

Ralph Sadleir School - Curriculum Overview

Year 8 Spring Term

English	Mathematics	
<p>Reading</p> <p>Through reading and studying Chaucer's 'The Pardoner's Tale' as a class text, pupils will develop skills of:</p> <ul style="list-style-type: none"> Understanding vocabulary. Understanding the purpose, audience and context of texts. Studying the effects of setting, plot and characterisation. Making critical comparisons across texts. <p>Pupils will also be strengthening their ability to use the PEA (Point, Evidence, Analysis) structure for answering language analyses questions.</p> <p>Spelling</p> <p>Some pupils are revising their learning of high frequency words, Year 5 / 6 spelling lists and Year 7 topic-based words. Most pupils are learning challenging Year 8 topic-based vocabulary.</p> <p>Grammar and punctuation</p> <p>Pupils will review the following skills from prior learning:</p> <ul style="list-style-type: none"> Commas (in particular eliminating comma splicing); Passive verb form; Tenses and word classes (in particular identifying these in Chaucerian language). <p>Writing</p> <p>Through studying and responding to the stimulus of 'The Pardoner's Tale', pupils will produce writing in the following text-types and genres:</p> <ul style="list-style-type: none"> Their own modern moral tale in the style of 'The Canterbury Tales'. <p>Pupils will also begin their study of Shakespeare's 'Romeo and Juliet', which is largely taught in the Summer term.</p>	<p>Number</p> <p>Finding fractions, decimals and percentages of an amount; converting between fractions, decimals and percentages greater than 100%; calculating percentages including increase and decrease with multipliers; expressing as a fraction or percentage; converting between ordinary form and standard form; estimating answers; rounding to decimal places; understanding error interval notation; understanding negative and fractional indices.</p> <p>Algebra</p> <p>Forming expressions; multiplying single brackets; factorising into a single bracket; expanding binomials; forming and solving equations with brackets and unknowns on both sides; forming and solving inequalities; finding the algebraic rule for sequences; generating sequences from algebraic rules; simplifying algebraic expressions with indices.</p> <p>Geometry</p> <p>Converting metric measures of length, weight, capacity, area and volume.</p>	
	Science	Events & Visits
	<p>Chemical Reactions</p> <ul style="list-style-type: none"> chemical reactions as the rearrangement of atoms representing chemical reactions using formulae and using equations combustion, thermal decomposition, oxidation and displacement reactions what catalysts do. <p>Waves</p> <ul style="list-style-type: none"> waves on water frequencies of sound waves, measured in hertz (Hz); echoes, reflection and absorption of sound the auditory range of humans and animals light waves travelling through a vacuum; speed of light use of ray model to explain imaging in mirrors, the pinhole camera, the refraction of light and action of convex lens in focusing; the human eye colours and the different frequencies of light, white light and prisms; differential colour effects in absorption and diffuse reflection <p>Gas exchange and respiration</p> <ul style="list-style-type: none"> the structure and functions of the gas exchange system in humans the impact of exercise, asthma and smoking on the human gas exchange system aerobic and anaerobic respiration in living organisms the process of anaerobic respiration in humans and micro-organisms, including fermentation, and a word summary for anaerobic respiration the differences between aerobic and anaerobic respiration in terms of the 	<p style="text-align: center;">Globe theatre</p> <p style="text-align: center;">MAG airport trips</p>

<p>reactants, the products formed and the implications for the organism</p> <p>Materials</p> <ul style="list-style-type: none"> • the order of metals and carbon in the reactivity series • the use of carbon in obtaining metals from metal oxides • properties of ceramics, polymers and composites (qualitative)

History	Geography	Art	Design Technology	Music
<p><u>The Slave Trade:</u> How the slave trade was organised and functioned; conditions for slaves; resistance against slavery.</p> <p><u>Victorian England:</u> Class system; living conditions; Victorian medicine; Crime and Victorian legacy.</p>	<p><u>Ecosystems:</u> Biomes</p> <p>Ecosystems: world ecosystems, large and small ecosystems.</p> <p>Interdependence Tropical</p> <p>Rainforest focus: organisation, deforestation, sustainability.</p>	<p><u>Caricature - Manga art</u> Drawing basic shapes and facial features in a stylistic way exaggerating facial features Adding tone</p> <p><u>Surrealism</u> Looking at surrealist artists Producing surrealist style designs Developing the process of creating a major artwork.</p>	<p><u>Food technology</u> Making bread rolls Safety using ovens Evaluating practical outcomes Pizza making Evaluating our Pizzas Pizza box design analysis Making Pizza boxes (Nets) Nutrition theory</p>	<p><u>Minimalism</u> <i>Developing Minimalist techniques by learning to compose short melodic phrases before developing them into an extended Minimalist composition.</i></p>
Computing	French	Physical Education	Religious Education	PSHE/RSE
<p><u>Making Radio adverts using Audacity</u> Reviewing radio adverts Designing a radio advert Gathering sound assets Copyright issues (revisited) Importing sounds Editing sounds to include: Splitting Trimming Dipping volume Exporting sound files</p> <p><u>Spreadsheets Good Breakfast project</u></p>	<p><u>Ça, c'est mon truc - my lifestyle:</u> By the end of this unit, pupils will be able to: Talk about clothes and say what style they like; talk about the weather and what they wear on different occasions; say how often they do an activity; talk about weekend activities; talk about music and national events and extend their grammar, language strategies and pronunciation.</p> <p><u>Destination vacances – Holidays:</u></p>	<p><u>Table Tennis</u> In this unit pupils will aim to improve their individual technique. Pupils will develop their understanding of tactics and play shots within a rally more effectively and consistently. Pupils will work on improving the quality of their skills with the intention of outwitting opponents in both singles and doubles games. Pupils will develop their knowledge of rules by officiating games.</p>	<p><u>Why do Christians believe Jesus is God on Earth?:</u> Analysing Jesus as a saviour; analysing the human and divine aspects of Jesus; analysing Jesus' life and teachings.</p> <p><u>What are the challenges to living with faith?:</u> Leadership and positive leader models; Christian leadership case study on Oscar Romero, religious leaders responding to injustice (Dalai Lama case study); Do we have a</p>	<p><u>First Aid:</u> CPR introduction; responding to head injuries; helping someone who is bleeding; helping someone who is choking; helping someone with a severe allergic reaction.</p> <p><u>Safe Relationships:</u> Choices around sex; consent and capacity to consent, contraception use and types.</p>

<p>Healthy breakfast research Setting up a workbook Adding labels Formatting columns and rows Data entry Formulae to include: SUM Autosum countif Charts & Graphs</p>	<p>By the end of this unit, pupils will be able to: Talk about usual holidays and preferred holidays. Talk about items they take on holiday. Talk about their dream holidays. Describe past holidays and past activities. Talk about festivals. Reinforce and extend their grammar, language strategies and pronunciation.</p>	<p><i>*How do we play forehand and backhand push shots?</i> <i>*How do we perform a serve correctly?</i> <i>*How can I generate forehand topspin on the ball?</i> <i>*How can we generate backspin on the ball?</i> <i>*How can I work together with a playing partner?</i> <i>*Can I play within the rules of a singles match?</i> <i>*Can I show my understanding of the rules by officiating a game?</i></p>	<p>responsibility to fight injustice (Bonhoeffer case study); How can ordinary people become religious leaders (Corrie Ten Boom case study)?</p>	
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