**Curriculum Overview**

**Willow Class Autumn Term 2018 Fire! Fire!**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| colouredNCbackground.png  **Reading**   * Apply knowledge of morphology & etymology when reading new words * Reading & discuss a broad range of genres & texts * Identifying & discussing themes * Retrieve & present information from non-fiction texts. * Read a broad range of genres * Recommend books to others * Make comparisons within/across books * Support inferences with evidence * Summarising key points from texts * Identify how language, structure, etc. contribute to meaning * Discuss use of language, inc. figurative * Discuss & explain reading, providing reasoned justifications for views | **English**  **Writing**   * Secure spelling, inc. homophones, prefixes, silent letters, etc. * Use a thesaurus * Legible, fluent handwriting * Use organisational & presentational features * Use knowledge of morphology & etymology in spelling * Develop legible personal handwriting style * Plan writing to suit audience & purpose; use models of writing * Develop character & setting in narrative * Select grammar & vocabulary for effect * Use a wide range of cohesive devices * Ensure grammatical consistency | | **Grammar**   * Use expanded noun phrases * Use modal & passive verbs * Use relative clauses * Use commas for clauses * Use brackets, dashes & commas for parenthesis * Use appropriate register/ style * Use the passive voice for purpose * Use features to convey & clarify meaning * Use full punctuation * Use language of subject/object   **Speaking & Listening**   * Give well-structured explanations * Command of Standard English * Consider & evaluate different viewpoints * Use questions to build knowledge * Articulate arguments & opinions * Use spoken language to speculate, * hypothesise & explore * Use appropriate register & language | **Art & Design**   * Use sketchbooks to collect, record, review, revisit   & evaluate ideas   * Improve mastery of techniques such as drawing, painting and sculpture with varied materials * Learn about great artists, architects & designers | **Computing**   * Understand uses of networks for   collaboration & communication   * Be discerning in evaluating digital content |
| **Design & Technology**   * Use research& criteria to develop products   which are fit for purpose and aimed at specific groups   * Use annotated sketches,   cross-section diagrams & computer-aided  design   * Analyse & evaluate existing products and   improve own work   * Use mechanical & electrical systems in own products, including programming | **Geography**     * Use 4- and 6-figure grid references on OS maps * Use fieldwork to record & explain areas |
| **Number/Calculation**   * Secure place value & rounding to 10,000,000, including negatives * All written methods, including long division * Use order of operations (not indices) * Identify factors, multiples & primes * Solve multi-step number problems   **Algebra**   * Introduce simple use of unknowns | **Mathematics**  **Geometry & Measures**   * Confidently use a range of measures & conversions * Calculate area of triangles / parallelograms * Use area & volume formulas * Classify shapes by properties * Know and use angle rules * Translate & reflect shapes, using all four quadrants   **Data**   * Use pie charts * Calculate mean averages | | **Fractions, decimals & percentages**   * Compare & simplify fractions * Use equivalents to add fractions * Multiply simple fractions * Divide fractions by whole numbers * Solve problems using decimals & percentages * Use written division up to 2dp * Introduce ratio & proportion |
| **Modern Languages**   * Listen & engage * Engage in conversations, expressing opinions * Speak in simple language & be understood * Develop appropriate pronunciation * Present ideas & information orally * Show understanding in simple reading * Adapt known language to create new ideas * Describe people, places & things * Understand basic grammar, e.g. gender   **Physical Education**     * Swimming proficiency at 25m * Use running, jumping, catching and throwing in isolation and in combination * Play competitive games, applying basic principles * Develop flexibility & control in gym, dance & athletics | **Music**     * Perform with control & expression solo & in ensembles * Listen to detail and recall aurally * Use & understand basics of staff notation * Develop an understanding of the history of music, including great musicians & composers   **Religious Education**    Continue to follow locally- agreed  syllabus for RE |
| **Science**  **Year 6**  **Physics**   * Light & Shadows; the eye * Electricity: investigating circuits   **Year 5**  **Chemistry**   * Classify materials according to a variety of properties * Understand mixtures & solutions * Know about reversible changes; identify irreversible | | **History**  **British History (taught chronologically)**  An extended period study, e.g.  - Significant turning points in British history  **World War 1 and how it affected the local area** | |