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| Pirton Hill Primary School |
| Year 6 Curriculum Intent |

| Autumn Term | | Spring Term | | Summer Term | |
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| Theme: | It's all Greek to me | Theme: | Rivers and the Water Cycle | Theme: | Mighty Mayans / Yes Minister |
| Values: | Responsibility and Respect | Values: | Readiness and Resilience | Values: | Aspirations and Appreciation |
| Visit / Visitor / Hook | Greek Olympics | Visit / Visitor / Hook | Immersive space - river theme/ Trip to source of River Lea (Sundon) | Visit / Visitor / Hook | Making Mayan Jewellery |
| Focus of Year Group Wow | Taste Greek Food | Focus of Year Group Wow | Affinity Water visit | Focus of Year Group Wow | Cadbury's Chocolate World |
| Contribution to w/sch wow | Poetry / Water Colours (Remembrance) Songs for Harvest and Christmas | Contribution to w/sch wow | World Book Day | Contribution to w/sch | Summer Fayre |

| Progression of Skills and Knowledge (Termly) | | |
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| Autumn Term | Spring Term | Summer Term |
| Reading: <ul style="list-style-type: none"> Apply growing knowledge of roots words, prefixes and suffixes both to read aloud and to understand the meaning of new words Discussing understanding and exploring the meaning of words in context Distinguish between statements of facts and opinions Identify how language, structure and presentation contribute to meaning Summarise the main ideas, drawn from more than one paragraph, identifying key details, that support the main ideas | Reading: <ul style="list-style-type: none"> Explain and discuss their understanding of what they have read, including through informal presentations and debates Retrieve, record and present information from non –fiction Making comparisons within and across books Predicting what might happen from details stated and implied Drawing inferences such as characters' feelings, thoughts and motives from their actions, and justifying these with evidence Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader | Reading: <ul style="list-style-type: none"> Participate in discussions about books, building on own and others ideas and challenging views courteously Identify and discuss themes and conventions in and across a wide range of writing |
| Writing: <ul style="list-style-type: none"> Use of the colon to introduce a list and use of semi-colon within lists The use of active and passive voice How hyphens can be used to avoid ambiguity Linking ideas across paragraphs using a wider range of cohesive devices: ellipsis Bullet points | Writing: <ul style="list-style-type: none"> Use of the semi-colon, colon and dash to mark the boundary between independent clauses Subjunctive form Linking ideas across paragraphs using a wider range of cohesive devices: adverbials Synonyms and antonyms | Writing: <ul style="list-style-type: none"> Linking ideas across paragraphs using a wider range of cohesive devices: repetition Securing all skills from Autumn and Spring |
| Maths: <ul style="list-style-type: none"> Place Value: Numbers to ten million Number: Four Rules: Up to 4-digits by 2 digits Fractions: Comparing, ordering (more than 1), adding, subtracting, multiplying & dividing, use common factors / multiples to simplify Geometry: Reading and plotting co-ordinates, translations and reflections in all 4 quadrants | Maths: <ul style="list-style-type: none"> Decimals: 3DP, multiplying & dividing decimals, multiplying and dividing by 10, 100 and 1000 and integers (to 2DP) Number: Percentages: Fractions to percentages, Equivalents, percentages of amounts, Algebra: Finding and using rules, substitution, formulae, solving up to two-step equations, enumerate possibilities Measures: Converting units: Metric measures, converting metric measures, miles and kms, imperial measures to 3DP Area and Volume: shapes – area of a triangle & parallelogram, volume counting cubes, calculate volume of a cuboid | Maths: <ul style="list-style-type: none"> Geometry: Property of Shape: calculate missing angles (inc. triangles and quadrilaterals), recognised vertically opposite angles, angles in regular polygons, draw nets, parts of a circle Statistics: Read and interpret pie charts; Pie charts with percentages; Draw pie charts; Mean as an average |

| Autumn Term | Spring Term | Summer Term |
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|  <ul style="list-style-type: none"> Explain how voltage affects the output. Use the correct symbols for drawing circuits. Conduct an investigation involving changing different variables. Conclude and evaluate the investigation and share findings |  <ul style="list-style-type: none"> Describe how fossils can be used to show that living things have changed over time. Describe how offspring vary from their parents. Identify how plants and animals are adapted to their environment linked to evolution. Discuss two sides of a scientific argument. |  <ul style="list-style-type: none"> Describe the function of and identify the parts of circulatory system. Describe how nutrients and water move through the body. Discuss how diet, exercise and drugs affect the body. Plan, carry out and evaluate experiments linked to the heart rate. |
|  <ul style="list-style-type: none"> Explain how light travels. Explain why we need light to see objects. Explain how the eye uses light to produce vision. Plan experiments that involve controlling different variables. |  <ul style="list-style-type: none"> Group living things based on their characteristics. Recognise similarities and differences between plants, animals and micro-organisms. Justify reasons for grouping living things. Report and present findings in a variety of ways. |  <ul style="list-style-type: none"> Investigate the safe use of mobile technology including GPS Capture images, audio and video Source digital material safely and responsibly Contribute to large collaborative projects using online tools |
|  <ul style="list-style-type: none"> Design and programme a text based adventure game Evaluate and debug computer code (python) Explain how simple algorithms work Understand common algorithms for sorting and searching |  <ul style="list-style-type: none"> Investigate charities using digital media Shoot, edit and produce a video advert Identify the basic hardware needed for computer networks to work Describe how domain addresses are converted to IP addresses |  <ul style="list-style-type: none"> Identify settlements of the Mayan society. Compare the timelines of Mayan and English History. Describe and compare Mayan daily life to English daily life. Investigate the accuracy of historical sources. |
|  <ul style="list-style-type: none"> State four things the Greeks invented. Compare the life of an ancient Greek to modern Britain. Evaluate the reliability of primary and secondary sources. Retell a famous Greek myth. |  <ul style="list-style-type: none"> Describe key features of physical and human geography. Describe the features of the water cycle. Name and locate rivers and cities within the UK. Investigate local human and physical geography. |  <ul style="list-style-type: none"> Explain the history and methods of famous chocolatiers. Research and design a unique chocolate bar. Prepare a dish using chocolate as an ingredient. Make, design and evaluate packaging for a chocolate based product. |
|  <ul style="list-style-type: none"> Investigate and analyse a range of products. Apply computer programming to make working products. Evaluate the final product and suggests ideas for further development. |  <ul style="list-style-type: none"> Describe the life and work of Andy Warhol. Record observations and notes about Warhol's work in their sketchbooks. Demonstrate screen printing techniques. Design and create a print in the style of Warhol. | |

| Progression of Skills and Knowledge (Annual) | | |
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|  <ul style="list-style-type: none"> Describe different classroom objects. State the different colours in French Use simple adjectives to describe everyday items. Order food in French. |  <ul style="list-style-type: none"> Develop singing to include major and minor patters, echoes, coordination and rhythm skills Change vocal tone to reflect mood and style Understand the effect of changing harmonies Perform complex songs confidently and interpret a graphic score |  <ul style="list-style-type: none"> Know the difference between legal and illegal drugs. Describe the main changes that occur at puberty. Identify how negative peer pressure can impact health and wellbeing Explain the range of different jobs and how people can save money. |
|  <ul style="list-style-type: none"> Explore dance and movement ideas imaginatively, including actions, dynamics, space and relationship with fluency and control Dribble effectively around obstacles / opponents Bowl underarm accurately Bat effectively, using different types of shot Throw over arm with accuracy and for a good distance |  <ul style="list-style-type: none"> Comparison of places of religious significance: Vatican, Mecca, Ganges, Jerusalem. Can the idea of an ideal human exist – saints? Why do people believe in God, do they need to believe in God? The Big Bang, the Theory of Evolution, theories for the start of the world. Social justice in faiths. The healing power of nature from a religious perspective. | |