**Curriculum Overview**

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

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| 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
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|  **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-aideddesign* 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
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|  **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
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|  **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**  |