

Curriculum Overview

Academic Year:

2017 - 2018

Year:

8

Subject	Term 1	Term 2	Term 3
English	<p>a. READING: The novel 'The Lord of the Flies' – concepts of plot, character, setting, themes and historical context. Essay writing skills. Speaking & listening skills.</p> <p>b. WRITING: Descriptive and narrative writing; writing effective, efficient summaries of two or more paragraphs. Grammar-parts of speech, suffixes, prefixes, root words, conjunctions. Active & passive voice, direct and indirect speech, homophones, homonyms. Comprehension and vocabulary extension exercises.</p> <p>c. SPEAKING AND LISTENING: Group discussions, project preparation and presentation, sketches of the play, IEC (Individual Extended Contributions).</p>	<p>a. READING: Introduction to Shakespeare - characterisation, themes, stage craft, language study. Overview of Shakespeare's plays. The play The Merchant of Venice: analysis of characters and themes, use of language. Poetry: using a selection from pre and post 1914 poets and poetry from other cultures. Structuring and analysis of a poem.</p> <p>b. WRITING: Writing to explore, imagine, and entertain. Writing short stories and poetry. Development of comprehension skills and literary vocabulary, especially poetry terms.</p> <p>c. SPEAKING AND LISTENING: Project work on ONE poet (selected from recommended list) for individual presentation, Group discussion on reading.</p>	<p>a. READING: The novel 'The Diary of a Yong Girl –Anne Frank' – background, review concepts of plot, character, setting, atmosphere, and themes analysis.</p> <p>b. WRITING: Writing Skills: inform, explain, describe, argue, persuade, advise, analyse, review, comment, explore, imagine, and entertain.</p> <p>c. SPEAKING AND LISTENING: Film Study: analysis of the opening, structure, camera work, mise-en-scene, sound, lighting, characterisation, trailer, cinematography, film poster. Triplet writing and Speaking and Listening tasks based on the film.</p>
Mathematics	<p>Transformations from 2015 Year 7 term 3; fractions, decimals, conversions, the arithmetic of fractions and decimals including calculation of percentages. Integer arithmetic, prime factorisation, squares, roots, cubes. Data types and statistical diagrams-bar graphs, pie charts, stem-and-leaf diagrams, and comparison of two distributions will be done. Index forms; order quantities; probability of independent and mutually exclusive events.</p>	<p>Ratio and direct proportion, drawing linear graphs, inequalities, study rotation, reflection, enlargement and translations of 2-D shapes. Symmetries of 2-D shapes and reflection symmetry of 3-D shapes will be covered. Inequalities & algebra of linear expressions. Study straight lines, number patterns, finding term-term and position-to-term rules.</p>	<p>Study of lines, angles and congruency of triangles, quadrilaterals and polygons; compass & straight edge constructions. Combining transformations; Circle – area & circumference; constructions and nets; calculations involving length, area, volume, capacity, mass, time and angles; metric and imperial units; personal and household finance; surface areas and volumes of right prisms (include cuboids and cylinder).</p>

Curriculum Overview

Academic Year:

2017 - 2018

Year:

8

Subject	Term 1	Term 2	Term 3
Science	Forces and Motion, The Earth and Beyond, 'Speeding up' – measuring speed, velocity & acceleration, distance time graphs. 'Matter' – atom & elements, pure substances, compounds & mixtures, physical & chemical properties, separation of substances, methods of separation. 'Nutrition' – types of nutrients, use of protein, carbohydrates and fats, food tests. Digestion – organs of digestive system, functions, digestion of carbohydrates, proteins & fats.	'Magnets'- types, properties, field pattern of bar magnet, construction & use of electromagnets 'Breathing & Circulation' – breathing mechanism & process, blood circulation, heart, blood, heart conditions & disorders. 'Respiration' – gaseous exchange, alveoli, effects of smoking, basic equation of respiration, respiration in plants and animals. 'Reactions' – reactions of metals & non-metals, corrosion, further reactions. Chemistry in everyday life.	'Compounds and Mixtures'-differences between elements, compounds and mixtures. 'Sound' – waves, loudness, amplitude, pitch and frequency, Light – shadows, non-luminous objects, reflection, refraction, absorption and reflection of coloured light. Reproduction in humans and Diet, drugs and disease.
ICT	<ul style="list-style-type: none"> • Computer Systems • Computer Networks and the Internet • Representing Data: Images, text and sound • Flowcharts 	<ul style="list-style-type: none"> • Online safety: Sexting and Selfies • Python: An Introduction • Python: Numbers 	<ul style="list-style-type: none"> • Python: Drawing • HTML 4 and Cascading Style Sheets: An Introduction • Computational thinking
History	Topics include: The Renaissance & Reformation, The Age of Exploration and The Age of Revolution - looking in depth at the world in the 1400s, Prince Henry the Navigator and improvements to the shipping industry, Portuguese voyages, Columbus, Magellan and other explorers of the day. Focusing on governments of the eighteenth century and changes to the political system of the time; i.e. The American War of Independence. Individual research, project and source work is emphasised.	Age of Revolution continues -subtopics include the French Revolution, its causes and legacy. Industrial Revolution, its causes, domestic system, the first factories, the spread of industrialisation, farming methods, development of canals and the railway system. Independent research and observation from historical sources is emphasised.	Topics include: African migrations and their impact. Subtopics include – The Luba-Lunda states of central Africa and migrations. The Nguni of southern Africa and the Mfecane. Project work & displays will be covered as the term progresses. Independent research and observation from historical sources is emphasised.



Curriculum Overview

Academic Year: **2017 - 2018** Year: **8**

Subject	Term 1	Term 2	Term 3
Geography	Population dynamics: the distribution and growth of the world population. "Human – Land" relationships including primary activities such as quarrying, mining, farming; exploitation of resources and its impact on the environment; case study of a developing country – Kenya; Use of ICT in Geography.	"Human-Land" relationships: factors of industrial location, industries in inner cities. Effects of the exploitation of renewable and non-renewable energy resources on the environment. Environments that need protecting such as wildlife and vegetation are examined in detail.	Weathering processes & resultant effect on river and coastal environments. How physical processes affect human activities and a review of man's response to natural hazards. Case studies of pollution episodes and abatement efforts.
Art	'Still Life / Cubism' – Creation of own still life compositions. Recording compositions through a range of drawing techniques and from different viewpoints. Working from own studies experimentation with Cubist techniques within the media of collage and paint. Experiment with different colour schemes to change the mood of images. Exploration of the influence of Cubism on contemporary art in the form of Hockney inspired photomontages.	'Arts and Culture' – Exploration of national identity through object and place imagery. Creation on own national image painting and African mask. 'Global Conservation' – Identification of a global conservation cause. Exploration of poster design techniques and the effective communication of a message. Apply findings in own poster design.	'Vessel Design' – Observational tonal studies of natural forms – whole and dissected. Develop skills in visual elements, e.g. line, form and proportion. Development of abilities to research projects with the work of Peter Randall, Kate Malone and Alice Ballard as a focus. Translation of drawings into ceramic vessel form. Apply clay hand building and surface design techniques, e.g. sgraffito, impressing, embossing, and scoring.
French	Topics on myself, my look, my health, cinema and television. Grammar and verbs: present tense, adjective agreements, prepositions, introduction of past tense. Extension of vocabulary. The four skills of listening, speaking, reading and writing.	Topics on travelling, holiday, activities, daily routine. Grammar and verbs: work on past tense, prepositions, questions, reflexive verbs. The four skills of listening, speaking, reading and writing.	Topics on town, places in town, directions. Grammar and verbs: review of all tenses and introduction of orders. Review of all topics; improve writing skill. The four skills of listening, speaking, reading and writing.



Curriculum Overview

Academic Year:

2017 - 2018

Year:

8

Subject	Term 1	Term 2	Term 3
Physical Education	<p>In Fitness pupils will learn and accurately replicate specific techniques for a variety of fitness based activities.</p> <p>In Volleyball & Basketball pupils will focus developing the basic techniques as well as implementing more advanced strategic play to outwit opponents. Pupils will demonstrate the essential elements of attack and defence with increased fluency and control. Pupils should be able to accurately score and officiate volleyball games.</p> <p>In Swimming, pupils focus on developing the quality and power of their existing strokes; learn how to swim three strokes well, and further develop butterfly. They develop the range of their personal survival skills and apply them over longer periods of time.</p>	<p>In Cross-Country pupils will gain an understanding of warm ups, cool downs and the importance of health through physical tasks. Pupils will reflect on the benefits that fitness events give to an individual and implications for future life.</p> <p>In Football & Netball pupils will focus on developing team attacking and defending strategies and techniques. Pupils will select and apply their skills so that they can carry out tactics with the intention of outwitting their opponents.</p>	<p>In Athletics pupils begin to use their knowledge of athletics events, strategies and techniques to develop and enhance replication and performance. Pupils develop their understanding of fitness and its relationship to performance. In athletic activities, pupils will engage in performing and improving their skills and personal and collective bests in relation to speed, height, distance and accuracy.</p> <p>In Hockey pupils will focus on developing team attacking and defending strategies and techniques. Pupils will select and apply their skills so that they can carry out tactics with intent to outwit the opposition.</p>
Music	Dotted notes and bass clef and the left hand playing of the keyboard. Major scale and tonality. Keyboard skills are improved as well as an introduction to tuned percussion and untuned ensemble playing.	Composing using the ternary form as well as the introduction of a variety of composition techniques. North Indian Classical music. Improvement in keyboard skills and singing techniques. Introduction to primary chords.	Application of intervals to melody composition. Keyboard skills continued as well as singing in three part harmony. Using the major scale in composition. Introduction to Renaissance music
Drama	MACBETH ON THE LOOSE by Robert Walker Introduction to works by William Shakespeare how to present Shakespearian plays.	12 ANGRY MEN by Reginald Rose Students will learn how a jury presents their arguments and debates in a court set-up	UNMAN, WITTERING AND ZIGO by Giles Cooper Students will deal with issues on bullying, gambling, authority and class structure within a school and community at large
Personal. Social and Health Education	A course designed to teach a variety of topics that are linked directly to the student's particular needs during the year. Pupils are taught study techniques and information about school life as well as preparing them for Checkpoint examinations. They look at health related topics and social issues in addition to gaining an insight into how to become critical consumers, how to handle money and the concept of global citizenship.		

