Year 10 Curriculum Map

All students study the *core subjects* and will take three of the *optional subjects*.

	Autumn/Winter	Spring	Summer
ENGLISH *(CORE)*	• Language Paper 1: Explorations in Creative Reading and Writing • Literature Paper 1: Shakespeare: 'Much Ado About Nothing' or 'Romeo and Juliet'	• Language Paper 2: Writers' Viewpoints and Perspectives • Literature Paper 1: Stevenson: 'Dr Jekyll and Mr Hyde'	• Literature Paper 2: Power and Conflict Poetry (plus unseen) • Literature Paper 2: Priestley: 'An Inspector Calls'
Help and Support	• GCSEPod • BBC Bitesize		

	Autumn/Winter	Spring	Summer
MATHS FOUNDATION *(CORE)*	• Collecting Data • Displaying Data • Analysing Data • Expressions • Powers roots and primes • Ratio and Proportion • Mental and Written calculations	• Functions and graphs • Sequences • Formulae and real life graphs. • Equations • Measures length and area • Angles and 2D shapes • Mental and Written calculations	• Ratio and proportion • Decimal Calculation • 3D Shapes • Mental and Written calculations Main assessment takes part this term
Help and Support	Pupils are encouraged to ask for help and support inside and outside of lessons and staff are available at times before and after school. Whenever a test or assessment has been done you will find a self assessment breakdown in books to look at areas of strength and weakness • www.mymaths.co.uk www.bbc.co.uk/schools www.matheup.co.uk • www.mathsnet.net www.active-maths.co.uk www.emaths.co.uk • www.edexcel.org.uk www.mathsangel.co.uk www.s-cool.co.uk		

	Autumn/Winter	Spring	Summer
MATHS HIGHER *(CORE)*	- Collecting and analysing data - Displayng&interpreting data - Averages and frequency graphs - Probability - Expressions - Sequences and Linear graphs - Fractions,decimals,ratio and proportion - Factors and Powers - Functional skills	- Expressions and equations - Fractional equations - Area and Volume - Angle facts parallel lines - Circle theorems - Transformations - Congruence - Mental and written calculations	- Decimal calculations - Limits of accuracy - Efficient use of calculator - Irrational numbers - Direct and inverse proportion - Exchange rates - Mental and written calculations
Help and Support	As for Maths foundation (see above)		

	Autumn/Winter	Spring	Summer
SCIENCE *(CORE)*	Biology: - Communicable Diseases - Respiration Chemistry: - Carbon Chemistry - Bonding - Structure Physics: - Current, Voltage & Resistance - The National Grid	Biology: - Homeostasis and the Nervous System - Hormones Chemistry: - Conservation of Mass - Endo and Exo thermic reations Physics: - Domestic Electricity - Temperature & Gases - Density	Biology: - Reproduction - Genetics and Evolution Chemistry: - Rates Physics: - Changes in Energy (P9) - Energy Transfer (P14)
Help and Support	Kerboodle – the online textbook. Pupils have been given their own login details. Please ask your teacher if you have forgotten them. The school organisation code is dre6 BBC Bitesize revision. Revision books available through the Science Department. GCSE Pod.		

	Autumn/Winter	Spring	Summer
RE *(CORE)*	• Origins and meanings- foundational Catholic Theology. Eduqas RE GCSE • Advent and Christmas	• Good and Evil- foundational Catholic Theology. Eduqas RE GCSE • Lent, Holy week and Easter	• Applied Catholic Theology • Life and Death. Eduqas RE GCSE
Help and Support	• Revision sheets, key words, extra guidance available on moodle. GCSE Pod downloads. Targeted feedback after assessments, homeworks and guidance on moodle. Revision guides available to buy and revision classes run during school times and after school.		
	Autumn/Winter	Spring	Summer
COMPUTING AND IT *(CORE)*	Digital Citizenship 2 - Ecommerce and Online Security Data Protection, ICT Legislation, Using Email	Computer components and peripherals Hardware and software, Input / Output and Storage, Networking, Cloud Computing, Technical Support,	Research and Planning - Planning project involving travel and tourism, Internet research techniques, Computational thinking and flowcharts.
Help and Support	All learning undertaken in the Computing and ICT department is supported by a range of resources managed by the class teacher, utilising the Moodle platform. Learners are encouraged to access the Moodle platform both within and outside the classroom environment to review resources related to their learning.		
	Autumn/Winter	Spring	Summer
CITIZENSHIP *(CORE)*	• Rights and responsibilities • Introduction to Fast Tomato • Career exploration • Personal qualities and skills • Pathways – academic or vocational? • Entry routes and training • Post 16 choices, deciding where and what to study? • Higher education • Finance	• Democracy • Forms of government • Justice • Laws - what they are • Making laws • The criminal justice system • Punishment	• The economy and sustainability • Globalisation • Global problems • Supporting people in LEDCs • Climate change • Environmental problems and sustainability Tackling environmental problems Individual and local action
Help and Support	• CGP Study and Revision Guide • Fast Tomato website http://www.fasttomato.com/account/login • Kudos and Careerscape website https://www.cascaid.co.uk/cs/ • Directgov.co.uk website • Youthbox website • www.apprenticeships.org.uk • National Careers Service website https://www.cascaid.co.uk/cs/ • http://www.ucas.com/		

	Autumn/Winter	Spring	Summer
ART *(OPTIONAL)*	• Circus	• Still Life	• Still Life: independent project
Help and Support	• Moodle		

	Autumn/Winter	Spring	Summer
BUSINESS STUDIES *(OPTIONAL)*	• Understanding the economic context UNIT 2 • Marketing	• Meeting customer needs	• Effective financial management
Help and Support	Theory notes available on the shared area, additional notes available through www.businessstudiesonline along with revision exercises and activities. Revision guides and workbooks available to purchase £6 for a set of 2 (50% discount on RRP)		

	Autumn/Winter	Spring	Summer
GCSE CITIZENSHIP *(OPTIONAL)*	• Unit A341 • Getting started as an Active Citizen • Controlled assessment	• The United Kingdoms relationship in Europe, including the European Union, the Commonwealth and the United Nations	• The British Commonwealth - a family of nations • The United Nations (UN's) role in helping to resolve international conflict • International relations and the environment • Unit A341 Controlled assessment campaign evaluation essay
Help and Support	• OCR Citizenship Studies Revision Guide • http://www.unicef.org.uk/resources/index.asp • www.amnesty.org.uk • www.hrw.org • http://www.liberty-human-rights.org.uk/ • http://www.yourrights.org.uk/ • http://www.bbc.co.uk/worldservice/people/features/ihavearightto/index.shtml • http://www.guardian.co.uk/world/human-rights • http://news.bbc.co.uk/cbbcnews/hi/teachers/default.stm • www.savethechildren.org.uk • http://www.europa.eu.int/europago/welcome.jsp • http://www.fco.gov.uk/servlet/Front?pagename=OpenMarket/Xcelerate/ShowPage&c=Page&cid=1007029391674 • www.royal.gov.uk • http://www.un.org/		

	Autumn/Winter	Spring	Summer
COMPUTING *(OPTIONAL)*	Fundamentals of Data Representation: Number bases, Units of Information, Encoding, Images, Sound, Compression	Computer Systems: Hardware and Software, Boolean logic Classifications of software, Systems Architecture	Fundamentals of Computer Networks Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy Practical programming non examined assessment preparation.
Help and Support	The examined controlled assessment process is undertaken by all learners over a period of around 25 learning hours (this is guidance from the examination board but is NOT a limit). The controlled assessment process is interspersed with preparatory sessions ahead of the completion of each of the four assessed sections (Analysis and Design, Build, Implement, Test and Evaluate). The preparatory sessions are designed to ensure that learners are equipped with the appropriate skills and understanding related to the controlled assessment scenario ahead of the examined controlled assessment sessions. All learning is supported by a range of resources managed by the class teacher, utilising the Moodle platform. Learners are encouraged to access the Moodle platform both within and outside the classroom environment to review resources related to practical programming techniques, theoretical development and related Computer Science materials.		

	Autumn/Winter	Spring	Summer
FRENCH *(OPTIONAL)*	• Environmental issues (World problems)	• Health and Fitness • Technology	• Celebrations (part 2) • School (facilities etc) • Subject and preferences
Help and Support	• Each child has access to a current text book in school and has their own KS4 GCSE personal vocabulary guide, which they can take home, as well as use in class. We have access to the French website 'Linguascope' to support learning (Username: stjohn. Please see your teacher for your password).		

	Autumn/Winter	Spring	Summer
FOOD *(OPTIONAL)*	• Make Palmiers • Make Savoury Choux Buns • Function of ingredients • Skill – Piping • Energy & Nutrients • Make Casserole • Chemical Reactions • Food Science Investigation • Evaluating products showing sensory analysis	• Make Apple Tart • Food Science Investigation • Make Kebabs • Skill – Marinade and Tenderise • Food & Farming • Farm to Fork • Make Savoury Roulade • Dish presentation • Timing & Cooking Methods • Equipment and functionality • Mock Revision	• Practical Assessment preparation • Science Investigations
Help and Support	All projects have their own work booklet and support materials which guide students through the work. There are also extra support materials and extension materials available as appropriate		

	Autumn/Winter	**Spring**	**Summer**
GERMAN *(OPTIONAL)*	• Leisure and pocket money • Media	• School life • Future plans	• House and home • Town
Help and Support	• Moodle – GCSE German – Echo text book foundation/ higher: use for reading and listening practice • AQA website (past papers / student room) • Linguascope (intermediate- vocabulary and games) (Username: stjohn. Please see your teacher for your password).		

	Autumn/Winter	**Spring**	**Summer**
GEOGRAPHY *(OPTIONAL)*	**Dynamic Development** • Uneven development **Fieldwork (Physical)**	**Distinctive Landscapes** • Coasts • River (Both must be UK landscapes) **UK in the 21st Century** • Population & Economic Changes • Political & Cultural Influences.	**Revision & Yr10 Exams** **Sustaining Ecosystems** • Tropical Rainforests • Polar Environments
Help and Support	**Useful websites:** https://www.ordnancesurvey.co.uk/mapzone/ http://www.bbc.co.uk/education/levels/z98jmp3 http://www.ngkids.co.uk/science-and-nature http://www.nationalgeographic.com/ https://www.gcsepod.com/		

	Autumn/Winter	**Spring**	**Summer**
HISTORY *(OPTIONAL)*	Living under Nazi rule 1933-45 The Elizabethans 1580-1603	The Elizabethans 1580-1603	The Elizabethans 1580-1603 The Making of America 1789-1900
Help and Support	http://www.johndclare.net/Nazi_Germany3.htm http://www.historylearningsite.co.uk/nazi-germany/ http://www.elizabethan-era.org.uk/ http://www.historylearningsite.co.uk/tudor-england/ https://www.gcsepod.com/		

	Autumn/Winter	**Spring**	**Summer**
GCSE IT *(OPTIONAL)*	**Controlled Assessment 1** Open source and proprietary Software, DTP Software, Presentational Software, Word processing Software	**Controlled Assessment 1** Web Authoring Software, Using the web	**Controlled Assessment 2** Social Networking, Social and economic implications of ICT
Help and Support	All learning undertaken in the Computing and ICT department is supported by a range of resources managed by the class teacher, utilising the Moodle platform. Learners are encouraged to access the Moodle platform both within and outside the classroom environment to review resources related to their learning.		
	Autumn/Winter	**Spring**	**Summer**
MUSIC *(OPTIONAL)*	**ANALYSIS**: Haydn Symphony 101 in D Major *The Clock* Mvt 2 **Area of Study 1**: The Western Classical Tradition	**Area of Study 2:** Popular Music **Composition Coursework**	**Area of Study 3:** Traditional Music **Composition Coursework**
Help and Support	•		
	Autumn/Winter	**Spring**	**Summer**
PRODUCT DESIGN *(OPTIONAL)*	• Controlled Assessment task: • Task Analysis • Research • Summary of Research • Specification	• Generation of Design Ideas • Development of Chosen idea • Further Research • ProDesktop Drawings	• Realisation Plan • Risk Assessments • Realisation • Testing and Evaluation
Help and Support	All projects have their own work booklet and support materials which guide students through the work. There are also extra support materials and extension materials available as appropriate		
	Autumn/Winter	**Spring**	**Summer**
GCSE PE *(OPTIONAL)*	• Physical training • The principles of training and their application to personal exercise/training programmes • How to optimise training and prevent injury • Effective use of warm up and cool down	• Present data (including tables and graphs) • Analyse and evaluate data • Lever systems, examples of their use in activity and the mechanical advantage they provide in movement	• Planes and axes of movement • Sports psychology • Classification of skills (basic/complex, open/closed)
Help and Support	GCSEpod, AQA Physical Education 2nd edition Kirk Bizley, CGP GCSE PE complete Revision and Practice guide. Students are advised to attend at least one extra-curricular club per week to enhance their performance.		