

	Half term 1 Learning Overview	Half term 2 Learning Overview	Half term 3 Learning Overview	Half term 4 Learning Overview	Half term 5 Learning Overview	Half term 6 Learning Overview
Art	Embellished Image Study the work of Victoria Villasana Embroidery techniques Street Art Media samples Celebrity influences	Peter Blake collage and commercial artwork Building a composition Christmas cards linking to our Christian values	Lettering Paper Back Cover Art: Exploring the design to portray a story in fonts and images	We are from Derby Exploration of the artist or designers from Derby Analyse the style of Banksy to inform a personal response Is graffiti art? Link to art in the cathedral and museums	Printing Quick print Lino printing Repeat patterns William Morris	Clay work Grayson Perry: Exploring current concerns, outcomes of lockdown and gender identity Ceramic techniques: Handling and making skills This is me Outcome: Ceramic outcome drawing on years learning
Computing	Introduction to Computational thinking <ul style="list-style-type: none"> • Introduction • Decomposition • Abstraction • Pattern recognition • Algorithms • Evaluation of solutions 	Control – Flowol & Algorithms <ul style="list-style-type: none"> • Sequences of instructions • Branching using decisions • Loops (infinite, or based on a condition or count) • Variables and simple variable manipulation • Sub-procedures (parameters optional) • Multiple parallel threads 	Python Basics & Adventure Game <ul style="list-style-type: none"> • Variables • Data types and uses • Mathematical operators • Application of algorithms • Selection • Nested functions • Iteration – count and condition controlled loops • Functions • Object Oriented Programming and encapsulation • Lists • Reading from a file • Writing to a file 	Developing computer graphics <ul style="list-style-type: none"> • Layers • Text • Using images and text • Logo development • Banner application • 	Webpage development – E-Safety Themed <ul style="list-style-type: none"> • Evaluation of existing websites • Introduction to HTML • Introduction to CSS • Introduction to JavaScript • Application of CSS, JavaScript and HTML • E-Safety Themed covering: <ul style="list-style-type: none"> • Grooming and Abuse • Cyberbullying • Phishing • Social and Multi Media 	Developing technologies - Virtual Internship <ul style="list-style-type: none"> • Introduction to developing technologies • Design Brief • Background research • Supporting creativity and team work • Developing prototypes and concept solutions • concept pitch and Evaluation
Design Technology Carousel	1: Graphics Lampshade Review of nets and developments Papers and boards theory Paper and board practical experience Disassembly of existing products	1: Graphics Lampshades Iterative design Final outcome Dye cutting Embossing Laser cutting Professional finishes Decoration	1: Food Nutrition and Health Energy balance Nutritional needs for different groups of people Nutritional analysis	1: Food Food Science Denaturation and coagulation Caramelisation Raising agents	1: RM Desktop lamp Understanding electronics Inputs and outputs Structure/balance/movement Architectural influences Biomimicry Iterative design skills Ergonomics Anthropometrics	1:RM Desktop lamp Introduction to Fusion 360 Model making/ Prototyping 2D Design – laser cutting Selecting correct tools and machines Making and assembling Packaging Evaluation

Drama	Introduction to Drama As drama is new to the curriculum at DCS, this first SoW aims to introduce the subject to students, developing their understanding and their confidence in performing.		Shakespeare Students will explore the story of A Midsummer Night's Dream and act out part of the script. They will also use their knowledge of the play to devise a missing scene	Film Students will create an original film plot, act out sections and storyboard the trailer.		
English	Prose - Sherlock Holmes: Speckled Band Pupils will re-visit the genre of Crime fiction in this in-depth study. It will also allow them to study an important time period and examine values, beliefs and attitudes at the time.	Writing – Creative Short Story Unit (The Dystopia) Pupils will study the key conventions of the dystopic genre. They will use their understanding to craft a piece of creating writing based on picture and narrative stimuli.	Shakespeare – Merchant of Venice In their second study of a whole Shakespearian text at KS3 pupils will reflect upon the themes they have studied (tyrannical figures), encounter another Shakespearian genre (comedy) and will start to consider the text as a whole.	Writing – Non-Fiction Writing Pupils will examine key non-fiction genres before writing for a specific purpose, audience and form. This unit will form a bridging unit to Views and Perspectives at GCSE.	Poetry: Unseen and Comparative Skills - Cultures Pupils will focus on the key skills needed for analysing 'unseen' poems. The poems used will be linked by the 'Cultures' theme. Pupils will be assessed comparing two unseen poems.	Play Modern –Noughts and Crosses This unit will prepare pupils for a modern play at GCSE. They will re-familiarise themselves with this form, and be given opportunities for both Reading and Speaking and Listening and Listening assessments.
Geography	Ecosystems <i>Global climate zones</i> <i>Mapping global ecosystems & contrasting environments</i> <i>Link to climate change</i> <i>Climate graphs</i> <i>Food chains & food webs</i> <i>Adaptations of plants and animals.</i> <i>Ecosystem change</i> <i>Case Studies</i>	The UK Climate and extreme weather <i>How UK weather is influenced by its location at regional and local scales.</i> <i>Extreme weather in the UK including human and physical impacts</i> <i>Case studies Beast from the East UK 2010 – coldest months</i>	Climate Change <i>Is the climate changing?</i> <i>Human and physical factors and impacts</i> <i>Climate change through the eras</i>	The Climate and Global Atmospheric Circulation System <i>Global Atmospheric Circulation Model</i> <i>High and low pressure systems and impacts on the weather.</i> <i>Weather forecasting</i> <i>Extreme weather</i>	Ecosystems - Biodiversity <i>Interdependence of species and climate</i> <i>Biodiversity, link to ecosystems</i> <i>Human and physical factors affecting biodiversity</i> <i>Mapping skills.</i> <i>Case study – Tropical rainforests</i> <i>UK hedgerows.</i>	Resource Management <i>Introducing resource management, food, water and energy.</i> <i>Links to climate change.</i> <i>Global mapping of resources.</i> <i>Contrasts between LICs, NEEs and HICs</i> <i>Water resource management of water shortages</i> <i>Food resources</i> <i>Energy resource management`</i>
History	WW1 Students will learn about the causes, consequences and events of the Great War.	Inter-war period A chance to study the growth of communism, fascism and the rise of the Nazis. This topic includes an enquiry on the Suffragettes.	WW2 A look at the Second World War through war crimes committed by all sides with an extended enquiry on The Holocaust.	Civil rights movement in the USA A focused study of the key events and consequences of this struggle for equality.	The Cold War This topic will give students the chance to learn about some of the key events of the Cold War including a focused enquiry on the Vietnam war.	Conflict in the Middle East Using debate and discussion we will examine in detail the origins, causes and consequences of this on-going conflict.
Maths	Reasoning with Algebra Straight line graphs Forming and solving equations Testing conjectures	Constructing in 2 and 3 dimensions Three dimensional shapes Constructions and congruency	Reasoning with Number Numbers Using percentages Maths and money	Reasoning with Geometry Deduction Rotation and translation Pythagoras	Reasoning with Proportion Enlargement and similarity Solving ratio and prop problems Rates	Representations Probability Algebraic representation Revision, consolidation and assessment.
MFL	'We are experts!' Revisiting the grammar, topics and vocabulary from Year 7 & 8.	'Aim high' Discussing jobs, careers and thinking about our plans for the future + the importance of languages.	'An adventure in Madrid' Meeting and greeting people in Spain when abroad. Finding our way around Madrid. Coping in the souvenir shop and making ourselves understood. Making plans for the rest of the trip.	'As a young person of the 21st Century' Talking about our daily routine and comparing it with a typical day in a Spanish-speaking country. Discussing teenage relationships and problems as	'Young people in action' Talking about children's rights. Giving our views on fair trade and recycling. Discussing how our town has changed and world issues. Talking about fundraising projects.	'Around the Spanish-speaking world' Taking a 'virtual trip' around the Spanish-speaking world. Discovering the language, culture and traditions of a variety of Spanish-speaking societies.

				well as giving our views on global issues.		
Performing Arts	Computer Game Music Students learn to play a popular piece based on CG music and then use these ideas to create their own music.	Hamilton Students develop their understanding of the rap genre and rhythmic complex and instils the importance of diction, textural build-up and cadences.	Band Skills 3 Students perform a popular song in ensemble, learning each aspect (chords, melody, bass line, and percussion) on a variety of instruments (keyboard, voice, ukulele, guitar, bass, and drum kit) – Students will choose their own song.	EDM Students use a DAW to create a dance track, using percussion, chords, bass and melodic riffs.	Composition to a Brief Students develop their understanding of GCSE Unit 2 criteria through a composition task based on a brief. Solo Performance Students develop their understanding of the GCSE Unit 1 criteria by choosing and performing a solo performance (on an instrument of their choice).	Physical Theatre A scheme exploring the aspects of Berkoff's style and physical theatre, based on Kafka's work Metamorphosis.
PE	Throughout Y9 students will develop a deeper knowledge and understanding of: Basic skill development – Physical, cognitive and knowledge based curriculum; understanding of lifelong participation, health and fitness concepts; preventing injury through understanding the need to warm up before sport; anatomy and physiology introduction – biomechanics and movement, increased focus on tactical application, links to KS4 opportunities – GCSE PE – students in Y9 will begin to lead clubs and extra-curricular opportunities.					
	Handball (B) Netball (G)	Handball(G) Football (B)	Basketball (B) Football/Leadership (G)	Table tennis and Badminton	Athletics and Cricket (B) Athletics and Rounders (G)	Athletics and softball
PSHE	Peer influence and substance use Peer pressure, assertiveness, alcohol and substance misuse, and first aid	Respectful relationships Healthy and unhealthy relationships, child sexual exploitation, gang culture and knife crime.	Developing me 3 UNIFROG 3 Learning strengths, career options and goal setting as part of the GCSE options process	Healthy me Coping with stress, managing anxiety, eating disorders, cancer awareness, vaccinations, male suicide and mindfulness.	Intimate relationships Relationships and sex education including Healthy relationships, sexual orientation and gender identity and rape culture.	Intimate relationships 2 This continues the learning from the previous half term and covers consent, contraception, HIV and aids including prejudice, sexual harassment and stalking.
RE	Unit 1: The Holocaust <i>To explore Jewish experiences and responses to the Holocaust.</i> What does it mean to be Jewish? Pre-war Jewish life Nazi Persecution	Unit 1: The Holocaust (continued) The value of testimony Rescuers / Liberation Antisemitism today Does the suffering of the Holocaust make it impossible to believe in God?	Unit 2: Religion & Relationships <i>To explore ethical issues within human relationships.</i> What are ethics? How do we know what is right and wrong? Sex before marriage	Unit 2: Religion & Relationships (cont.) Contraception Gender equality Is marriage outdated? Unit 3: Medical Ethics <i>To explore what faith says about current issues in medicine.</i>	Unit 3: Medical Ethics (continued) What does it mean to value life? Sanctity of life. Abortion Fertility treatments Cloning. Euthanasia Suicide. Animal testing. Is abortion murder?	Unit 4: Good vs. Evil <i>To explore how faith responds to evil.</i> What is suffering? The problem of evil. Responses to suffering. War & Peace Does God cause suffering?

<p>Science</p>	<p>Cell Biology Cell structure Cell division Transport in cells Atomic Structure and the periodic table A simple model of the atom, symbols, relative atomic mass, electronic charge and isotopes The periodic table</p>	<p>Energy Energy changes in a system, and the ways energy is stored before and after such changes Conservation and dissipation of energy Organisation Principles of organisation Plant tissues and organ systems</p>	<p>Bonding, structure and the properties of matter Chemical bonds, ionic, covalent and metallic Structure and bonding of carbon Electricity Current, potential difference and resistance Series and parallel circuits Domestic uses and safety Energy transfers</p>	<p>Infection and response Communicable diseases Quantitative chemistry Chemical measurements, conservation of mass and the quantitative interpretation of chemical equations Use of amount of substance in relation to masses of pure substances.</p>	<p>Chemical changes Reactivity of metals Reactions of acids Electrolysis Particle model of matter Changes of state and the particle model Internal energy and energy transfers Particle model and pressure</p>	<p>Energy changes Exothermic and endothermic reactions Revision End of year assessment</p>
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