



## Beacon Academy Curriculum Topics Year 8



Subject	Term 1		Term 2		Term 3	
	1.1	1.2	2.1	2.2	3.1	3.2
Art	Animal Eye Project: Pencil, Pen, Geometric Circle, Japanese Art, Manga,	Animal Eye Project: Indigenous Australian, Edvard Munch and Hundertwasser	Artist and British Habitat Focus - Angie Lewin and The Coast	Artist and British Habitat Focus - Angie Lewin and The Coast	Artist and British Habitat Focus - Mark Hearld and The Woodland or Artist and British Habitat Focus - David Measures and The Garden	Artist and British Habitat Focus - Mark Hearld and The Woodland or Artist and British Habitat Focus - David Measures and The Garden
Mathematics	Number - 1) Prime numbers 2) indices and index laws 3) recap multiples and factors 4) prime factorisation 5) prime factorisation to find LCM, HCF, squares and cubes 6) Venn diagrams and enumerating sets	Algebraic expressions - 1) formulate and evaluate expressions 2) solve linear equations and inequalities 3) expressions and equations from real-world situations 4) linear sequences - nth term	2-D Geometry - 1) Angles in polygons 2) angles in parallel lines 3) transformations - reflections, rotations, translations	Proportional reasoning - 1) Ratio - equivalence and simplifying 2) ratio - problem solving 3) proportional reasoning 4) scale factors, similarity and enlargement, maps and scales 5) ratio and rate including speed, distance, time (including proportional graphs)	Statistics - 1) representing data 2) Interpret and compare statistical representations 3) Mean, median and mode averages 4) Collect and organise data 5) The range and outliers including box plots and cumulative frequency 6) Histograms	Probability - 1) calculating probability 2) systematically identifying all outcomes 3) two way tables and frequency trees 4) venn diagrams and set notation 5) probability trees
Science - A band	Ecosystem processes. Adaptation and Inheritance.	Electricity and Magnetism. Energy.	The Periodic Table. Metals and Acids.	Motion and Pressure. Turning Points in Physics.	Separation Techniques. The Earth.	Biology New Technology. Turning Points in Biology.
Science - B band	Ecosystem processes. Adaptation and Inheritance.	The Periodic Table. Metals and Acids.	Electricity and Magnetism. Energy.	Separation Techniques. The Earth.	Motion and Pressure. Turning Points in Physics.	Biology New Technology. Turning Points in Biology.
English	<b>War</b> - War extracts- fiction and non-fiction War Poetry- Brooke, Pope, Owen, Binyon, McCrae Class novel: Private Peaceful		<b>Shakespeare</b> - Macbeth (extracts only)	<b>Poetry :Disturbed Voices</b> - close analyse of thematically linked poems, compare content, theme, structure and language.	<b>Victorian Voices</b> - a range of extracts from Victorian texts by Dickens, Bronte, Stevenson that focus on Victorian childhood and the Victorian Poor.	
ICT	E-Safety	Google Applied Digital Skills	Music Festival project - Students plan and create all aspects of a music festival using a range of software	Music Festival project - Students plan and create all aspects of a music festival using a range of software	Python Computer Programming	Podcast Unit
French	All about me	Sports	Hobbies	Home	Town	Celebrities

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Design & Technology	Engraved Acrylic Lamp Project - Simple electronics, soldering, research work of others, existing product evaluation.	Engraved Acrylic Lamp Project - Computer aided design, Computer aided manufacture, design iteration, manufacturing, testing and	Humber Bridge V2.0 Project - Forces, structures, understanding strengthening, Design communication.	Humber Bridge V2.0 Project - Workshop skills, manufacturing, destructive and non-destructive testing and evaluation.	Catapults - Mechanisms and force multipliers. Levers. Energy storage (elastic potential). Orthographic and isometric drawings	Catapults -Following an engineering drawing, workshop skills, testing and evaluation.
History	The Road to Democracy	World War 1	The Russian Revolution	World War 2	The Holocaust	War on Terror
Geography	Migration and Population	Coasts	Rivers	Africa	Middle East	Fieldwork and skills
PE - Split 1	Netball & Table Tennis	4 x Cross Country (2 weeks - during mock examinations). Gymnastics & Rugby	OAA & Football	Outdoor Fitness & Badminton	Athletics & Rounders	Athletics & Cricket
PE - Split 2	Handball & OAA	4 x Cross Country (2 weeks - during mock examinations). Badminton & Football	Basketball & Gymnastics	Rugby & Table Tennis	Athletics & Cricket	Athletics & Rounders
Music	Caribbean & Reggae - Learning key techniques in Caribbean music and how culture influenced the development of this music.	Guitar Bands - Learning the skills needed to play a guitar, how to read guitar tabs and repertoire which is performed as a band.	Film soundtracks - The skills needed to compose music for a film advert using leitmotifs, composition skills and timelines	Musical Theatre- Looking at the way songs and music have been used on stage to educate and communicate through singing and stage techniques.	Hooks & Riffs explores music based on repeated musical patterns through Popular Music (Hooks and Riffs) and Music from the Western Classical Tradition (Ostinatos).	Music - Rap Music - Learning the key features/ development of the style, its use of rhythm /metre and performing a version of a rap song.
Performing Arts Acting & Dance Rotating every 6 lessons	Shakespeare's 'As You Like It' - Exploring the various stages of the 'Seven Ages of Man' speech and how to develop a text into a play. Develop understanding of the language and working in groups to produce self devised plays for performance.  Thriller - Learning dance performance techniques and studying the Thriller video dance sequences. Developing understanding of the impact of the video in the development of a new industry.		Murder Mysteries- Exploring the concept and structure of the murder mystery plays. Develop understanding of structure, stock characters and work in groups to produce self devised plays for performance.  Bollywood - Learning knowledge and movements from a different culture and how the performance techniques change. Developing understanding of how the culture and religion influenced the styles development.		Greek Masks - Learning about ancient Greek theatres and the use of the masks to communicate characters. Developing performance techniques using masks and working in groups to produce self devised plays for performance.  Musical Theatre - Learning key movements and techniques from a musical theatre style West Side Story. Exploring contact performance techniques and . understanding of how culture influenced the styles development.	
Religious Studies	A Just War	Pilgrimage (With focus on Christianity, Hinduism and Islam)	Authority: Religious Rules (With focus on Judaism and Islam)	Poverty and charity	Faith in Britain	Religion and LGBTQ+
Personal Development & Citizenship	6x Healthy Active Lifestyle, 1x assessment lesson, 1x INTENT lesson - smoking and vaping prevention programme	6x relationships and sex education - 2x current affairs quiz	1x assessment lesson, 5x careers lessons	2x careers lessons, 1x assessment lesson, 2x citizenship & British Values lessons, 1x INTENT lesson- smoking and vaping prevention programme.	6x Citizenship & British Values lesson	1x assessment lesson, 5x mental health & wellbeing lessons, 1x assessment lesson