learning about properties of a sphere (Weeks 1–4); time and the 24-hour clock (Weeks 3 and 4); angles (Week 2). Science - seeing the Earth from space (Weeks 2–4), our solar or planetary system. Art & Design - making a papier-mâché globe (before and throughout the unit); making a 'world map' (Weeks 2–6). Computing - Use of Google™ Earth; preparing Index for 'World map'(Week 6). Design & Technology - making a papier-mâché globe (before and	<u>Autumn</u> English – Making notes, annotating and communicating findings. Art and Design – Learning about photos and paintings of dramatic landscapes. Computing – Using Google Earth maps and satellite images. Using search engines to research American cities. Music – Singing 'I've been Everywhere' and 'Route 66'. Opportunity to create a geographical song or rap about North or South America. History – Exploring the history and changes along Historic Route 66. <u>Spring</u> Science – Water Cycle Identify the parts played by precipitation, evaporation and condensation. Learn about solids and liquids. Learn about forces/gravity. English – River and Mountain stories/poems. Maths - Learning about timing and measurement of water flow. History – Research historic river towns and river crossings/bridges. Art and Design – Learn about river paintings. Music – Listen to classical music related to rivers. PE – Perform a waltz and other	<u>Autumn</u> Eco School – sustainable options for West Wickham for the future. Art – make a collage of their local area to document how the area has changed over time. English- creating a presentation on sustainable development, writing a magazine article on change in the local area. Computing- researching facts on the UK. History- learning about regional effects of the Second world war and understanding that change is continual. PE- learning about planning for the 2012 Olympic and Paralympic games. <u>Spring</u> English: writing discussion texts on tourism in the Alps (Week 4); non-chronological report writing (Week 6). Science: learning about forces and friction in mountain formation (Week 2). Art & Design: modelling the Alps in 3-D (Week 2); designing local and Alpine houses (Week 3); designing an eco-resort (Week 4); modelling avalanche management, simulating an avalanche (Week 5). Computing: creating a digital book with photos and captions on mountain formation (Week 2);	<u>Autumn</u> South America – The Amazon English - Core Text is set in the Amazon Rainforest which is being studied in Geography. The children use their understanding of what they have learned in Geography to use language describing the climate, weather and animals they are likely to find within their 'survival' stories. Maths - Negative Numbers: Geography (The Amazon): Comparing temperatures in London and Manaus (Brazil). PSHE - Valuing Differences Should Indigenous cultures experience modernity? Science - Local animals and Amazon animal adaptation comparisons. <u>Spring</u> Protecting the Environment PSHE - Rights and Responsibilities. <u>Summer</u> Our World in The Future English - How have our actions in the past affected the world we see today? Children to reflect and discuss the Geographical changes that have happened to Australia since its colonisation and where this could lead to in

	throughout the unit); making a 'world map' (Weeks 2–6). <u>Summer</u> English - developing vocabulary; using descriptive language; using persuasive writing; reporting; labeling, annotating and writing succinctly (a postcard); giving and justifying opinions; presenting and argument. Science - learning about beach, cliff and sea habitats; forces (bridges); identifying and naming animals in a marine environment (rock pools); fossils; the variety of rock types, especially by colour; recognize that environments change. Art & Design - drawing picture postcards; designing and creating posters and presentations to promote a coastal location; designing and making a classroom display; modelling a rock pool. Computing - using Google™ Earth to explore the world. PE, Dance - movement to reflect the tides, set to music.	river inspired dances. RE – Sacred rivers. <u>Summer</u> English – Reading an Earthquake short story by an Australian primary pupil. Learning about Greek and Roman mythology. Maths – Learning about temperature and earthquake scales. Science – Human Impact. Learning about change of state – melting and solidification of rock (lava, magma). Art – Create own paintings and a working model of a volcano. History – Researching famous volcanic eruptions of the past.	creating mobile apps to inform tourists about the Alpine region, and their own area (Week 6). Modern Foreign Languages: French, German and Italian are spoken in the countries studied. <u>Summer</u> English: compiling a leaflet explaining clothing production, with advice on ethical consumerism (Week 3); scripting a documentary discussing issues involved in buying locally produced versus imported products (Week 5); writing an adventure story on the journey of a product (Week 6). Mathematics: creating a frequency chart and bar graph showing countries of origin for products at home (Week 1); handling data to create tables, graphs and charts (Week 4); calculating food miles (Week 5). Science: learning about seasons, the life cycle of plants and seed dispersal (Week 2). Art & Design: drawing and annotating: school uniform (Week 1); fruits and their origins (Week 2). History: discussing exploration and trade, with a particular link to Tudor times (Week 2).	the future. Maths - Statistics: Geography (Our World in the Future): Sample survey from local residents to determine need for local amenities. Maths + Art - Geometry and Properties of Shapes - Measuring and drawing streets of the future (using a variety of perspective and 3D impressions). Computing - Inventing a product for the future.
MFL	<u>Autumn:</u> Maths – Counting and adding numbers up to 10. English – Using concepts of nouns and verbs. Art – Designing a poster representing the countries where	<u>Autumn</u> Maths – Time English – Using a French Dictionary English – Write a letter in French. <u>Spring</u>	<u>Autumn</u> Maths – numbers and how to say the time in French. Music – Learning greetings and number songs. English – Using a French	<u>Autumn</u> Geography – links to travel and other French speaking countries. Types of holidays. Where in the world is France (map work)? <u>Spring</u>

	French is the first language. Music – Learning greetings songs. <u>Spring</u> History – Countries colonised by the French. Geography – regions of France. Music – Learning number songs. RE – Easter vocabulary. Easter traditions. Science – pets and animals. Maths – Counting and adding numbers up to 20. <u>Summer</u> Art – colours, famous French artists. Science – Animals Maths – Counting and adding numbers up to 20. English – writing descriptive sentences and translating French – English – French.	Geography – Environmental regions in France. Music – Learning the birthday song. RE – Easter vocabulary. Easter traditions. <u>Summer</u> Geography – French cities. Science – Animals	Dictionary <u>Spring</u> Citizenship – homes in France, family structures. <u>Summer</u> PE – different sports in French. English – read French literature.	D.T. - Come Dine with me. Healthy and sustainable food choices. Science - Body Pump. Keeping our bodies healthy. PSHE - Keeping myself safe. Healthy choices. <u>Summer</u> Music – Appraising contemporary and classical French songs.
RE	<u>Autumn</u> Art – design artwork to show religious features. English – diary entry. History – we learn about how the religions started. <u>Spring</u> English – recount of a special visit Maths – creating tables and graphs to showcase the sacred building the children in the class have been to. Geography – exploring the places where each religion is based.	<u>Autumn</u> PSHE – Morality and making the right choice. Geography – Repairing the world. Art – 613 Mitzvah Created Murals (Archie Rand) British Values – Right and Wrong, Rule of Law, Individual Liberty. Citizenship – Mutual Respect, Tolerance, Diversity. History – Religion (Romans) <u>Spring</u> PSHE Making the right choices,	<u>Autumn</u> History – different religious stories. PSHE- Moral dilemmas and differences between people. <u>Spring</u> Maths – create the Kabah using a cube net. <u>Summer</u> Citizenship – British values within Christianity.	<u>Autumn</u> History - Ancient Maya religion and sacrifice. <u>Spring</u> History- Ancient Greece religion and sacrifice. Science - Creation Story. Theories on the design argument of God as the creator and comparisons between different theories. <u>Summer</u> Maths - Class survey for views on ‘Just War’. History - Impact of war – Just

PSHE

	<u>Summer</u> English – designing a leaflet to showcase particular religions. Art – creating posters to demonstrate their understanding of different religions. PSHE – learn to accept different cultural and religions. BV – linking to tolerance of different faiths and beliefs.	PSHE – Keeping Myself Safe. British Values – Right and Wrong, Rule of Law, Individual Liberty. Citizenship – Mutual Respect, Tolerance, Diversity. <u>Summer</u> Geography – Natural disasters British Values – Right and Wrong, Rule of Law, Individual Liberty. Citizenship – Mutual Respect, Tolerance, Diversity.		War.
	<u>Spring</u> Science - Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. Computing - Use technology safely, respectfully and responsibly. Recognise acceptable/unacceptable behaviour. Maths - Add and subtract amounts of money to give change. Using £ and p in practical contexts. <u>Summer</u> English - Plan their writing identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own. Science - Pupils research different food groups and how they keep us healthy and design	<u>Autumn</u> English – Risk taking Relationships with siblings and valuing differences RE - Morality and making the right choice. PE – Relationships with others. Valuing Differences Rules <u>Spring</u> RE-Thinking about what is good and bad in the world. D&T – Food Safety. <u>Summer</u> RE – Knowing the difference between right and wrong. Making the right choices. Science – Animals Including Humans. Art – David Hockney. Relationships in Art.	<u>Autumn</u> Citizenship – accepting others and diversity. RE - Morality and making the right choice. <u>Spring</u> RE – Knowing the difference between right and wrong. <u>Summer</u> Science – Growing and Changing Keeping the body – including the heart – healthy through eating and exercise. Life Bus.	<u>Autumn</u> Geography - Should Indigenous cultures experience modernity? History - The effects of immigration and evacuation from war. <u>Spring</u> MFL – Healthy and unhealthy foods. Maths - Venn Diagrams: Keeping safe – legal and illegal / medical and non-medical. <u>Summer</u> Science - Body Bump: Keeping the body – including the heart – healthy through eating and exercise. Life Bus.

	meals based on what they find out.			
COMPUTING	<u>Autumn</u> English – research of facts, dyslexia friendly tool. Geography/History – QRcodes for challenges. Presentation of learning. BV – pupil voice. <u>Spring</u> Maths – pupil survey English – research and collaborative learning. <u>Summer</u> English – research on Chico Mendes. History – recording of tasks using videos and pictures.	<u>Autumn</u> PSHE – Collaborative Learning PE – Team work Geography - Using Google Earth maps and satellite images. Using search engines to research American cities. <u>Spring</u> Science – States of Matter French – Weather PE – Water Cycle Dance History - Researching Roman place names, map work, routes, transport systems. <u>Summer</u> PSHE – Keeping Myself Safe	<u>Autumn</u> Music – Scratch tinkering <u>Spring</u> Citizenship – Facts about Boris Johnson. Science – Mars rover, radio waves PSHE – Keeping Myself Safe Maths-children have to code and input data as well as complete binary code. <u>Summer</u> History-children look at the History of the Mars Rover	<u>Autumn</u> PSHE – Keeping myself safe. Internet Safety. History - Bletchley Park and Alan Turning. <u>Spring</u> PSHE - Internet safety week. <u>Summer</u> Art - Photography. Editing and image manipulation. Geography - Inventing a product for the future. Science - Electricity. Inventing a product which uses electricity to function
ART	<u>Autumn</u> Science – sketching plants and animals History – learning about styles of expressive art throughout the centuries (Stone, Bronze and Iron Ages) <u>Spring</u> English – writing reflections of their work. Maths – shapes, measurement, using a ruler. Geography – drawing landscapes and coasts. <u>Summer</u> History – cave painting (pre-historic art).	<u>Autumn</u> RE – 613 Mitzvah Created Murals (Archie Rand) Maths – Shape and Orientation. History – Sculptures, canopic jars. Paints out of hieroglyphics. Geography - Learning about photos and paintings of dramatic landscapes. <u>Spring</u> English - Design own space creature, experimenting with different techniques. History – Sketching throughout time. Using different media. Well being and Mindfulness – Nature/Shadows. Geography - Learn about river paintings.	<u>Autumn</u> Maths – accurately draw images of perspective drawings. <u>Spring</u> Science – properties of materials. Discussed what properties of paper mâché is effective for puppet making. DT - Final completed project requires DT and Art components (head – sculpture and body – textiles) <u>Summer</u>	<u>Autumn</u> Maths and Geography - Geometry and Properties of Shapes: Measuring and drawing streets of the future (using a variety of perspective and 3D impressions). History - Links to Greek Pots and drawing skills. <u>Spring</u> History - Picasso's own expression of War. <u>Summer</u> Computing - Photography. Editing and image manipulation.

PE

		<u>Summer</u> D&T – Combined with art to create volcanoes. Computing – Photography. PSHE – David Hockney Me and My Relationships. Relationships shown in Art.		
	<u>Autumn</u> English – writing a reflection of their learning journey. PSHE – valuing differences. <u>Spring</u> Music – choosing a piece of music that reflects the movements they create. Geography – moves inspired by natural disasters. <u>Summer</u> PSHE – Growing and Changing and being healthy.	<u>Autumn</u> PSHE – Me and My Relationships Valuing Differences Rules RE – Knowing what is right and wrong in sports. PSHE – Rights and Responsibilities. English - Understand rules and apply them to game situations. Key vocabulary. British Values – Rule of Law Citizenship – Mutual Respect and Tolerance. Cultural Capital – Diversity in sport. Challenging stereotypes. <u>Spring</u> Science – Water Cycle (States of Matter) Geography – Rivers and The Water Cycle. Perform a waltz and other river inspired dances. Music – Water Cycle Dance Maths – Counting beats. British Values – Democracy. Cultural Capital – Diversity in sport. Challenging stereotypes. PSHE – Dance. Being Healthy. <u>Summer</u> PSHE – Growing and Changing Being My Best	<u>Autumn</u> English – Learning of key vocabulary – Opposition, consecutive, conceding, defending, technique Understand and follow instructions Understand rules and apply them to game situations when playing and refereeing Communicating tactics and discussing what made them and their team successful. Maths – Adding points in the tournament to work out their overall placing Creating areas sets distances apart. <u>Spring</u> English – Learning of key vocabulary- stimulus, dynamics, formations, unison, relationship, phrase Understand and follow instructions Communication with a partner and group to express an idea Forming opinions and structuring verbal feedback. Maths – Counting to stay in time with music and a group. Using distances to create accurate formations. Music – Expressing an understanding of rhythm through	<u>Autumn</u> Science - Healthy bodies. <u>Spring</u> Science – heart rate, respiration and circulatory system. Delivery of oxygen to muscles. Music - Dance and music from the 40's. 50s and 60s. History – Dance styles and origins. Changes in social thinking. Links to WW2. English – The Lion and The Unicorn era. Lambeth Walk, Charleston, Lindy Hop. <u>Summer</u> History - Olympic games. Comparisons to now and then.

		Supporting each other. Target setting. Water safety. Maths – Timing activities. Distance, measurements. Data. Science – Balanced diet. Four main food groups. Citizenship – Democracy Cultural Capital – Diversity in sport. Challenging stereotypes.	movement. Counting music to create movement. <u>Summer</u> English – Learning of key vocabulary – Opponent, consecutive, forehand, backhand, technique, accuracy. Understand and follow instructions. Understand rules and apply them to game situations when playing and umpiring Communicating tactics and discussing what made them and their team successful. Maths – Creating areas sets distances apart	
ECO-SCHOOL	<u>Autumn</u> Science – Rocks, exploring geology. Animals including humans <u>Spring</u> PE- natural disaster themed dance. <u>Summer</u> Science– Plants, How does my garden grow English – The Great Kapock Tree The Green Ship. Both books are used to explore environmental issues.	<u>Autumn</u> RE – Judaism Repairing the world <u>Spring</u> Science – Animals Including Humans RE- Why does there have to be good and bad? <u>Summer</u> Geography – Human Impact Science – Living things and their Habitats	<u>Autumn</u> DT – making electrical circuits and saving energy. Citizenship – how to keep and be healthy. <u>Spring</u> Art – using recycled materials to create puppets. Science – Earth Day – the chance to speak to a marine conservationist. English- children will be looking at 'Greta and the Giant'. <u>Summer</u> Science – Living things and their Habitats	<u>Autumn</u> Geography – The Amazon. Why should we protect the Amazon? <u>Spring</u> Geography – Topic. Protecting the environment. Science - Nature Library. <u>Summer</u> Geography – Topic. Our world in the future. Science - Danger! Low Voltage. Electricity.
MUSIC	<u>Autumn</u> French – songs used throughout the year to reinforce new vocabulary. Maths – counting the beats.	<u>Autumn</u> Science – Sound English – Circus themed dancing and appraisal (Leon and The Place Between) History – Cultural, 80s music	<u>Autumn</u> History – different composers and artists. <u>Spring</u> Citizenship – Opportunity to look	<u>Autumn</u> English – appraising and comparing using the language of comparison and evidence. <u>Spring</u>

	<u>Spring</u> PE- natural disaster themed dance. Maths – counting songs used throughout the year. <u>Summer</u>	appreciation Maths – Counting the beat Geography – Singing ‘I’ve been Everywhere’ and ‘Route 66’. Opportunity to create a geographical song or rap about North or South America. <u>Spring</u> PSHE – Bullying PSHE – Growing and Changing RE- Right and Wrong RE- Good Samaritan Dance – Movement Maths – Counting the beat Geography - Listen to classical music related to rivers. <u>Summer</u> PSHE – Valuing difference of opinions Maths – Counting the beat.	at British artists. <u>Summer</u> Maths – Counting the pulse.	PE - Dance and music from the 40’s. 50s and 60s. <u>Summer</u> English - Music. The Lion and The Unicorn 40s, 50s and 60s music.
	<u>Autumn</u> Maths – 2D, 3D shapes and measurement. Art – colouring the shapes and design/tone and textures. <u>Spring</u> Maths – measurement for cooking. Science – healthy eating, food, animals and plants. English – writing an evaluation of their final product. <u>Summer</u> Maths – 2 and 3D shapes. Patterns. Art – choosing and understanding tones and shades of colours.	<u>Autumn</u> Maths - Budgeting and adapting a recipe. 3D shapes when designing nets/packages. Measurement and conversion. Geography – Looking at real life pavilions in different countries. Fair trade. English – Instructional writing. PSHE – Food safety and hygiene. . <u>Spring</u> Maths – Money English – Instructional Writing Maths – Decimals. Computing – Mindfulness timers. Well Being and Mindfulness – Sparkling meditation.	<u>Autumn</u> Science – circuits to make an electronic greeting card. History – Sir Roland Hill and the history of stamps. <u>Spring</u> Art – Final completed project requires DT and Art components (head – sculpture and body – textiles) <u>Summer</u> Maths- children make food using different units of measurements such as grams and kilograms.	<u>Autumn</u> Science – properties of materials. English – evaluation and annotation of the process and the final product. <u>Spring</u> Maths - Ratio and Proportion. Used to calculate amounts of ingredients for meal preparation. Capacity and volume. Used to calculate amounts for ingredients. Measurement. Used to calculate amounts for ingredients. History - Looking at the legacy in terms of Ancient Greek architecture. Finding examples within our locality (London – British Museum, Queen’s Palace Greenwich, National Gallery).

		<u>Summer</u> Maths – Measurement Length and Perimeter Properties of shape. Geography - Looking at real life pavilions in different countries. Measurement and shape. Local area.		MFL - Healthy and sustainable food choices. <u>Summer</u> English - Making Anderson Shelters to represent the lives of people living during the Blitz – used as a stimulus for instructions writing.
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