

### Curriculum Overview: 2015/16: Year 8

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>English</b>	Knowledge about Language The English Literary Heritage	The Gothic Novel	War and Conflict		Travel writing The Island	Shakespeare
<b>Mathematics</b>	Order of Operations Algebra	Index Rules, Factors, Multiples, Prime Numbers Sequences, Functions and Graphs Ratio and proportion	Area, Surface Area and Circles Place Value	Equations Construction and Nets	Fractions Decimals and Percentages Volume Probability	Formulae, Functions and Graphs 3D shapes
<b>Science</b>	Cells Particles Energy	Reproduction Atoms/Elements Forces	Environment Classification Acids/Alkalis Chemical Reactions Electricity		Photosynthesis Magnets/Electro Magnets	Digestion Motion
<b>History</b>	The French Revolution		Britain: 1745 - 1901		WW1 and the Peace Settlement	
<b>Geography</b>	Plate Techtonics Risky World	Impossible Places: Las Vegas	Paradise Lost: Tourism in Thailand	Country Study: China	Country Study: New India	Glaciation Geographical Timescales
<b>RE</b>	<b>Good vs. Evil</b> Evil and Suffering Reincarnation Rama and Sita The Good Samaritan The Eightfold Path		<b>Interfaith Relationships</b> Stereotypes Women in Islam Women in Christianity Women in Sikhism Islamaphobia Racism in the USA		<b>Animal Rights</b> Creation Stories Animal Testing Jewish, Bhuddist, Christian and Islamic Teaching on Animal Rights	
<b>Music</b>	<b>Music</b> Sounds and Styles The Works of Great Composers and Musicians Music Theory			<b>Music</b> Genres and Movements The Works of Great Composers and Musicians Reggae, Blues and music in Film		

	Minimalism and Impressionism Performing, Composing and Listening Use of Technologies		Performing, Composing and Listening Use of Technologies		
<b>Drama</b>	<b>Melodrama and popular culture:</b> Origins of Melodrama and Influence on Popular Culture Stock Characters Drama Skills Improvisation Dramatic Techniques Working with a Stimulus Exploring Soap Operas	<b>Physical Theatre:</b> Different Forms of Physical theatre Non-verbal Communication Dramatic Techniques Developing Rehearsal Strategies Improvisation Text and Script Work Drama Skills	<b>Script work: Jason Brent:</b> Exploring Movement through Text Themes of Bullying and Peer Pressure Reading and Literacy Drama Skills Discussion Work Improvisation Audience Awareness Dramatic Techniques		
<b>Art</b>	<b>Two of the following schemes of work:</b> Self-Portrait – Observational drawing, shading and blending. Animal art –Pattern, design, colour mixing and application with paint Perspectives – Drawing and painting Jon Burgerman style Olympic mascot design – 3D models and collage Animation Aboriginal art – Colour theory and painting		Recreating Landscapes: Hundertwasser Style Landscapes Perspective Theory Art Appreciation: History, Styles and Major Movements Critical Studies		
<b>Technology (on Carousel)</b>	<b>Product Design</b> 1. Design Brief 2. Different Groups of Plastics 3. Use of “D Design 4. Design and Make Ball-Bearing Game 5. Mood Light Project: Use of Electrical Systems	<b>Food Technology</b> 1. Seasonality of Fruit and Healthy Eating 2. Micro Organisms and Food 3. Railway Bap 4. Pizza 5. Shortcrust Pastry 6. Savoury Flan 7. Fruit Pie 8. Bolognese and Lasagne 9. Frying, Simmering and Boiling	<b>Textiles</b> 1. Natural vs. Synthetic Materials 2. Ethnic Designs 3. Design Ideas 4. Applique 5. Design and Make Pencil Case		
<b>Modern Languages (French and German)</b>	<b>Topic</b> media <b>Grammar</b>	<b>Topic</b> relationships <b>Grammar</b>	<b>Topic</b> holidays <b>Grammar</b>	<b>Topic</b> home environment <b>Grammar</b>	<b>Topic</b> cultural awareness <b>Grammar</b>

	the perfect tense	introduction to the future tense	opinions	more use of subordinate clauses	reasons	
<b>Computing/ICT</b>	<b>Photoshop</b> Digital image resolution Binary and RGB values Dodge and burn tools Using layers and removing backgrounds Use online images responsibly taking account of copyright	<b>Web Authoring and Creating Images using 'FireWorks'</b> To evaluate the design of existing websites and identify target audience Design the structure of a website Learn about the different ways in which web pages can be created Create a website using Serif WebPlus Create original images for website using Adobe FireWorks		<b>Sonic Pi</b> Understand that programmes are a sequence of instructions Develop scripts in 'Ruby' to create basic music tracks Use synths and parameters in Sonic Pi Create music using Sonic Pi samples and the live coding method	<b>Python Programming</b> Use Python to programme a simple chatbot Identify common errors when programming using Python Draw simple shapes using Python Converting 'strings' to integers	<b>Renegade Heroes Spreadsheet and Database Project</b> Create spreadsheet models to test different ideas and hypotheses Create a database structure for saving and searching data
<b>PE</b>	Outwitting Opponents (Invasion Games)	Accurate Replication (Trampolining and Gymnastics) Identifying and Problem Solving	Outwitting Opponents (Invasion, Net and Wall Games) Exercising Safely and Effectively	Exploring and Communication (Dance)	Outwitting Opponents (Invasion, Striking and Fielding) Performing at Maximum Levels (Athletics)	