

# FORM ONE AUTUMN CURRICULUM—KEY SUBJECTS

## ENGLISH

### Comprehension

- To develop inference and deduction skills
- To include evidence to support points of view
- To develop skimming and scanning techniques to locate information quickly
- To practise completing tasks in timed conditions

### Creative Writing

- To develop skills in writing in timed conditions
- To be able to plan short stories using a story staircase
- To expand descriptive ideas using subordinate clauses
- To vary sentence openers and organise ideas into clear paragraphs

### Spelling & Grammar

- To be able to spell words with patterns: ant/ance/ancy; ent/ence/ency; -able; -ably and prefixes with hyphens and words in family groupings.  
To write complex sentences using subordinate clauses
- To use adverbials to start sentences
- To revise the use of noun phrases
- To know and use figurative language (simile, metaphor, personification, alliteration, onomatopoeia)

### Reading

- To read daily from a book of their own choice
- To read class novel “Street Child” by Berlie Doherty
- To make inference and deductions about characters
- To know what a protagonist is
- To collect ‘borrow’ interesting vocabulary from their reading to apply in their own writing.

## MATHS

Weekly assessments in Arithmetic and reasoning covering SATS and CE syllabus to prepare for senior school tests. Topics include:

- Formal method of long division
- Multiplying and dividing fractions
- Decimals, fractions and percentages
- Using order of operations
- Special numbers and pattern recognition: prime factors, square, triangular and index numbers and square roots
- Introduction to algebra and problem solving
- Using formula to calculate areas of triangles and parallelograms
- Ratio and probability
- Advanced geometry: circles, using rules to calculate missing angles, interpreting four quadrant grids
- Negative numbers and calculating across zero
- Statistics: using and interpreting line graphs and pie charts
- Advanced measurement conversions and calculation of volumes
- Non-verbal and spatial reasoning

## SCIENCE

- Revise all the topics covered in the text book which is the latest copy rewritten for the New Curriculum
- There is a focus on scientific experimentation, design, methodology and data interpretation
- Revision techniques are taught explicitly
- Research into famous scientists relevant to the new curriculum: Adaptation (Darwin, Wallace, Anning)
- Experience of using gears, levers and pulleys

## FORM ONE AUTUMN CURRICULUM—OTHER TOPICS

### RE

- The Kingdom of God
- Justice

### History

- Victorians—The great exhibition, differences between rich and poor and industrialisation.

### Geography

- Rivers
- Local study: the Rive Wey

### Art

- Learning to draw people in action
- To include drawing, painting and sculpture

### PSCHE

- Well-being and mindfulness
- Black History Month
- Positive friendships & family relationships
- Anti-Bullying Week

### Computing

- E-safety
- Create leaflets using Publisher
- Coding

### Design Technology

- To create a moving toy using cams