



ENGLISH	MATHEMATICS	GEOGRAPHY	SCIENCE
<p>Comprehension texts Topical Spelling Scheme weekly spellings 11+ and pre-test practice papers</p> <p>Writing – plan writing to suit audience and purpose; story-writing/descriptive writing; writing for a practical purpose including persuasive, discursive, autobiographical, letter, newspaper; select grammar and vocabulary for effect; plan and draft</p> <p>Language topics Conjunctions; compound and complex sentences; parts of speech; verb tenses; speech punctuation; commas; apostrophes for possession and contraction; colons and semi-colons</p> <p>Practice for pre-tests and entrance tests Read class text Compare / infer / summarise / discuss use of language; use quotation from the passage; practise PEE; multiple-choice comprehensions</p> <p>Speaking and Listening – articulate arguments and opinions; speculate / hypothesise / explore / question</p>	<p>Number, Ratio & Proportion: Place value to 10 digits/3 decimal places Four rules (addition, subtraction, multiplication and division) Conversions between fractions, decimals and percentages Simplifying ratios Prime factorisation Estimation</p> <p>Algebra: Co-ordinates Number sequences</p> <p>Measurement & Geometry: 24-hour clock Timetables Estimates of distance/mass/capacity etc Rotational and line symmetry Nets of 3D shapes</p> <p>Statistics: Pie charts Averages (mean, median, mode) Range Probability scale from 0 to 1.</p>	<p>Differences between physical, human and environmental Geography Latitude and Longitude Global Location (focus on Europe) Weather and Climate:</p> <ul style="list-style-type: none">• How do we observe and measure the weather?• Difference between weather and climate• Temperature and rainfall patterns in the British Isles• Microclimates• Types of rainfall• Key features of anticyclones and depressions.	<p>Students should be able to describe and explain the structures and processes involved in these topics:</p> <p>Atoms, Elements and Compounds Atoms Elements Compounds Chemical Formulae</p> <p>The Periodic Table Metals and Non-Metals Groups and Periods Group 1 Group 7 Displacement Reactions Group 0</p> <p>We're Evolving (Evolution) Variation Evolution Natural selection Speciation Fossils Extinction</p>



ART	PSHE	HISTORY	COMPUTING
<p>Project Title: Natural Forms</p> <p>Knowledge & Understanding Colour Theory Review: tints, tones & shades, primary, secondary, harmonious, complementary, monochromatic etc. Artists: Ernst Haekel</p> <p>Experiment & Skills Materials & techniques: printmaking pencil, pen, watercolour Skills: pencil/brush/scissor control</p> <p>Evaluation & Ideas Metamorphosis, juxtaposition, silhouette etc. Self and peer reflection</p> <p>Create & Present Sketchbook work and final piece.</p>	<p>The 10 Keys to happiness. Knowledge & Understanding</p> <ul style="list-style-type: none">- Overview of the 10 keys, discussion and videos to support- Brainstorm what the 10 keys mean to each student and practical examples to support everyday life. <p>Mental Health</p> <ul style="list-style-type: none">- Celebrate World Mental Health Day- Look at different tools to support our mental health- Digital Detox <p>Black History Month</p> <ul style="list-style-type: none">- Looking at key figures from Rosa Parks to Barack Obama- Sporting Achievements- Influential musicians- Activities to celebrate <p>Climate Change Conference</p> <p>Recycling week</p> <ul style="list-style-type: none">- Recycling sorting activities- Design a logo or poster for recycling- Recycling quiz and scavenger hunt- Creative writing activities on how to help protect the planet <p>Safer Internet Course</p> <ul style="list-style-type: none">- Personal information & safe passwords- Web cams- Making friends online- Safe selfies- Online bullying	<p>The First World War- Which countries took part- Why was there an arms race? How did it start? Franz Ferdinand- Nationalism-Imperialism-Militarism-The Schlieffen Plan-</p> <p>Trench Warfare; Christmas Day 1914-Life in the Trenches-No Man's Land-Trench Foot-Conditions in the Trench</p> <p>The development of new Weaponry- tanks-field guns-chemical warfare</p> <p>Battles project-each group will produce a detailed project on computers on a chosen. This will take several weeks.</p>	<p>Programming <i>pixel hack</i> Programming graphics using C++</p> <p>Coding scratch: 2 player pong drawing, colouring, variables, animation, interaction</p> <p>Cyber-safety <i>PPT:</i> cartoon guardian angels show samples, guardian angel rescue scenario. combine text, pictures, photos</p>



RELIGIOUS STUDIES

The Church

- What is a church?
- What the Bible says about the foundation of the Christian church
- Ways in which churches reflect local culture
- How churches help Christians worship
- Ways in which churches serve their communities
- Ways in which local churches form part of a global community
- Stories of Christianity

FRENCH

Revision - Greetings
Revise alphabet, show understanding of all types of accents
Days, months, seasons.
Numbers 1-31 and dates.
Classroom language.
Countries and nationalities.
Present tense habiter and être and rules for 'in'
Numbers -1000
Family – names and ages
Parents' jobs and places of work.
Present tense of travailler.
Describe themselves and someone else (name, age, hair, eyes, height, personality, where they live, nationality). Adjectives
To form 'être' and 'avoir' in the present tense.
Comparatives and superlatives.
Time expressions and intensifiers.

PE & GAMES

September-Mid- November

Football

Pass, receive, control, dribble, Shooting, Goalkeeping, Positional play, tactics, Small sided games, 9-side fixtures, Inter-school fixtures.

Mid-November-December

Rugby

Safety, Handling, tackling, Ruck, Maul, Attack & Defence, Set piece, Match play. Fixtures & Festivals

Following the RFU age grade guidelines: 9 a side, half pitch, 3 player scrum, strike no push, kicking-no fly hack

Netball;

Feint dodge, passing (chest and double handed shoulder), player to player marking and marking pass/shot, small sided and full game, inter-school fixtures, footwork, defensive drills, ball placement, fitness, Zone marking Channelling the court clearing and driving. Hockey IAPS qualifiers.

DESIGN TECHNOLOGY

Hydraulic arm project.

Investigate Industrial applications for hydraulic arms. Design and make a hydraulic arm with at least one axis of movement.

The hydraulic arm introduced as range of manufacturing processes and techniques for assembling a detailed project over several weeks.

Technical drawings and accuracy of construction are fundamental to the production of the arm. There are links with the science department curriculum for Year 6 to support the project.



MUSIC	LATIN	REASONING SKILLS
<p>Chord Sequences</p> <ul style="list-style-type: none">• Learn about major and minor chords and how they are used in pop music• Be able to work out notes of most major chords• Recognise the difference between major and minor chords• Learn a chord sequence using the ukulele• To use music technology to record chord sequences	<p>CE Level 1 Workbook: <i>"Who Said Latin's Dead?"</i>; Book 1</p> <p>Verb tenses: present, imperfect, perfect (1st conjugation verbs)</p> <p>Irregular verb 'to be' in present, imperfect, perfect tenses</p> <p>Noun cases: nominative, accusative (singular and plural)</p> <p>Terminology: subject and object</p> <p>Prepositions with the accusative</p> <p>Comprehension and translation technique</p> <p>Roman food and meals</p> <p>Roman houses – the <i>domus</i></p>	<p>Practice in Verbal and Non-Verbal Reasoning in preparation for the girls' Senior School Entrance Examinations and the boys' Pre-Tests</p>