



Beacon Academy Curriculum Topics Year 9



| Subject | Term 1 | | Term 2 | | Term 3 | |
|--------------------------|---|---|--|--|--|--|
| | 1.1 | 1.2 | 2.1 | 2.2 | 3.1 | 3.2 |
| Art | Shape in Photography - Photography Skills with an Emphasis on Shape and Photographers that use Shape and Graphic Design Project - To use their Prints from The last project to create a Magazine cover for an Art Magazine | From Realism to Abstraction - Observation - A project designed to look at primary and secondary Observational Drawing - Artist Focus Albrecht Durer | From Realism to Abstraction - Different Ways of Looking - A Project Designed to teach the students different ways of using Observation - Drawing Techniques | From Realism to Abstraction - Different Ways of Looking - A Project Designed to teach the students different ways of using Observation - Artist Focus Piet Mondrian | From Realism to Abstraction - Drawing From a drawing - A project Designed to encourage students to embrace Failure/Risk Taking in their work - Artist Focus Louise Bradley | From Realism to Abstraction - Drawing From a drawing - Print Making - A project Designed to develop the work they have created so far to make their own prints - Artist Focus Tessa Horrocks |
| Mathematics | 2D/3D Geometry - 1) recap area of quadrilaterals and triangles 2) circumference and area of a circle 3) visualise and identify 3D shapes and their nets 4) volume and surface area of cube, cuboid, triangular prism, cylinder, and other composite 3D shapes 5) conversion between length units and between area units | Algebraic expressions - 1) sequences including arithmetic and geometric 2) expansion 3) factorisation 4) algebraic manipulation | Graphs and proportion - 1) Cartesian coordinates 2) Linear graphs - tables of values, plotting linear graphs 3) gradient and y-intercept 4) Direct and inverse proportion (including graphs) | Geometry - 1) Pythagoras' Theorem in RA triangles 2) Pythag. In isosceles 3) Pythag. In 3D 4) Trigonometry - finding a missing side 5) Trig. In 3D (missing sides only) 6) explore exact trig ratios | GCSE UNITS START HERE 1) Fractions and decimals. 2) Recurring decimals to fractions 3) Index Laws | 1) standard form 2) Rounding estimation and accuracy. 3) Surds |
| Science - Sets a1 and b2 | Physics New Technology. Physics Detection. | Chemistry New Technology. Turning Points in Chemistry. | Biology Detection. Chemistry Detection. | Conservation and Dissipation of Energy. Energy Transfer by Heating. | Cell Structure and Transport. Cell Division. | Atomic Structure. The Periodic Table. |
| Science - Sets a2 and b3 | Physics New Technology. Physics Detection. | Chemistry New Technology. Turning Points in Chemistry. | Biology Detection. Chemistry Detection. | Atomic Structure. The Periodic Table. | Conservation and Dissipation of Energy. Energy Transfer by Heating. | Cell Structure and Transport. Cell Division. |
| Science - Sets a3 and b1 | Physics New Technology. Physics Detection. | Chemistry New Technology. Turning Points in Chemistry. | Biology Detection. Chemistry Detection. | Cell Structure and Transport. Cell Division. | Atomic Structure. The Periodic Table. | Conservation and Dissipation of Energy. Energy Transfer by Heating. |
| English | Dystopian Worlds: a range of fiction and non-fiction extracts Class novel - Animal Farm | | Shakespeare - Richard iii OR The Tempest (extracts only) | Shakespeare cont. English Language skills - fiction and non-fiction writing. | Romantic Poetry and the Age of Enlightenment - close analyse of thematically linked poems, comparing content, theme, structure and language. | Modern Short Stories |
| ICT | Online Safety | Comic Unit - Students plan and create their own comic using Serif. | Careers in ICT | Media | Pre Production | Digital Graphics |

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| French | All about me | Celebrities | Home | Town | Bastille Day Project | Career ambitions |
| Design & Technology | Micro:Pet Project - Coding - blocks and java. Design communication. Researching work of others, sketching, physical modelling. | Micro:Pet Project - Coding - Computer aided design, Computer aided manufacturing. Testing and evaluation. | Engraved Acrylic Lamp Project - Simple electronics, soldering, research work of others, exisiting product evaluation. | Engraved Acrylic Lamp Project - Computer aided design, Computer aided manufacture, design iteration, manufacturing, testing and | Cross-curricular project with Music Department | Cross-curricular project with Music Department |
| History | Enslavement | The Industrial Revolution | The Industrial Revolution | Crime and Punishment over Time | Crime and Punishment over Time | Civil Rights Movement |
| Geography | Glaciation/ Cold environments | Energy and resources | Asia | Tectonics | Global/Urbanisation | Climate change & Sustainability |
| 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 |
| Performing Arts Dance - Acting - Music Rotating Every 6 Weeks | Music - History of Music - A whistlestop tour of the history of music, learning about notable composers, key pieces of work, and why it's all still relavent today | | Music - Music in advertising - Learning how music is used to advertise products, before creating your own company and product and writing your own music for the advert | | Music - Samba Band Learning the key features/ development of the style, its use of polyrhythms and performing a version of a barracuda. | |
| | Drama - Spoils of War (Holocaust) - Exploring the text of Anne Frank's diaries and developing self devised plays in groups based on the themes for performance. | | Drama - Our Day Out - Exploring a scripted play by Willy Russell and learning how the develop a script from page into performance using previously learnt techniques. | | Drama - Dr Jekyll & Mr Hyde - Exploring a historical scripted play and learning how the develop a script from page into performance using previously learnt techniques. | |
| | Dance - Grease Lightning - Learning sequences from the musical, performing a version of Grease Lightning utilising stage rostra and levels. | | Dance American line Dance - Learning sequences from the style, exploring the background influences on the style and performing a version of the dance using the wall techniques. | | Dance - Sport in Dance - Exploring how to develop a dance performance from visual images and video feeds. | |
| Religious Studies | Does Evil exist? | Ethics in the modern world | Humanism | Religion and the environment (Fo | Value of life | What happens when we die? |
| Personal Development & Citizenship | 5x healthy, active lifestyle lessons, 1x assessment lesson, 1x relationships and sex eudcation lesson | 5x relationships and sex education lessons, 1x INTENT lesson - smoking and vaping prevention programme, 2x current affairs quiz | 1x relationships and sex education lesson, 1x assessment lesson, 4x careers lessons | 3x careers lessons, 1x assessment lesson, 2x citizenship & British values lessons | 5x citizenship & British values lessons, 1x INTENT lessons - smoking and vaping prevention programme. | 1x citizenship & British values lesson, 1x assessment lesson, 6x metnal health and wellbeing lessons, 1x assessment lesson |