

# TABLES OF CURRICULUM CONTENT BY SUBJECT AND YEAR 2014 - 2015

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## ART KEY STAGE 3

<b>YEAR 7</b>	<b>Curriculum content covered</b>
Term 1	Drawing: Line, tone, texture, form, shape, proportion, perspective, ellipses, negative/positive space, composition. Techniques taught will include: monoprint, pencil, charcoal, fine liner, watercolour, wax resist. Project work to include visit to Tate Britain Small art history component and introduction to analysing artwork and presentation skills.
Term 2	Colour: Recording and analysis of colour. Exploration of colour theory. Formal analysis of the work of a range of artists relevant to the theme. Paint (acrylic, watercolour). Be taught brush/handling painting skills, how to mix colours and paint colour wheel. Investigation of cultural patterns and artwork.
Term 3	Environment: Drawing in perspective, architecture, landscape and the environment. Students will work in clay to create a flat tile based on an architectural idea. Students will be introduced to different construction ideas in lessons to support project work. Project work to include sculpture for the Fourth Plinth
<b>YEAR 8</b>	<b>Curriculum content covered</b>
Term 1	The Body: 'Me as Beast Project'. Photoshop editing and drawing skills are the focus for this term.
Term 2	Body Adornment project and completion of 'Me as Beast' drawings. Students taught about paper construction techniques in lessons as well as a continuation of drawing techniques and presentation, analysis and design through project work.
Term 3	'This important Person' Researching and developing a body of work relating to self-portraiture. Students will be introduced to recording proportions of the face and body by first hand observation and also using techniques for gridding up.
<b>YEAR 9</b>	<b>Curriculum content covered</b>
Term 1	To develop students as independent learners and develop a wider understanding and appreciation of Art. To build a foundation for GCSE and good working habits. Identity: Working on drawing, research, design and making skills. Helping students to work independently and to help them generate their own individual solutions to design briefs. Introduction to 'another identity' project
Term 2	Project work in lesson time, looking at childhood and language within art, with a focus on the work of Tom Phillips. Bringing in collage, painting and printmaking.
Term 3	Text and language in Art. They will research art forms that have been used for the expression of 'issues'. Looking at Truisms and printmaking techniques including screen printing.

## ART KEY STAGE 4

<b>YEAR 10</b>	<b>Curriculum content covered</b>
Term 1	Researching artists; drawing. Start 'Food' painting project. Sculpture. Sketchbook making.
Term 2	Continue 'Food' painting project. Oil Painting. Start Figure Portrait project.
Term 3	Complete Figure Portrait Project.
<b>YEAR 11</b>	<b>Curriculum content covered</b>
Term 1	Non-figurative self-portrait project. Alginate and Plaster Casting. Individual Project (mock)
Term 2	Individual Project (GCSE)
Term 3	Review & refine GCSE work

## ART KEY STAGE 5

<b>YEAR 12</b>	<b>Curriculum content covered</b>
Term 1	'Home' Project (including photography); Begin 'Rituals' Project (including ceramics)
Term 2	Complete 'Rituals' Project (including ceramics.) Individual Project.
Term 3	Individual project continued; prepare for exhibition.
<b>YEAR 13</b>	<b>Curriculum content covered</b>
Term 1	Individual Project (including essay, presentation & 3 final pieces.)
Term 2	Individual Project 2 (A Level exam.)
Term 3	Finish & refine work; prepare for exhibition.

**BUSINESS STUDIES KEY STAGE 4**

<b>Year 10</b>	<b>Curriculum content covered</b>
Term 1	Unit 1 Introduction to Small Business 1.1 Spotting a business opportunity 1.2 Showing Enterprise 1.3 Putting a business idea into practice
Term 2	1.4 Making the start-up effective 1.5 Understanding the economic context
Term 3	Unit 2 Investigating a Small Business Mock controlled assessment Actually controlled assessment
<b>Year 11</b>	<b>Curriculum content covered</b>
Term 1	Unit 3 Building a Business 3.1 Marketing 3.2 Meeting customer needs 3.3 Effective financial management
Term 2	3.4 Effective people management 3.5 The wider world affecting business
Term3	3.5 The wider world affecting business

**CITIZENSHIP KEY STAGE 3**

<b>YEAR 7</b>	<b>Curriculum content covered</b>
Term 1	
Term 2	
Term 3	Charities, including taxation
<b>YEAR 8</b>	<b>Curriculum content covered</b>
Term 1	
Term 2	
Term 3	The media in the UK

<b>YEAR 9</b>	<b>Curriculum content covered</b>
Term 1	
Term 2	
Term 3	The UK Political System

### CITIZENSHIP KEY STAGE 4

<b>YEAR 10</b>	<b>Curriculum content covered</b>
Term 1	The UK Political System (continued from Y9)
Term 2	The Law
Term 3	Banking, personal finance & financial systems
<b>YEAR 11</b>	<b>Curriculum content covered</b>
Term 1	Human Rights
Term 2	Global Citizenship

### DRAMA KEY STAGE 3

<b>YEAR 7</b>	<b>Curriculum content covered</b>
Term 1	N/A
Term 2	N/A
Term 3	N/A
<b>YEAR 8</b>	<b>Curriculum content covered</b>
Term 1	'The Search for Odysseus' by Charles Way incorporating some Greek Theatre
Term 2	Commedia dell'Arte
Term 3	Shakespeare's Stories

YEAR 9	Curriculum content covered
Term 1	Naturalism and Realism using 'Confusions' by Alan Ayckbourn
Term 2	Physical Comedy
Term 3	Acting Ages – learning specific physicality and breaking stereotypes

## DRAMA KEY STAGE 4

YEAR 10	Curriculum content covered
Term 1	Introduction to GCSE skills and devising
Term 2	Polished improvisation from a poem stimulus
Term 3	The Crucible devised work
YEAR 11	Curriculum content covered
Term 1	Physical Theatre
Term 2	Scripted performance
Term 3	Revision
Throughout	Written examination tasks

## DRAMA KEY STAGE 5

YEAR 12	Curriculum content covered
Term 1	DRAM1: 'A Doll's House' by Henrik Ibsen Analysis of Live Theatre
Term 2	Significant Theatre Practitioners e.g. Frantic Assembly Practical DRAM2 Scripted Performance
Term 3	Revision
YEAR 13	Curriculum content covered
Term 1	DRAM2: 'Our Country's Good' by Timberlake Wertenbaker 'Lady Windermere's Fan' by Oscar Wilde
Term 2	Significant Theatre Styles e.g. Epic Theatre Practical DRAM4 Devised Performance
Term 3	Revision

## DESIGN & TECHNOLOGY KEY STAGE 3

YEAR 7	Curriculum content covered
Term 1	<ol style="list-style-type: none"> <li>1) What is Design and Technology?</li> <li>2) Being safe and working independently in the workshop # 1</li> <li>3) The designer and the user</li> <li>4) Designing and making with resistant materials</li> </ol>
Term 2	<ol style="list-style-type: none"> <li>1) Eco design; sustainability in design and manufacturing</li> <li>2) Designing in quantity: understanding levels of production</li> <li>3) Testing, evaluation and modification during design and production</li> <li>4) Designing and making with electronic components</li> </ol>
Term 3	<ol style="list-style-type: none"> <li>1) Communicating our ideas – computer aided designing</li> <li>2) Communicating our ideas – orthographic, isometric and presentation drawings</li> <li>3) Manufacturing processes at school</li> <li>4) Designing and making with fabric, including decorative techniques</li> </ol>

<b>YEAR 8</b>	<b>Curriculum content covered</b>
Term 1	<ol style="list-style-type: none"> <li>1) Systems and control</li> <li>2) Planning for volume manufacture</li> <li>3) Mathematical modelling</li> <li>4) Spatial design – architectural design and modelling</li> </ol>
Term 2	<ol style="list-style-type: none"> <li>1) Communicating our ideas – verbally explaining your design decisions</li> <li>2) Being safe and working independently in the workshop #2</li> <li>3) Manufacturing processes in industry; how to prototype your ideas authentically</li> <li>4) Working with resistant materials; designing and making with wood and manufactured board</li> </ol>
Term 3	<ol style="list-style-type: none"> <li>1) Ergonomics and anthropometrics in design</li> <li>2) Mechanisms – basic principles and applications, including paper engineering</li> <li>3) Understanding the purpose of design</li> <li>4) Designing and making with fabric, including CAM</li> </ol>
<b>YEAR 9</b>	<b>Curriculum content covered</b>
Term 1	<ol style="list-style-type: none"> <li>1) Being safe and working independently in the workshop #3</li> <li>2) Design history and cultural influences – what is iconic design?</li> <li>3) SMART materials in design</li> <li>4) Working in compliant materials; designing with fabric, including tailoring</li> </ol>
Term 2	<ol style="list-style-type: none"> <li>1) Understanding form and function in design</li> <li>2) Designing the future: 3D, additive and dye sub printing technologies</li> <li>3) Cross curricular opportunities – designing for real needs and markets</li> <li>4) Working in resistant materials; designing with metal, plastic and wood</li> </ol>
Term 3	<ol style="list-style-type: none"> <li>1) Design history and influence –what makes an iconic design?</li> <li>2) Innovation and evolution in design</li> <li>3) Modelling techniques – traditional and new technologies – eg. rapid prototyping</li> <li>4) Design and illustration with card and paper, including scale modelling</li> </ol>



## DESIGN & TECHNOLOGY KEY STAGE 4

<b>YEAR 10</b>	<b>Curriculum content covered: GCSE courses in Graphics, Product Design &amp; Textiles</b>
Term 1	Skills projects: Tailoring; decorative techniques; materials fabrication; modelling; CAD/CAM; user profiling; product analysis; Effective use of ICT; drawing techniques; etc.
Term 2	Skills projects continued: Ergonomics and anthropometrics; Design influences; Product evolution
Term 3	Independent coursework project: Research and design; Design theory
<b>YEAR 11</b>	<b>Curriculum content covered: GCSE courses in Graphics, Product Design &amp; Textiles</b>
Term 1	Independent coursework project – design and make; Design theory
Term 2	Independent coursework project – making and testing; Design theory
Term 3	Design theory; Exam revision

## DESIGN & TECHNOLOGY KEY STAGE 5

<b>YEAR 12</b>	<b>Curriculum content covered: AS/A2 Product Design – Resistant Materials and Graphics (Exam board: Edexcel) AS/A2 Textiles Design (Exam board: AQA)</b>
Term 1	Theory - Materials – classification and use; industrial processes; Smart and new materials. Coursework – product investigation
Term 2	Theory - New technology; design history; ethics and philosophy of professional design. Coursework – design and modelling task
Term 3	Theory - Ergonomics; design evolution; sustainable design and manufacturing and revision. Coursework – manufacturing task
<b>YEAR 13</b>	<b>Curriculum content covered</b>
Term 1	Theory - Professional practice; modern manufacturing and management systems Coursework – Independent design and make project
Term 2	Theory - Anthropometrics; marketing; ICT in design and marketing; globalisation Coursework – Independent design and make project
Term 3	Theory - Revision and exam preparation Coursework – Independent design and make project

## ECONOMICS KEY STAGE 5

<b>Year 12</b>	<b>Curriculum content</b>
Term 1	Competitive Markets (microeconomics)
Term 2	Managing the Economy (macroeconomics)
Term 3	Revision and exam practise. Introduction to the A2 course (Unit 3)
<b>Year 13</b>	<b>Curriculum content</b>
Term 1	Business Economics and Economic Efficiency (microeconomics)
Term 2	The Global Economy (macroeconomics)
Term 3	Revision and exam practise

## ENGLISH KEY STAGE 3

<b>Year 7</b>	<b>Curriculum content</b>
Term 1	20 <sup>th</sup> century fiction; selection of poems; pre-20 <sup>th</sup> century fiction
Term 2	Pre-20 <sup>th</sup> century narrative poetry; Greek or Arthurian mythology; newspapers
Term 3	20 <sup>th</sup> century fiction; extended creative writing
<b>Year 8</b>	<b>Curriculum content</b>
Term 1	20 <sup>th</sup> century fiction; pre-20 <sup>th</sup> century poetry – lyric or medieval
Term 2	Shakespeare play; advertising; 20 <sup>th</sup> century fiction
Term 3	Pre-20 <sup>th</sup> century fiction; 20 <sup>th</sup> century poetry; extended creative writing
<b>Year 9</b>	<b>Curriculum content</b>
Term 1	Pre-20 <sup>th</sup> century fiction; Shakespeare play
Term 2	Pre-20 <sup>th</sup> century poetry; 20 <sup>th</sup> century fiction
Term 3	20 <sup>th</sup> century play; creative writing; 20 <sup>th</sup> /21 <sup>st</sup> century poetry

## ENGLISH KEY STAGE 4

Year 10	Curriculum content
Term 1	20 <sup>th</sup> century fiction; Shakespeare play; summary skills
Term 2	20 <sup>th</sup> century play; First World War poetry
Term 3	Summary and stylistic analysis skills; 20 <sup>th</sup> century poetry
Year 11	Curriculum content
Term 1	Creative writing; summary and stylistic analysis skills; 20 <sup>th</sup> century fiction; 20 <sup>th</sup> century poetry
Term 2	Spoken Language study; summary and stylistic analysis skills; 20 <sup>th</sup> century poetry
Term 3	Revision of all skills and all set texts

## ENGLISH KEY STAGE 5

Year 12	Curriculum content
Term 1	<i>Pride and Prejudice</i> and three of the following: <i>A Room with a View</i> ; <i>Washington Square</i> ; <i>The Great Gatsby</i> ; <i>A Month in the Country</i> ; <i>Cold Comfort Farm</i> ; Sylvia Plath poetry; Unseen poetry
Term 2	<i>Murmuring Judges</i> or <i>Oleanna</i> ; Ted Hughes poetry; Sylvia Plath poetry; Creative writing and analysis of it
Term 3	Revision
Year 13	Curriculum content
Term 1	<i>The Rape of the Lock</i> ; <i>Tess of the d'Urbervilles</i> ; <i>The Changeling</i> ; <i>The Handmaid's Tale</i> ; <i>The Turn of the Screw</i> ; <i>The Revenger's Tragedy</i> ; Unseen poetry
Term 2	<i>Hamlet</i> ; Donne poetry; Unseen poetry
Term 3	Revision

## FILM STUDIES KEY STAGE 5

Year 12	Curriculum content
Term 1	Analysis of cinematography in a film sequence chosen by the student. Borders and Belonging: <i>Last Resort</i> (2000); <i>Gypo</i> (2005); <i>Dirty Pretty Things</i> (2002) Producers & Audiences - Studying the Film Industry; Practical Film Making
Term 2	Westerns: <i>Seven men from Now</i> (1956); <i>The Professionals</i> (1966) Producers & Audiences - Studying the Film Industry cont. Borders and Belonging: <i>Last Resort</i> (2000); <i>Gypo</i> (2005); <i>Dirty Pretty Things</i> (2002) cont.
Term 3	Revision of: 1) Westerns 2) Producers & Audiences 3) Borders & Belonging
Year 13	Curriculum content
Term 1	Research project on director/topic chosen by student Practical film making. Japanese film: <i>Rashomon</i> (1950) ; <i>Early Summer</i> (1951) ; <i>Godzilla</i> (1954) ; <i>24 Eyes</i> (1954) Documentary
Term 2	Completion of research project Set film: <i>Battle of Algiers</i> (1966)
Term 3	Revision of: 1) Japanese film 2) Documentary 3) <i>Battle of Algiers</i> (1966)

## GEOGRAPHY KEY STAGE 3

Year 7	Curriculum content
Term 1	What is Geography and Settlement
Term 2	Map Skills and Rivers
Term 3	Weather & Climate and Coasts
Year 8	Curriculum content
Term 1	Our World Cultures and Physical Landscapes
Term 2	Restless Earth and Crime
Term 3	Ecosystems and The Environments of Africa
Year 9	Curriculum content
Term 1	Inequalities in Development and Globalisation.
Term 2	Food and Tourism.
Term 3	Cities & Population and Climate Change

## GEOGRAPHY KEY STAGE 4

Year 10	Curriculum content
Term 1	Changing Urban Environments
Term 2	The Restless Earth
Term 3	The Coastal Zone & The Development Gap
Year 11	Curriculum content
Term 1	The Development Gap & CCA
Term 2	Globalisation & Challenges of Weather & Climate
Term 3	Revision & Exams

## GEOGRAPHY KEY STAGE 5

Year 12	Curriculum content
Term 1	Global Hazards, Globalisation & Extreme Weather
Term 2	Global Climate Change, Population & Rebranding Places
Term 3	Revision & Exams
Year 13	Curriculum content
Term 1	Water Conflicts, Biodiversity Under Threat, Energy Security
Term 2	Superpower Geographies, Bridging the Development Gap, The Technological Fix
Term 3	Geographical Research, Revision & Exams

### HISTORY KEY STAGE 3

<b>Year 7</b>	<b>Curriculum content</b>
Term 1	Medieval Realms: the Norman Conquest to the Black Death
Term 2	The Renaissance
Term 3	The Making of the United Kingdom from the Wars of the Roses to Elizabeth I
<b>Year 8</b>	<b>Curriculum content</b>
Term 1	The Making of the United Kingdom from the Gunpowder Plot to the Glorious Revolution
Term 2	Expansion, Trade and Industry: Britain's Industrial Revolution
Term 3	The British Empire including the slave trade
<b>Year 9</b>	<b>Curriculum content</b>
Term 1	The Twentieth Century World from the sinking of the Titanic to the brink of the Great War
Term 2	The Twentieth Century World from the Great War to the Second World War
Term 3	The Twentieth Century World from the Second World War to the Cold War

### HISTORY KEY STAGE 4

<b>Year 10</b>	<b>Curriculum content</b>
Term 1	Edexcel History GCSE (SHP) Specification B: Medicine and public health in Britain c.50AD to the present day
Term 2	Edexcel History GCSE (SHP) Specification B: the transformation of surgery c.1845 – c.1918
Term 3	Edexcel History GCSE (SHP) Specification B: Germany 1918-45
<b>Year 11</b>	<b>Curriculum content</b>
Term 1	Edexcel History GCSE (SHP) Specification B: Germany 1918-45
Term 2	Edexcel History GCSE (SHP) Specification B: Controlled Assessment
Term 3	Edexcel History GCSE (SHP) Specification B: Revision

## HISTORY KEY STAGE 5

Year 12	Curriculum content
Term 1	OCR History A: Lancastrians, Yorkists and Tudors 1450-1509 and the German Reformation 1517-1555
Term 2	OCR History A: Lancastrians, Yorkists and Tudors 1450-1509 and the German Reformation 1517-1555
Term 3	OCR History A: Lancastrians, Yorkists and Tudors 1450-1509 and the German Reformation 1517-1555
Year 13	Curriculum content
Term 1	OCR History A: Russia and its Rulers 1855-1964 and Elizabeth I 1558-1603
Term 2	OCR History A: Russia and its Rulers 1855-1964 and Elizabeth I 1558-1603
Term 3	OCR History A: Russia and its Rulers 1855-1964 and Elizabeth I 1558-1603

## LATIN KEY STAGE 4

Year 10	Curriculum content
Term 1	Basic Latin grammar and simple translations
Term 2	More complex Latin Grammar. Introduction to Virgil: Aeneid Book IX.
Term 3	Virgil Aeneid Book IX and 3 letters by Pliny
Year 11	Curriculum content
Term 1	Complete Virgil, Pliny and Latin language.
Term 2	Revision (focus on literary criticism)
Term 3	Revision

### MATHEMATICS KEY STAGE 3

Year 7	Curriculum content
Term 1	Calculator and investigative skills; number systems; statistical diagrams; constructions; calculations; fractions; algebra
Term 2	Number properties, sequences, units and scales, percentages, measuring 2d and 3d shapes, probability
Term 3	Functions and graphs, transformations, properties of shape
Year 8	Curriculum content
Term 1	Algebra; functions and graphs; sequences; calculations; probability; 2D and 3D shapes
Term 2	Units and scales; fractions; ratio and proportion; statistical diagrams; measures
Term 3	Properties of shape; percentages; number systems; number properties

Year 9 Sets 1-4	Curriculum Content
Term 1	Venn diagrams. Similarity and congruence with 2D shapes. Vectors. Straight Line Graphs. Moving averages. Index Laws. Standard form. Probability. Trigonometry for right-angled triangles. Formulae and Sequences
Term 2	Tree diagrams. Using and applying the equation $y = mx + c$ . Volume and surface area of prisms. Percentages Graphical solution of simultaneous equations. Pythagoras' theorem and 3D coordinates. Constructing polygons. Inequalities. Calculating with grouped data
Term 3	Fractions. Angles. Bounds. Numerical methods. Transformations Solving simultaneous equations algebraically. Surface areas and volumes (non-prisms). Factorising Quadratics. Catch up – time to spend on any topics that students would benefit from revisiting.

Year 9 Sets 5-6	Curriculum Content
Term 1	Venn diagrams. $Y = mx + c$ . FDP. Construction. Decimals. Representing data. Angles in polygons. Expand and simplify. Correlation
Term 2	Bounds/tolerance. Enlargements. MMR. Probability. Indices. Factors. Expand and simplify. Percentages. Equations. Area
Term 3	Angles in polygons (2). Volume. Measures. Circle Bearings. Proof. 3d shapes. Similarity.



## MATHEMATICS KEY STAGE 4

Year 10 Set 1	Curriculum content covered
Term 1	Algebra (b); Mensuration; Geometry (b); Algebra 2 (a); Geometry (b); Algebra 2 (b)
Term 2	Algebra 2 (c); FSMQ includes Linear Programming ; Solutions; Geometry (c); Trigonometry (a); Trigonometry (b); )FSMQ includes solving basic trigonometrical equations; Graphs; FSMQ includes extended coordinate geometry
Term 3	Sets; Vectors; Functions; Statistics and Probability (a); Statistics and Probability (b)
Year 11 Set 1	Curriculum content covered
Term 1	Matrices and Transformations (a); Trial and Improvement; Matrices and Transformations (b;); Transformations of Graphs; Limits of Accuracy; Mock Revision; Revision; Review of pupil progress; FSMQ only: Trigonometric Identities, Binomial Expansion, Differentiation, Integration
Term 2	Revision; Review of pupil progress; FSMQ only: Trigonometric Identities, Binomial Expansion, Differentiation, Integration ; FSMQ Only: Definite Integrals, Calculus and Kinematics, Factor/Remainder Theorem, Coordinate geometry - Circles
Term 3	Exam Preparation

Year 10 Sets 2-4	Curriculum content covered
Term 1	Sampling methods; $Y=mx+c$ ; Indices; Trigonometry; Applications of Pythagoras and trigonometry in 3D; Probability; Formulae; Trigonometry for non-right angled triangles; Median and quartiles for large data sets; Bounds
Term 2	Standard form; Solving simultaneous linear equations; Surds, HCF and LCM; Expanding and factorising; Quadratics: Factorising trinomials and plotting; Solving simultaneous equations graphically; Histograms; Transformations; Solving equations
Term 3	Similarity and scale factor; Quadratic formula; Algebraic Expressions and fractions; Circle geometry; Proportionality
Year 11 Sets 2-4	Curriculum content covered
Term 1	Vectors; Circle theorems; Quadratics; Area; Percentages; Mean; Dimensions; BODMAS/equations; Cumulative frequency; Construction; 3d coordinates; Proportion; $Y=mx+c$ ; Trial and improvement; Compound measures
Term 2	Volume; Transformations of graphs; Trig graphs revision and exam questions; Shape and space; Algebra ; Handling data ; Number
Term 3	Past papers

## MATHEMATICS KEY STAGE 4 cont ...

Year 10 Sets 5-6	Curriculum content covered
Term 1	Index laws; negative and simple fractional indices (separately); Standard Form; Factorising quadratics and DOTS; Cumulative Frequency, median and quartiles, box and whiskers plot; Trigonometry (in right-angled triangles; )Revise negative numbers, including substituting negative numbers into a formula ; Plotting quadratic graphs and solve quadratic equations by factorising and using the graph; Pythagoras
Term 2	Fraction skills, including four operations with mixed numbers; Trial and improvement; Simplifying algebraic fractions; Angle reasoning: parallel lines, interior and exterior and bearings ; Rounding to s.f. and estimating using approximations; simple bounds; Draw and interpret pie charts; Tree diagrams; Solve equations (include fractional coefficients) ;rearrange formulae
Term 3	Percentages, including reverse percentages and compound interest; Very basic simultaneous equations (no need to multiply equations); Histograms; Recurring Decimals; Circle Theorems (apart from alternate segment) ; Consolidate circumference and area of circles; arcs and Sectors; area of trapezium; compound shapes
Year 11 Sets 5-6	Curriculum content covered
Term 1	Consolidate decimals; Ratio and Proportion (direct and inverse proportionality as extension) Similarity in 2D; Inequalities in one variable (two variables and shading as an extension); Sequences; Mean of grouped data; Volume and Surface area (cylinder, cone, sphere, pyramid, prism) + revision of area and perimeter; (surface area and volume scale factors as an extension) 3D trigonometry and Pythagoras; Probability: relative frequency; Surds
Term 2	3D coordinates; Construction and loci; Questionnaires and sampling Compound measures: speed and density Solving quadratic equations using the quadratic formula (as an extension) Straight-line graphs: parallel and perpendicular lines revision and exam questions; Extension topics (choose <u>some</u> ); Advanced trigonometry (sine and cosine rule; graphs of trig functions trig equations) Sketching and transforming graphs; Simultaneous equations (including solving by elimination); Using bounds in calculations
Term 3	Past papers

## MATHEMATICS KEY STAGE 4 cont ...

Year10 Set 7	Curriculum content covered
Term 1	Index Laws; Standard Form; Factorising Quadratics; Pythagoras; Cumulative Frequency; Timetables/mileage charts; Coordinates; Quadratic graphs and equations
Term 2	Fractions; Trial and improvement; Constructing formulae; Angle reasoning; Approximations; Pie Charts; Non-replacement tree diagrams; Solving Equations
Term 3	Percentages; Special numbers (squares/cubes etc.); Conversion graphs; Converting between fractions, decimals and percentages; BIDMAS (order of operations); Form expressions and formulae; Construct and solve equations; Area of trapezia and compound shapes
Year 11 Set 7	Curriculum content covered
Term 1	Calculations with decimals; Compound measures; Ratio and proportion; Inequalities; Sequences; Volume and surface area; Probability; Averages
Term 2	3D coordinates; Construction and Loci; Questionnaires and sampling 2D shapes and tessellation; Rotational and line symmetry revision and exam questions; Extension topics (choose <u>some</u> ); Number skills; Fractions; Percentages; Rounding; Simplifying algebra; Worded money problems; Solving equations; Finding areas and perimeters
Term 3	Past papers

## MATHEMATICS KEY STAGE 5

Year 12 Maths with statistics AS Level	Curriculum content covered
Term 1	Algebra and functions Quadratics Simultaneous equations and inequalities Cubics Transformations of graphs Coordinate geometry Probability, Discrete Random Variables
Term 2	Sequences Differentiation integration representation and summary of data, correlation and regression
Term 3	algebra and functions sine and cosine rule logs binomial expansion coordinate geometry Normal Distribution
Term 4	Circle geometry Geometric progression Transformations of trig Differentiation
Term 5	Trig identities Trig equations
Term 6	Differentiating algebraic expressions

## MATHEMATICS KEY STAGE 5 cont ...

Year 12 Maths with mechanics AS Level	Curriculum content covered
Term 1	Algebra and functions Quadratics Simultaneous equations and inequalities. Cubics Transformations of graphs Coordinate geometry
Term 2	Sequences Differentiation integration
Term 3	algebra and functions sine and cosine rule logs binomial expansion coordinate geometry
Term 4	Circle geometry Geometric progression Transformations of trig Differentiation
Term 5	Trig identities Trig equations
Term 6	Differentiating algebraic expressions

Year 12 Further Maths AS Level	Curriculum content covered
Term 1	Complex Numbers Numerical Solutions of Equations Proof probability and discrete random variables
Term 2	Matrices Coordinate Systems Series normal distribution, summarising and representing data
Term 3	Algorithms and Networks Route Inspection Matchings binomial distribution and Poisson distribution
Term 4	Critical Path Analysis Linear Programming continuous random variables, continuous uniform distribution and normal approximations
Term 5	sampling and hypothesis testing
Term 6	

## MATHEMATICS KEY STAGE 5 cont ...

Year 13 Further Maths A Level	Curriculum content covered
Term 1	Complex Numbers, Numerical Solutions, Series, Proof, Matrices and Coordinate systems First Order Ordinary Differential Equations, Second Order Ordinary Differential Equations hyperbolic functions and differentiation probability and discrete random variables
Term 2	Inequalities, Series method of differences, Maclaurin and Taylor Series, Complex Numbers coordinate systems and vectors normal distribution, summarising and representing data
Term 3	Polar Coordinates vectors and differentiation binomial distribution and Poisson distribution Algorithms with and without graphs, Route inspection, Linear Programming
Term 4	Matrices continuous random variables, continuous uniform distribution and normal approximations Matchings, Critical Path Analysis
Term 5	Sampling and hypothesis testing

Year 13 Maths with mechanics A Level	Curriculum content covered
Term 1	Functions Numerical Methods Trigonometry Rational Expressions Logarithms Transforming Functions
Term 2	Trigonometric Identities Differentiation Kinematics
Term 3	Partial Fractions Coordinate Geometry Binomial Expansion Centres of Mass Work, Energy and Power
Term 4	Differentiation Vectors Integration Collisions Statics of Rigid Bodies

Year 13 Maths with Statistics	Curriculum content covered
Term 1	Functions Numerical Methods Trigonometry Rational Expressions Logarithms Transforming Functions
Term 2	Trigonometric Identities binomial distribution poisson distribution
Term 3	Partial Fractions Coordinate Geometry Binomial Expansion normal distributions continuous random variables
Term 4	Differentiation Vectors Integration hypothesis testing

## MODERN FOREIGN LANGUAGES KEY STAGE 3

<b>Year 7</b>	<b>Curriculum Content covered</b>		
	<b>French</b>	<b>German</b>	<b>Spanish</b>
Term 1	Presentations & Personal Information	Presentations and Personal Information	Presentations and Personal Information
Term 2	Family and Friends	School	My Family
Term 3	Where I live	Family and Friends	House and Home
<b>Year 8</b>	<b>Curriculum Content covered</b>		
	<b>French</b>	<b>German</b>	<b>Spanish</b>
Term 1	Around Town	Free Time and Where I live	Free Time and Interests
Term 2	Free Time	Around Town and Holidays	Going out and Holidays
Term 3	Describing Past Events	Shopping and Food	Food and Fashion
<b>Year 9</b>	<b>Curriculum Content covered</b>		
	<b>French</b>	<b>German</b>	<b>Spanish</b>
Term 1	Food and Drink	Health	Barcelona Cultural Project and Media
Term 2	Holidays	Media	School and Health
Term 3	How things used to be	Germany and Berlin	Work and Money

## MODERN FOREIGN LANGUAGES KEY STAGE 4

<b>Year 10</b>	<b>Curriculum Content covered - All Languages</b>
Term 1	Lifestyle; Health: Healthy and unhealthy lifestyles and their consequences; Relationships and Choices: Relationships with family and friends; Future plans regarding marriage/partnership; Social issues and equality
Term 2	Leisure; Free Time and the Media: Free time activities ; Shopping, money, fashion and trends; Advantages and disadvantages of new technology; Holidays: Plans, preferences, experiences; What to see and getting around
Term 3	Work and Education; Current and Future Jobs; Looking for and getting a job; Advantages and disadvantages of different jobs
<b>Year 11</b>	<b>Curriculum Content covered - All Languages</b>
Term 1	Work and Education; School/College and Future Plans: What school/college is like; Pressures and problems
Term 2	Home and Environment; House and home; Special occasions celebrated in the home; Home and Local Area: Home, town, neighbourhood and region, where it is and what it is like; Environment: Current problems facing the planet; Being environmentally friendly within the home and local area
Term 3	Revision, Extension, Examination Strategies and Examinations

## MODERN FOREIGN LANGUAGES KEY STAGE 5

<b>Year 12</b>	<b>Curriculum Content covered - All Languages</b>
Term 1	Media - Television; Advertising; Communication technology. Popular Culture - Cinema ; Music ; Fashion/trends ; Lifestyle and leisure activities; The cult of the celebrity
Term 2	Healthy Living / Lifestyle - Sport/exercise ; Health and well-being; Alcohol, tobacco, other drugs ; Diet, including eating disorders ; The "work/life balance" ; Risks to health through accidents ; Holidays. Family / Relationships - Relationships with parents ; Friendships ; Marriage / partnerships ; Changing definitions of "the couple" Preparation for the oral exam
Term 3	Revision and Preparation for the exams; AS exams and transition to A2

<b>Year 13</b>	<b>Curriculum Content covered - All Languages</b>
Term 1	Cultural Topic. Environment: Pollution ; Transport issues ; Energy ; Protecting the planet ; Responsibilities towards other nations, especially developing countries
Term 2	Cultural Topic: Style and its importance in contribution to the overall message of the work; Analysis of particular extracts and their relation to the development of the work as a whole. The Multicultural Society: Immigration ; Integration ; Racism. Contemporary Social Issues: Wealth and Poverty ; Law and Order; Impact of Scientific and Technological progress
Term 3	Completion of remaining topics and focus on exam strategies; Preparation for Examinations

### MUSIC KEY STAGE 3

<b>Year 7</b>	<b>Curriculum content covered</b>
Term 1	The Elements of Music and Whole Class Singing, Kodaly based Musicianship programme
Term 2	Kodaly based Musicianship programme, The Orchestra
Term 3	Kodaly based Musicianship programme, The Orchestra
<b>Year 8</b>	<b>Curriculum content covered</b>
Term 1	West African Music, Blues and Jazz
Term 2	Music and Theatre (Opera and Music Theatre)
Term 3	Ground Bass Composition, Music Technology
<b>Year 9</b>	<b>Curriculum content covered</b>
Term 1	Film Music
Term 2	Song Writing and Band Skills
Term 3	Folk Music and Fusion, Samba



## MUSIC KEY STAGE 4

<b>Year 10</b>	<b>Curriculum content covered</b>
<i>Terms 1-3</i>	<i>Unit 1 (performance) is covered throughout the course as the pupils receive a free individual music lesson)</i>
Term 1	Edexcel Music GCSE Unit 3 – Listening & Appraising (Pop Music and Western Classical Music)
Term 2	Edexcel Music GCSE Unit 2 – composition, Unit 3 – Listening & Appraising (Pop Music and Western Classical Music)
Term 3	Edexcel Music GCSE Unit 3 – Listening & Appraising (revision for year 10 exams)
<b>Year 11</b>	<b>Curriculum content covered</b>
<i>Terms 1-3</i>	<i>Unit 1 (performance) is covered throughout the course as the pupils receive a free individual music lesson)</i>
Term 1	Edexcel Music GCSE Unit 3 – Listening & Appraising (Music from the 20 <sup>th</sup> Century and Music from around the world)
Term 2	Edexcel Music GCSE Unit 2 – composition, Unit 3 – Listening & Appraising (Music from the 20 <sup>th</sup> Century and Music from around the world)
Term 3	Edexcel Music GCSE Revision of Unit 3 – Listening & Appraising

## MUSIC KEY STAGE 5

<b>Year 12</b>	<b>Curriculum content covered</b>
<i>Terms 1-3</i>	<i>Units 1 (AS performance) and 4 (A2 performance) are covered throughout the course as the pupils receive a free individual music lesson)</i>
Term 1	Edexcel AS Music Unit 2 – Composition (Composition research and development of technique), Unit 3 – Developing Musical Understanding (Instrumental and Vocal Set works, an introduction to Bach Chorale Harmony)
Term 2	Edexcel AS Music Unit 1 – Performance (recital performance), Unit 2 – Composition, Unit 3 – Developing Musical Understanding (Instrumental and Vocal Set works, Harmony)
Term 3	Edexcel AS Music Unit 3 – Developing Musical Understanding - revision and harmony practise
<b>Year 13</b>	<b>Curriculum content covered</b>
Term 1	Edexcel A2 Music Unit 2 – Composition and Technical Study (Composition research and development of technique, Bach Chorale Harmony), Unit 3 – Further Musical Understanding Instrumental and Applied set works, listening and
Term 2	Edexcel A2 Music Unit 2 – composition, Unit 3 – Further Musical Understanding (Music from the 20 <sup>th</sup> Century and Music from around the world)
Term 3	Edexcel A2 Music Revision of Unit 3 – Further Musical Understanding

### PHYSICAL EDUCATION KEY STAGE 3

Year 7	Curriculum content covered
Term 1	Netball & Dance
Term 2	Rounders & Gymnastics
Term 3	Athletics & Basketball
Year 8	Curriculum content covered
Term 1	Netball & Dance
Term 2	Rounders & Gymnastics
Term 3	Athletics & Basketball
Year 9	Curriculum content covered
Term 1	Netball & Dance
Term 2	Rounders & Gymnastics
Term 3	Athletics & Basketball

### PHYSICAL EDUCATION KEY STAGE 4

Year 10	Curriculum content covered	GCSE Content	BTEC Content
Term 1	Options – squash, canoeing, aerobics, dance leaders, trampolining	Healthy active lifestyles,	Leading sports activities
Term 2	Options – squash, canoeing, volleyball, football, trampolining	Fitness testing and training,	Practical sports performance
Term 3	Options – squash, canoeing, rounders, handball, trampolining	Practical sport and revision	Training for personal fitness
Year 11	Curriculum content covered		
Term 1	Options – squash, canoeing, aerobics, dance leaders, trampolining	Body systems,	Sports injuries/first aid
Term 2	Options – squash, canoeing, volleyball, football, trampolining	Practical performance moderation & exam	Fitness for performance

## PHYSICAL EDUCATION KEY STAGE 5

*As there are no specific core PE lessons at Key Stage 5, the sixth form are invited to attend upper school lunch and after school clubs. There is also the opportunity to lead sports clubs and use the facilities in their free time.*

<b>Year 12</b>	<b>Curriculum content covered - BTEC</b>
Term 1	Assessing risk, organising an event
Term 2	Fitness testing, leadership
Term 3	Anatomy and physiology, fitness training and physiology
<b>Year 13</b>	<b>Curriculum content covered - BTEC</b>
Term 1	Coaching, sports development, sports injuries,
Term 2	Individual sports study, nutrition, psychology
Term 3	Catch Up

## P.S.H.E. KEY STAGE 3

<b>Year 7</b>	<b>Curriculum content covered</b>
Term 1	Settling In and Healthy Living
Term 2	Keeping safe and managing risks and Sex and relationship education
Term 3	Personal identity and economic wellbeing
<b>Year 8</b>	<b>Curriculum content covered</b>
Term 1	Being healthy and Achieving economic wellbeing
Term 2	Sex and relationship education and Emotional health and wellbeing
Term 3	Staying safe; minimising harm
<b>Year 9</b>	<b>Curriculum content covered</b>
Term 1	Staying Safe: drugs and alcohol and Sex and relationship education
Term 2	Work Related learning ; options and careers and ' The Real Game'
Term 3	

**P.S.H.E. KEY STAGE 4**

<b>Year 10</b>	<b>Curriculum content covered</b>
Term 1	Sex and relationship education
Term 2	Personal identity and managing change
Term 3	Dealing with risk and Alcohol and drugs
<b>Year 11</b>	<b>Curriculum content covered</b>
Term 1	Managing personal emotional and physical health and career development and choice
Term 2	Financial capability and Dealing with risk
Term 3	Personal Wellbeing; Relationships – family, friends and parenting

**RELIGIOUS STUDIES KEY STAGE 3**

<b>Year 7</b>	<b>Curriculum content covered</b>
Term 1	Enquiry: what is Truth?
Term 2	Enquiry: Who is Jesus?
Term 3	Introduction to world religions: Christianity, Judaism & Islam
<b>Year 8</b>	<b>Curriculum content covered</b>
Term 1	Introduction to world religions: Buddhism, Hinduism, Sikhism
Term 2	Enquiry: how do we know? Arguments for God's existence
Term 3	Humanism and atheism
<b>Year 9</b>	<b>Curriculum content covered</b>
Term 1	Christianity: 3 major traditions around the world
Term 2	Christian ethics: love & forgiveness
Term 3	Inter-faith dialogue

## RELIGIOUS STUDIES KEY STAGE 4

Year 10	Curriculum content covered
Term 1	Animal rights; Prejudice & discrimination
Term 2	War & peace; Drug abuse
Term 3	Crime & punishment
Year 11	Curriculum content covered
Term 1	Matters of death (euthanasia & care of the elderly etc.); Abortion
Term 2	Matters of Life (fertility & genetics etc.)
Term 3	Revision

## RELIGIOUS STUDIES KEY STAGE 5

Year 12	Curriculum content covered
Term 1	Design argument; Cosmological argument; Situation Ethics; Utilitarianism; Religion & Morality; Problem of Evil; War & Peace
Term 2	Miracles; Sexual Ethics; Mind-Body Problem
Term 3	Introductions to 3 set texts from A2 and to the topics of Religious Experience, Religious Language and the development of Philosophy of Religion
Year 13	Curriculum content covered
Term 1	Life After Death; Religious Language; Critiques of Religious Belief; Religion and Morality; Religious Experience; Ontological Argument
Term 2	Justice, Law & Punishment; Meta-ethics; Virtue Ethics; Deontology; Natural Moral Law; study of 3 set texts (for Implications paper)
Term 3	Revision

## SCIENCE KEY STAGE 3

<b>Year 7</b>	<b>Curriculum Content covered</b>
Term 1	Reproduction; Acids and Alkalis, Simple Chemical Reactions & Environmental Chemistry; Solids, Liquids and Gases; Simple Electrical Circuits & Energy and Electricity topic 1
Term 2	Environment and Feeding Relationships & Ecological Relationships; Energy sources; Cells; Forces & their effects Topic 1
Term 3	Solutions; Variation & Classification; Inheritance & Selection; Gravity & Space
<b>Year 8</b>	<b>Curriculum Content covered</b>
Term 1	Respiration; Forces & their effects (Unit 2); Light; Magnets and electromagnets
Term 2	Simple Electrical Circuits (Topic 2) & Energy and Electricity; Microbes and Disease; Reactions of metals and metal compounds; Gravity and Space
Term 3	Food and Digestion; Fit and Healthy; Patterns of reactivity; Pressure and Moments
<b>Year 9</b>	<b>Curriculum Content covered</b>
Term 1	GCSE B1- You and Your Genes; GCSE C1- Air Quality; GCSE P1- the Earth in the Universe
Term 2	GCSE B2- Keeping Healthy; GCSE C2- Properties of Materials; GCSE P2- Radiation and Life
Term 3	GCSE B3- Life on Earth; GCSE C3- Chemicals in our Lives; GCSE P3- Sustainable energy; Investigative Skills

## SCIENCE KEY STAGE 4

Year 10	Science Course	Curriculum Content covered
Term 1	Triple	Biology: Processes of Life [B4], Controlled Assessment
	Double	Biology: Processes of Life [B4] Chemistry: Chemical Patterns [C4]
Term 2	Triple	Biology: Growth and Development [B5], Brain and Mind [B6]
	Double	Biology: Growth and Development [B5] Physics: Forces and Motion [P4]
Term 3	Triple	Biology: Further Biology [B7]
	Double	Chemistry: Chemicals of the natural environment [C5] Physics: Electrical Circuits [P5]
Year 11	Science Course	Curriculum Content covered
Term 1	Triple	Chemistry: Chemical Patterns [C4], Controlled Assessment Physics: Explaining Motion [P4], Controlled Assessment
	Double	Controlled Assessment
Term 2	Triple	Chemistry: Chemicals of the natural environment [C5], Chemical Synthesis [C6] Physics: Electrical Circuits [P5], Radioactive Materials [P6]
	Double	Biology: Brain and Mind [B6] Chemistry: Chemical Synthesis [C6]
Term 3	Triple	Chemistry: Further Chemistry [C7] Physics: Further Physics [P7]
	Double	Physics: Radioactive Materials [P6]

**BIOLOGY KEY STAGE 5**

<b>Year 12</b>	<b>Curriculum Content covered</b>
Term 1	Exchange & Transport. Cells. Biological molecules.
Term 2	Food & Health. Coursework.
Term 3	Biodiversity & Evolution
<b>Year 13</b>	<b>Curriculum Content covered</b>
Term 1	Communication & Homeostasis. Excretion. Photosynthesis & Respiration.
Term 2	Cellular Control & Biotechnology & Gene Technologies
Term 3	Ecosystems & Sustainability & Responding to the Environment.

**CHEMISTRY KEY STAGE 5**

<b>Year 12</b>	<b>Curriculum Content covered</b>
Term 1	Atoms and reactions. Electrons, bonding and structure. The periodic table.
Term 2	Chains, energy and resources. Alcohols, halogenoalkanes and analysis.
Term 3	Energy. Resources.
<b>Year 13</b>	<b>Curriculum Content covered</b>
Term 1	Rings, polymers and analysis. Polymers and synthesis.
Term 2	Analysis. Rates, equilibrium and pH.
Term 3	Energy. Transition elements.



## PHYSICS KEY STAGE 5

<b>Year 12</b>	<b>Curriculum Content covered</b>
Term 1	Mechanics; Forces and Motion; Electrons Waves and Photons; Electric Circuits
Term 2	Mechanics; Work and Energy; Electrons; Waves and Photons; Waves; Quantum Physics
Term 3	Exams & Practical work
<b>Year 13</b>	<b>Curriculum Content covered</b>
Term 1	Newtonian World: Newton's Laws and Momentum; Circular Motion and Oscillations
Term 2	Newtonian World: Thermal Physics - Fields, Particles and Frontiers of Physics; Electric and magnetic fields; Capacitors and exponential decay; Nuclear Physics
Term 3	Fields, Particles and Frontiers of Physics; Medical Imaging; Modelling the Universe