



## Beacon Academy Curriculum Topics Year 10



Subject	Term 1		Term 2		Term 3	
	1.1	1.2	2.1	2.2	3.1	3.2
Art (Fine)	Foundation Project - Naturals - Line, Tone, Texture, Pattern.	Foundation Project - Naturals - Colour, Shape and Form.	Sustained Project - Portriture - Proportion, the eye, the nose, the mouth, the ear.	Sustained Project - Portriture - The full face, anatomy, pencil portraits, pen portraits, coloured pencil portraits, pastel portraits.	Sustained Project - Portriture - mixed media portraits, Andy Warhol Print Portraits, Acrylic Paint, Sculpture.	Introduction to Personal Response - Initial Drawings, Artist Research, Development and Experimentation, Development of final piece idea.
Art (Photography)	Foundation Project - equipment, sketchbook, rules of photography, editing	Foundation Project - contrast, colour, colour splash, review.	Sustained Project - portriture, lighting, photographers, photomontage.	Sustained Project - Barbara Kruger, Pop Art, Warhol, Koklov, Double Exposure, Contemporary.	Sustained Project - Contemporary Photography, Adesokan, Tolini, Cosba, Work review.	Introduction to Personal Response - Initial Drawings, Artist Research, Development and Experimentation, Development of final piece idea.
Art (Graphics)	The Fundamentals Of Design - Typography	The Fundamentals Of Design - Colour and Typography	The Fundamentals Of Design - Shape and Typography	Sustained Project based on a title chosen by the student	Sustained Project based on a title chosen by the student	Sustained Project based on a title chosen by the student
Art (Textiles)	Natural Forms Project - Skills and Processes	Natural Forms Project - Skills and Processes	Natural Forms Project - Skills and Processes	Natural Forms Project - Skills and Processes	Natural Forms Project - Personal Responces	Natural Forms Project - Personal Responces
Mathematics	Algebra - expanding and factorising quadratics. Link to graphing of quadratics HIGHER ONLY - expanding 3 binomials, completing the square, quadratic formulae. Angles - Angles in polygons, in parallel lines HIGHER ONLY - circle theorems	Percentages - recap all percentages work and include compund interest rates HIGHER ONLY - link to logs Ratio and proportion - linking ratio and fractions, simplifying ratio (including 3), n:1, share into a ratio, ratio as linear function, best buy, recipes, currency, direct and inverse proportion, recognising graphs	Probability - calculating probabilities, probabilities from combined events, probability from venn diagrams/two way tables. Probability trees for dependent and independent events, HIGHER ONLY - probability trees for conditional events. Link probability trees, venn diagrams and 2 way tables.	Pythagoras and trigonometry HIGHER ONLY - trigonometry in non right-angled triangles (sine and cosine rule)	Sequences HIGHER ONLY - functions Similarity and congruence	Equations and inequalities - solving equations and inequalities, forming equations HIGHER ONLY iteration and quadratic inequalities FOUNDATION ONLY - Area and perimeter recp
Science	Organisation of the Digestive System. Organising Animals and Plants. Structure and Bonding.	Energy Resources. Electric Circuit. Chemical Calculations. Chemical Changes.	Communicable Diseases. Electricity in the Home. Molecules and Matter.	Preventing and Treating Diseases. Non-communicable Diseases. Radioactivity. Forces in Balance.	Electrolysis. Energy Changes. Motion. Force and Motion.	Photosynthesis. Respiration. Rates and Equilibrium.
English	<b>Literature Focus:</b> Modern Drama - An Inspector Calls	<b>Language Focus:</b> Study of the English Language - Explorations in Creative Reading. <b>Literature focus:</b> 19th century novel - A Christmas Carol	<b>Language Focus:</b> Study of the English Language - Writers' viewpoints and perspectives <b>Literature Focus:</b> A Christmas Carol cont.	<b>Literature Focus:</b> EDEXCEL Poetry Anthology - Conflict	<b>Language Focus:</b> Creative and Viewpoint Writing -developing narrative, descriptive and viewpoint writing skills <b>Literature Focus:</b> Shakespeare ( <i>Romeo and Juliet</i> )	<b>Language Focus:</b> GCSE Speaking and Listening component <b>Literature Focus:</b> Shakespeare cont. Unseen poetry
iMedia	R094 Coursework	R094 Coursework	R094 Coursework	R095 Coursework	R095 Coursework	R095 Coursework
French	Free time activities: music, cinema and TV, food and eating out, sport	Home, town, neighbourhood and region	Relationships with family and friends; marriage and partnership	Holidays, travel and tourism	Social issues, health and lifestyle	The Environment and global issues

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Engineering	Theory content - Materials	Theory content - Sources of energy	Theory content - manufacturing methods	Theory content - Systems engineering	Theory content - New and emerging technologies	Theory content - Testing and Investigation
Design & Technology	Theory content - Unit 1 - New and emerging Technologies & Unit 2 - Energy, Materials, systems and devices	Theory content - Unit 3 - Materials	Theory content - Unit 4 - Common and Specialist Technical Principles	Unit 5 - Specialist Technical Principles - Materials.		Preparation for Y11 final NEA
	MOCK NEA COURSEWORK - Encompassing Unit 6 - Designing Principles and Unit 7 - Making Principles					
History	Britain: Health and the Public 1000-date	Britain: Health and the Public 1000-date	America 1920-1973	America 1920-1973	Interwar: 1919 - 1939	Interwar: 1919 - 1939
Geography	(1b) Living world		(2a)Urban World		(1c)coasts	(1c) rivers
PE Boys	Football. Basketball. (Options based)	4 x Cross Country. Fitness. Dance and Gymnastics. Golf and Rugby Coaches.	OAA / Golf and Rugby Coaches.	Table Tennis. Badminton. (Options based)	Athletics	Cricket & Rounders (options based)
PE Girls	Netball. Football. (Options based)	4 x Cross Country. Dance and Gymnastics. Fitness.	Rugby / Golf and Rugby Coaches.	Badminton. Table Tennis. (Options based)	Athletics	Cricket & Rounders (options based)
Dance	Initial Assessment- Learners will engage in exploring dance performances, rehearsals, warmup techniques and learning about dance styles / key techniques.		Unit 1 - Exploring the Performing Arts - Learners will develop their understanding of the performing arts by examining the work of performing arts professionals and the processes used to create dance performance.		Unit 2 - Developing Skills & Techniques in The Performing Arts Learners will develop their performing arts skills and techniques through the reproduction of dance as a performer.	
Acting	Initial Assessment- Learners will engage in exploring dramatic skills in performance workshops, developing a scripted plays, technique theory and dramatic styles.		Unit 1 - Exploring the Performing Arts - Learners will develop their understanding of the performing arts by examining the work of performing arts professionals and the processes used to create drama performance.		Unit 2 - Developing Skills & Techniques in The Performing Arts Learners will develop their performing arts skills and techniques through the reproduction of acting as a performer.	
Music	Learners will develop their practical skills cocurrently with the study of course material for Area of Study 1 - Historical Music from 1600 to 1910		Learners will develop their practical skills cocurrently with the study of course material for Area of Study 2 - Popular Music		Learners will develop their practical skills cocurrently with an introduction to composition and the consolidation of knowledge from Aera of Study 1 and 2	
Sports Science (2022 specification onwards)	Unit R181 - Applying the principles of training: fitness and how it affects skill performance			Unit R183 - Nutrition and sports performance		
RS	Christian Beliefs	Religion and life	Hinduism beliefs	Relationships and families	Christianity practices	Crime and punishment

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Psychology	<b>Criminal Psychology and research methods</b> - look into theories of criminal behaviour and studies to investigate with aspects of research methods taught throughout	<b>Criminal psychology assessment -</b> Development and research methods look into theories about child development and learning with research methods taught throughout.	<b>Development and research methods</b> - look into theories about child development and learning with research methods taught throughout.	<b>Psychological problems</b> - Looking into biological and psychological explanations for mental health conditions.	<b>Psychological problems</b> - Looking into biological and psychological explanations for mental health conditions.	Paper 1 revision and exam practice. <b>Memory</b> - Learning about parts of the brain responsible for memory and theories about forgetting and remembering.
Statistics	<b>Processing and representing data:</b> Tables, pictograms, Bar charts, Stem and leaf, Pie charts and comparative pie charts	<b>Processing and representing data:</b> Population pyramids, choropleth maps, histograms and frequency polygons, cumulative frequency charts, shape of distribution and misleading diagrams	<b>Collection of data:</b> Describing data, Grouping data, Primary and secondary data, Populations, Capture-recapture, Types of sampling and Stratified sampling	<b>Collection of data:</b> Collecting data and problems with collected data, Questionnaires and interviews, controlling extraneous variables, hypotheses and designing investigations	<b>Summarising data:</b> Averages, Averages from a table, Transforming data, Geometric and weighted mean, measures of dispersion, Standard deviation, Box plots, outliers, skewness and comparing data sets.	<b>Scatter Diagrams and correlation:</b> Scatter diagrams, Correlation, Casual relationships, line of best fit, Interpolation and extrapolation, Equation of line of best fit, Spearman's rank correlation coefficient and Pearson's product moment correlation coefficient.
Health and Social Care	The Rights of Service Users in Health and Social Care Settings	Person-centred Values	Effective Communication in Health and Social Care Settings	Protecting Service Users and Service Providers in Health and Social Care Settings	Supporting Individuals through Life Events	
Personal Development & Citizenship ( <i>lesson completed as part of the form time programme</i> )	7x Careers lessons	5x careers lessons, 1x intent lesson, 2x current affairs quiz	3x careers lessons, 1x assessment lesson, 2x relationships and sex education lessons,	6x relationships and sex education lessons	1x assessment lesson, 1x INTENT lesson - smoking and vaping prevention programme, 2x healthy active lifestyle lessons, 2x mental health and wellbeing lessons, 1x assessment lesson	6x Citizenship & British Values lessons, 1x assessment lesson.