

| YEAR 4             |   |  |   |   |  |   |
|--------------------|---|--|---|---|--|---|
| Core Subjects:     |   |  |   |   |  |   |
| English            | <b>PLayscripts and Story Writing</b><br>Sentence punctuation, description, fronted adverbials, speech marks   | <b>Persuasive Leaflet and Poetry</b><br>Apostrophes, fronted adverbials, noun phrases, similes.  | <b>Narrative Verse and Formal Letters</b><br>Rhyming couplets, commas for fronted adverbials, effective vocabulary choice.  | <b>Newspapers and Diaries</b><br>Quotations, bias, sensationalism and alliteration, connectives.  | <b>Explanations and Stories from another Culture</b><br>Modal verbs, main clause and dependent clause, determiners.  | <b>Instructions and Recount</b><br>Description, nouns and pronouns  |
| <b>Mathematics</b> | <b>Shape, Data and measures:</b> Draw circles with different radii, describe, name and sort 2D and 3D shapes. Describe, name and sort triangles. Use Venn diagrams or Carroll diagrams to sort shapes. Recognise and compare acute and obtuse angles and angles of 90 degrees; compare and classify triangles and quadrilaterals, based on properties including types of angles.<br><b>Number:</b> Place value, number sequences, ordering and comparing numbers, use greater than/less than symbols, addition with partitioning, subtraction by counting on. | <b>Shape, Data and measures:</b> Tell the time to the nearest minute; use analogue, digital and Roman numeral clocks; use am and pm times appropriately; convert units of time, work out time intervals crossing the hour, collect data and organise into bar charts and pictograms. Decimals; know what each digit stands for in numbers with 2 decimal places; multiply and divide by 10 and 100.<br><b>Number:</b> Doubling and halving/ mental methods, multiplication – written and mental methods. | <b>Shape, Data and measures:</b> Measure lengths in m, cm and mm, convert between km, m, cm and mm, measure weight in kg and g to one decimal place, convert between kg and g, ml and l and make sensible estimations. Identify equivalent fractions. Reduce fractions to their simplest form; Identify equivalent fractions and decimals (1/10s and 1/2s); Add and subtract fractions with the same denominators.<br><b>Number:</b> Multiplication and division by 10/100, decimal place value, addition and subtraction with decimals, worded problems involving money. | <b>Shape, Data and measures:</b> Find area of rectilinear shapes by counting squares; find perimeter of rectilinear shapes in cm by counting; calculate perimeter in cm and m of rectangles; use co-ordinates in the first quadrant and join to draw posited polygons.<br><b>Number:</b> Rounding numbers to the nearest 10/100/1000, rounding decimals to the nearest whole number, negative numbers, multiplication worded problems, times tables | <b>Shape, Data and measures:</b> Read and tell the time to nearest minute on digital and analogue clocks, Use am, pm, 12-hour clock notation, and 24-hour time. Work out time intervals crossing the hour. Read and work out questions from simple timetables. Read and plot co-ordinates in the first quadrant; Complete polygons by giving missing point; Translate shapes.<br><b>Number:</b> Factors and commutativity, Revision of column subtraction, choosing appropriate functions and methods to solve number and worded problems. Revision of rounding. | <b>Shape, Data and measures:</b> Complete shapes with respect to a line of symmetry. Read the 24-hour clock converting times to am and pm, both digital and analogue formats; find time intervals using 24-hour clock; read, interpret and describe a time graph; draw a time graph; convert between units of time.<br><b>Number:</b> Two step problems, estimating, using times tables for division and worded problems, recognising when to use rounding and adjusting. |
| <b>Science</b>     | States of Matter<br>Investigating solids, liquids and gases<br>The Water Cycle  | Electricity<br>Safety<br>Making circuits   | Sound<br>Investigating how sound travels<br>Pitch and volume  | Teeth and Digestion<br>What happens to our food?<br>How to keep our teeth and stomach healthy.  | Living things in their environment<br>Food chains  | Living things<br>Climate change<br>Recycling  |
| <b>Computing</b>   | Scripted animation  | PPT interactive stories with choices and hyperlinks  | Kids SMART  | Search – Maths Quiz   | Control Tech and Computer Science unplugged part 1   | Evaluating Digital content  |

| <b>Foundation Subjects:</b>    |  |                                  |   |   |  |                                      |
|--------------------------------|--|----------------------------------|---|---|--|--------------------------------------|
| <b>Religious Education</b>     | Christianity/Hinduism<br>Art and religion  | Christianity/Hinduism<br>Worship | Christianity<br>Pilgrimage                            | Christianity<br>Lent/Giving up things.  | Christianity<br>Miracles               | Christianity<br>Importance of Prayer |
| <b>History</b>                 | Ancient Greece – Timeline and Research   |                                  | Anglo Saxons – Timeline and Research                  |   | Local History – Resources and Evidence |                                      |
| <b>Geography</b>               | Features – Volcanoes, Earthquakes, Rivers, Mountains, Water Cycle                      |                                  |   | UK – Geographical regions, Counties, topographical features (Hills, Mountains and Rivers) |  |                                      |
| <b>Art</b>                     | Sculpture  | Painting – colour and line       | Drawing and Collage                                   | Painting - Colour   | Sculpture                              | Drawing Architecture                 |
| <b>Design &amp; Technology</b> | Vehicles/Sculpture   |                                  | Purses (sewing and textiles)                          |   | Great Clewer Bake Off                  |                                      |
| <b>French</b>                  | Je parle français  | Je me presente                   | En famille  | Les vêtements   | Mon anniversaire                       | Moi et mon école                     |
| <b>Physical Education</b>      | Netball<br>Gym / Swimming  | Dance<br>Gym / Swimming          | Benchball<br>Dance / Football                         | Tennis<br>OAA   | Cricket<br>Hockey                      | Athletics Rounders                   |
| <b>Music</b>                   | Berkshire Maestros – playing trumpets and Pbones, composing, rhythm and reading music. |                                  |   |   |  |                                      |
| <b>PHSE</b>                    | 1. Communication<br>2. Working together<br>3. Decisions                                | 4. Animals<br>5. The police      | 6. The world we live in<br>7. Our school<br>8. Rights | 9. Rules and laws<br>10. Respect<br>11. Local democracy                                   | 12. The media<br>13. At risk           | 14. Drugs<br>15. Bullying            |
| <b>Food Technology</b>         | Savoury snacks c.f. History/Ancient Greece   |                                  |   | Savoury snacks c.f. History/Anglo Saxons  |  |                                      |