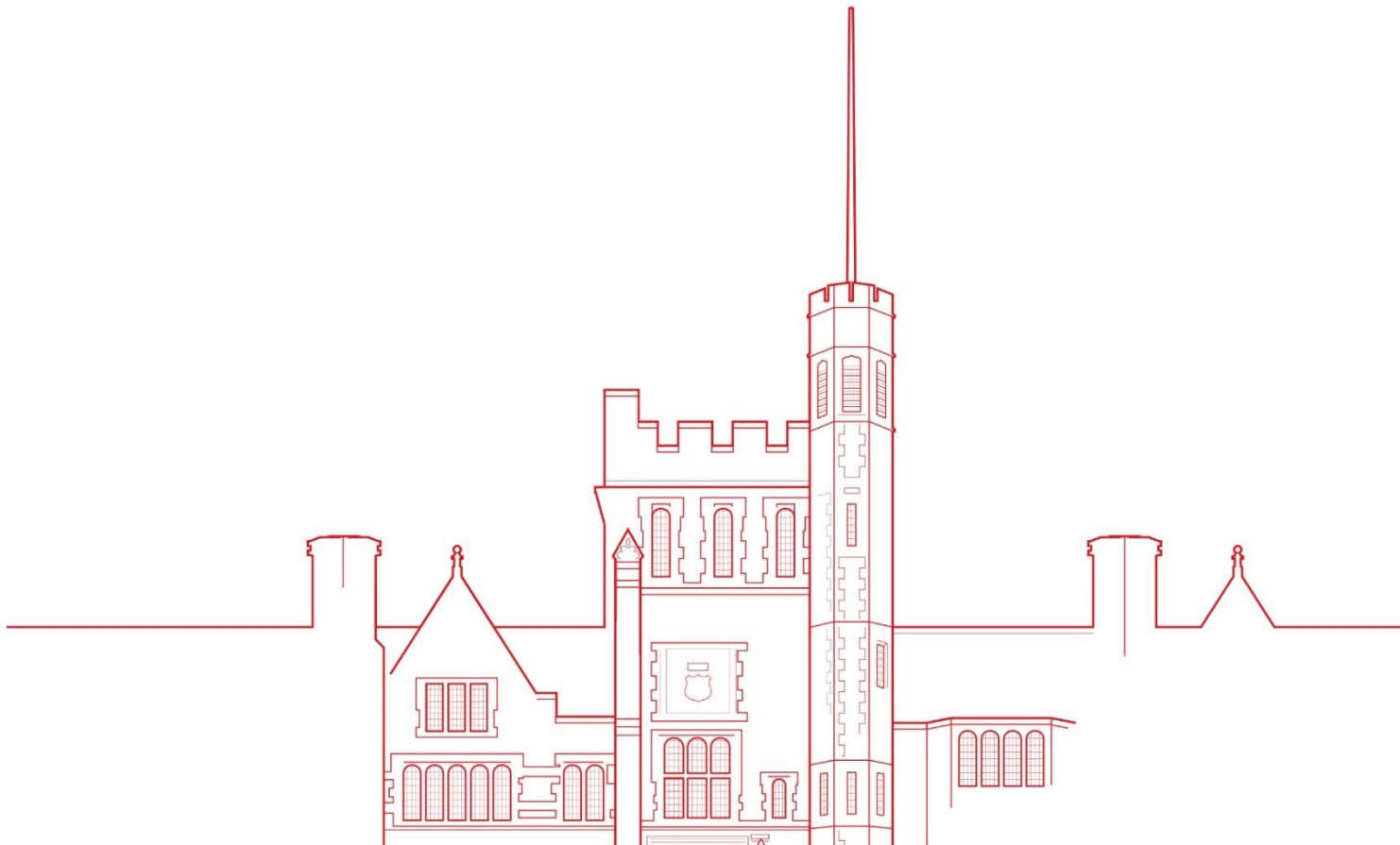


CURRICULUM BOOKLET

2017-2019

Year 12 - SIXTH FORM



KING
HENRY VIII
SCHOOL

Dear Students and Parents

This curriculum booklet has been put together as part of the Home-School partnership. As the courses at A level get specialised it only contains a brief overview of course content, information of the examination board, specification number and modules studied. The website addresses are given for the examination board where detailed information can be found. Please take care to ensure you use the current qualifications. As you are aware there are lots of changes. The numbers given in each subject should ensure that you get the correct one. The courses are for teaching in September 2017 and A Level assessment in 2019. In this booklet you get the information for both Year 12 and Year 13 as the assessment is all done at the end of Year 13

A levels are a tough course for students and they need to get on board with each course rapidly. As a guide they should be doing 4-5 hours a week per subject outside of lessons. We have 2 key assessment points in the sixth form to aid the students to prepare for major examinations which take place in May/June. These are reported to you via a grade card. The overview of key assessments looks like this.

November –within lessons Year 12 w/b Nov 13- with a Parents' Evening following on Wednesday 29th November

February 26th – March 1st off timetable assessments- both Y12 and Y13 together. A report will be sent home just before Easter.

May- Internal Examinations, in the week beginning May 21st

The standard course for the Sixth Form is now 3 A levels studied over 2 years and the Extended Project Qualification studied in Year 12 only. There are a few students who may have started year 12 doing 4 full A level subjects. They will be given separate advice about how this will work for them. It will be possible for these students to only study one of these subjects to AS level taking these exams at the end of Year 12 (unless it is Further Maths which will be done in Year 13)

These students will all have the opportunity to study for the EPQ in Year 13 provided they have dropped to only 3 full A levels.

I usually give some pearls of wisdom about non-exam assessment at this point- but with a two year course much of this is done in Year 13. The only subject which has non exam assessment this year is the EPQ. The guidance does not change- keep up to date, listen and act on advice given- this is true whenever the non-exam assessment is done. With the EPQ many marks are gained for the log of the process of the project not just the final result. All non-exam deadlines whether in Year 12 or 13 are likely all to be just BEFORE Easter. The internal marking of non-exam assessments is carried out in accordance with the procedures laid down by the examination boards. Students may ask for a review of marking. This should usually be done in writing within 2 working days of them being informed of the mark. A copy of the procedure can be obtained on application to myself..

I hope that you will find the booklet informative and useful.

Miss A. M. Weitzel

Deputy Head

September 2017

NON EXAM COURSES

Extended Studies	
This course provides students with opportunities to enrich their personal and independent study. Students extend their classroom study by selecting four choices from a range of options. Each option block runs for 6 weeks.	Option choices vary each year depending on staffing, this year they may include (among others): Young Enterprise, Young Engineers, (both whole year courses) Beginner's Italian, Debating the News, Healthy Living, Maths for Biology, Practical use of Excel, Puzzle design, Radio, Philosophy, Horticulture, Everyday Biology

GAMES	Autumn & Spring	Summer
Students are able to choose from the following activities to do on a Wednesday afternoon. Alternatively students may opt to do Community Service where they devote the afternoon to helping in the community.	Boys: Rugby, Hockey, Fitness, Badminton, Multi Sports Cross Country, Swimming, Girls: Netball, Hockey, Fitness, Multi Sports, Badminton, Cross Country, Swimming	Boys: Cricket, Athletics, Multi Sports, Tennis, Cross Country, Swimming Girls: Athletics, Rounders, Tennis, Multi Sports, Cross Country, Swimming

Exam Course studied by ALL- except those doing 4 subjects who will have the option to study for EPQ in Year 13.

Subject Name & Number of qualification	A Level Assessment-	Type	%
EPQ Extended Project Qualification (Level 3) AQA AS Level only 9990 www.aqa.org.uk	This qualification enables the students to research an area of their choice in depth. They produce either a written essay of 5000 words or an artefact, with a brief written piece of 1500 words. They also have to give a presentation of their research alongside maintaining a detailed log book. Marks are gained for the process, as described in the logbook, as well as the final outcome.	Non Exam Submitted in May Year 12.	100

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
Art OCR A Level- H601 (Fine Art) H603 (Photography) www.ocr.org.uk	The practical work should show <ul style="list-style-type: none"> • independently developed ideas through sustained and focused investigations • produced material informed by contextual and other sources that informs the development of their work • explored ideas, techniques or processes • critically reviewed and refined their work as it progresses The related study should show knowledge and understanding of art historical movements, genres, practitioners and artworks, considering the way that these change and evolve within chronological and other frameworks	Personal Investigation (01) Learners should produce two elements: (i) a portfolio of practical work showing their personal response to either a starting point, brief, scenario or stimulus, devised and provided by the learner or centre (ii) a related study: an extended response of a guided minimum of 1000 words	Non- Exam	60
		Externally set task (02) Students are provided with a number of themes and starting points and they produce a response to them.	15 hours supervised time (3 days)	40
Biology OCR A Level H420 www.ocr.org.uk	Module 1 Development of practical skills Module 2 Foundations in biology Module 3 Exchange and transport Module 4 Biodiversity, evolution and disease Module 5 Communication, homeostasis and energy Module 6 Genetics, evolution and ecosystems	Paper 1 Biological processes Modules 1-3, 5	2¼ hr Exam	37
		Paper 2 Biological diversity Modules 1, 2, 4, 6	2¼ hr Exam	37
		Paper 3 Unified Biology Modules 1-6	1½ hr Exam	26
		Practical endorsement for Biology. Reported as separate Pass/Fail with the A level grade.	Non-Exam	0
Business AQA A Level 7132 www.aqa.org.uk	1 What is business? 2 Managers, leadership and decision making 3 Decision making to improve marketing performance 4 Decision making to improve operational performance 5 Decision making to improve financial performance 6 Decision making to improve human resource performance 7 Analysing the strategic position of a business 8 Choosing strategic direction 9 Strategic methods: how to pursue strategies 10 Managing strategic change	Business 1 Modules 1-10	2 hr Exam	33⅓
		Business 2 Modules 1-10	2 hr Exam	33⅓
		Business 3 Modules 1-10	2 hr Exam	33⅓

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
Chemistry AQA A Level 7405 www.aqa.org.uk	Physical Chemistry- topics like atomic structure, bonding, oxidation, rate equations, acids and bases, Inorganic Chemistry- periodicity, groups 2&7, properties of period 3 elements, transition metals, reactions of ions in aqueous solution Organic Chemistry- Topics like Alkanes, Halogenoalkanes, Alkenes, Alcohols, organic analysis, optical isomerism, Aldehydes & Ketones, Polymers, Amino acids, proteins & DNA, Chromatography	Paper 1- Physical Chemistry, Inorganic Chemistry and relevant practical skills	2 hr Exam	35
		Paper 2- Physical Chemistry, Organic Chemistry and relevant practical skills	2 hr Exam	35
		Paper 3 – Any contents and Any practical Skills.	2 hr Exam	30
		Practical endorsement for Chemistry Reported as separate Pass/Fail with the A level grade.	Non Exam	0
Classical Civilisation OCR A Level H408 www.ocr.org.uk	Paper 1: Literary Techniques and composition, The heroic world: Characteristics and themes The social, cultural and religious context Historical and political background Paper 2: Literature and visual/ material culture of the period, this component allows learners to examine the ways in which Augustus conveyed his personal brand to all social classes of Rome. Paper 3: The political thought of the period from Sulla's retirement in 79 BC to the death of Cicero in 43 BC, through examining Marcus Porcius Cato ('Cato the Younger'), Gaius Julius Caesar, and Marcus Tullius Cicero	H08/11 The World of the Hero: in-depth study of the Odyssey and Aeneid	2 hrs 20 mins exam	40
		H408/22 Culture and the Arts: Imperial Image (how Augustus sells himself)	1 hr 45 mins exam	30
		H408/33 Beliefs and Ideas: Politics of the Late Republic (Caesar and Cicero)	1 hr 45 mins exam	30
Computer Science OCR A Level H446 www.ocr.org.uk	Paper 1: The characteristics of contemporary processors, input, output and storage devices Software and software development, Exchanging data, Data types, data structures and algorithms, Legal, moral, cultural and ethical issues Paper 2: Elements of computational thinking, Problem solving and programming, Pattern recognition, abstraction and decomposition, Algorithm design and efficiency and standard algorithms Project- Students analyse the problem, design a solution, implement the solution and give a thorough evaluation.	Computer systems (01)	2½ hr exam	40
		Algorithms and programming (02)	2½ hr exam	40
		Programming project (03)	Non Exam	20

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
Design Technology-Product Design OCR A Level H406 www.ocr.org.uk	The key to this course is creativity. You will learn a wide variety of techniques and skills, how to design and present your most creative ideas using CAD, models and sketch work. The final design project portfolio will have all the expected, design, make and evaluation sections but depends on flair and innovation.	Component 1 Principles of Product Design	1½ hr Exam	26.7
		Component 2 Problem solving in Product Design	1 hr 45 mins exam	23.5
		Component 3 Iterative Design Project	Non Exam Approx. 65 hours	50
Drama Edexcel A Level 9DR0 www.edexcel.com	Devising: Interpreting, creating and developing a devised piece from one key extract from a performance text and applying the methods of one practitioner. A group performance/design realisation of the devised piece. Analysing and evaluating the creative process and devised performance. Text: Students will develop and demonstrate theatre-making skills, appropriate to their role as a performer or designer. They will explore how they realise artistic intentions in performance Theatre Makers requires students to consider, analyse and evaluate how different theatre makers create impact.	Component 1: Devising 1) Written portfolio to accompany devised piece 2) Devised original performance piece	Written and performance coursework Non- Exam	40
		Component 2: Text in Performance 1) Group performance/ design option 2) Monologue or duologue performance/ design option	Performance coursework Non-Exam	20
		Component 3: Theatre Makers in Practice three playtexts Section A – Live Theatre Evaluation (Y12) Section B – Page to Stage (Y12) Section C – Interpreting a Performance Text – one extended response question based on a playtext studied	2½ hr Exam	40

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
Economics AQA A Level 7136 www.aqa.org.uk	Individuals, firms, markets and market failure 1 Economic methodology and the economic problem 2 Individual economic decision making 3 Price determination in a competitive market 4 Production, costs and revenue 5 Perfect competition, imperfectly competitive markets and monopoly 6 The labour market 7 The distribution of income and wealth: poverty and inequality 8 The market mechanism, market failure and government intervention in markets The national and international economy 9 The measurement of macroeconomic performance	Paper 1 –Markets and market failure (1-8) 5, 10-13)	2 hr Exam	33⅓
		Paper 2 - National and international economy (9-14)	2 hr Exam	33⅓
		Paper 3- Economic principles and issues (All of 1-14)	2 hr Exam	33⅓
		10 How the macroeconomy works : the circular flow of income, AD/AS analysis, and related concepts 11 Economic performance 12 Financial markets and monetary policy 13 Fiscal policy and supply-side policies 14 The international economy		
English Language AQA A Level 7702 www.aqa.org.uk	The six areas are as follows 1. Textual variations and representations 2. Language diversity & Change 3. Writing skills 4. Methods of language analysis 5. Children’s language development 6. Language discourses	Paper 1. Language, the Individual and Society (1, 4, 5)	2½ hr Exam	40
		Paper 2. Language, Diversity and Change (2, 3, 4, 6)	2½ hr Exam	40
		Paper 3. Language in Action- Language investigation (2000 Words) and original writing. (1500 words)	Non exam	20
English Literature Edexcel A Level 9ET0 www.edexcel.com	Skills needed include: <ul style="list-style-type: none"> • Knowledge and understanding of the contexts in which texts have been produced and how these contexts influence meaning. • Knowledge and understandings of a range of literary texts and make connections and explore the relationships between texts and a range of ways to read and experience texts, responding critically and creatively, • respond to and evaluate texts, drawing on their understanding of interpretations by different readers such as literary critics • Communicate fluently, accurately and effectively their knowledge, understanding and evaluation of texts 	01 Drama- studying one Shakespeare play (and critical essays) and one other drama.	2¼ hr exam	30
		02 Prose - studying two prose texts from a chosen theme- Science and Society- one text is pre 1900	1 hr exam	20
		03 Poetry Studying poetic form, meaning and language, using a selection of post 2000 poetry and a specified range of poetry from a literary period	2¼ hr exam	30
		04 Coursework Using a free choice of two texts different from those used in 01-03	2500-3000 word non- exam	20

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
Geography CIE A Level- 9696 www.cie.org.uk	Physical: Hydrology & fluvial geomorphology, Atmosphere and weather, Rocks and weathering Coastal and Hazardous environments. Human: Population, Migration, Settlement dynamics + two of Production, location and change • Environmental management • Global interdependence • Economic transition	Paper 1 Core Physical Geography	1½ hr Exam	25
		Paper 2 Core Human Geography	1½ hr Exam	25
		Paper 3 Advanced Physical Options	1½ hr Exam	25
		Paper 4 Advanced Human Options	1½ hr Exam	25
History AQA A Level 7042 www.aqa.org.uk	1C provides for the study in breadth issues of change, continuity, cause and consequence in Tudor England. 2L provides for the study in depth of a period of Italian history during which democracy gave way to Fascism. It requires an exploration of concepts such as liberalism, extremism, Fascism and authority. The Historical Investigation Is based on a development or issue which has been subject to different historical interpretations.	Component 1: Breadth Study 1C The Tudors: England 1485-1603	2½ hr Exam	40
		Component 2: Depth Study 2L Italy and Fascism, c1900-1945	2½ hr Exam	40
		Component 3: Historical Investigation Germany 1890-1990:- Unity, war, ideology, division and re-unification	3500-4000 word Non-Exam	20
Latin OCR A Level H443 www.ocr.org.uk	Year 12 Prose text <i>Cicero, Pro Milone, 24–32, 34–35, 43–52 Or Tacitus, Annals I, 16–30</i> Verse: <i>Virgil, Aeneid Book VIII 86–279, 558–584 Or Ovid, Amores 1.1&2.5, Propertius 1.1 and Tibullus 1.1</i> Y13 prose: Cicero, Pro Milone, 53–64, 72–80 Or Tacitus, Annals I, 3–7, 11–14, 46–49 Or Seneca, Letters 51, 53, 57 Verse Virgil, Aeneid Book X 215–250, 260–307, 362–398, 426–542 Or Ovid, Amores 2.7 & 2.8, Propertius 1.3 & 2.14 and Tibullus 1.3 Or Ovid, Heroides, VI 1–100 & 127–164, X 1–76 & 119–150	01 Unseen Translation- of both a prose and a verse passage into English	1¾ hr exam	33
		02 Prose Composition or Comprehension-	1¼ hr exam	17
		03 Prose Literature- one question on Y12 texts and one + essay from Y13 text.	2 hr Exam	25
		04 Verse Literature- one question on Y12 texts and one + essay from Y13 text.	2 hr Exam	25
Law OCR A Level H415 www.ocr.org.uk	Paper 1: Civil and criminal courts, the legal profession and access to justice. Foundations of Criminal Law, offences against the person, offences against property and general defences. Paper 2: Law making methods. Foundations of the Law of Tort, occupiers' liability, nuisance, vicarious liability and defences. Paper 3: The nature of law. Law and morality, justice, society and technology. Foundations of Contract Law.	H415/01 The Legal System and Criminal Law	2 hr Exam	33⅓
		H415/02 Law Making and the Law of Tort	2 hr Exam	33⅓
		H415/03 Further Law Option 2 (Law of Contract)	2 hr Exam	33⅓

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
Mathematics A OCR A2 H240 www.ocr.org.uk	Pure mathematics includes proof, algebra, graphs, sequences, trigonometry, logarithms, calculus, vectors, functions, numerical methods and differential equations Statistics includes working with data from a sample to make inferences about a population, probability calculations, using binomial distribution as a model, statistical hypothesis testing, and the normal distribution. There is a pre-release data set students explore this data using appropriate technology. Mechanics includes kinematics, working with forces, Newton's Laws, motion under gravity, friction and simple moments	01 Pure Mathematics	2 hr Exam	33⅓
		02 Pure Mathematics and Statistics	2 hr Exam	33⅓
		03 Pure Mathematics and Mechanics	2 hr Exam	33⅓
Mathematics (Further) A OCR A2 H245 www.ocr.org.uk	Further Maths extends the content of Mathematic and broadens it with some new topics Pure Core: proof, algebra, functions, calculus, vectors, differential equations, polar coordinates and hyperbolic functions. Statistics: combinatorics, probability distributions for discrete and continuous random variables, chi-squared tests, correlation, regression, non-parametric tests, hypothesis tests and confidence intervals. Mechanics: dimensional analysis, work, energy, power, impulse, momentum and circular motion, application of vectors across the topics, centres of mass and variable force. Discrete Maths: counting, graphs and networks, algorithms, critical path analysis, linear programming, game theory, Hamiltonian and planar graphs, the simplex algorithm and the Nash equilibrium Additional Pure: recurrence relations, number theory, group theory, the vector product, surfaces, partial differentiation, and extending integration techniques.	Y540 Pure Core 1	1½ hr Exam	25
		Y541 Pure Core 2	1½ hr Exam	25
		ANY TWO OF:		
		Y532 Statistics	1½ hr Exam	25
		Y533 Mechanics	1½ hr Exam	25
		Y534 Discrete Maths	1½ hr Exam	25
		Y535 Additional Pure Maths	1½ hr Exam	25

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
MFL: French AQA A Level 7652 www.aqa.org.uk	Aspects of French-speaking society: current trends Aspects of French-speaking society: current issues Artistic culture in the French-speaking world Aspects of political life in the French-speaking world Grammar Study of two set texts or one text and a play. No dictionaries are allowed in any of the assessments.	Paper 1: Listening, reading and writing	2½ hr Exam	50
		Paper 2: Writing Two essay questions from set text and/or film	2 hr exam	20
		Paper 3 Speaking- add on 5 min for preparation time. Discussion on one sub theme and presentation of individual research project	16-18 min Oral exam	30
MFL: German AQA A Level 7662 www.aqa.org.uk	Aspects of German-speaking society Artistic culture in the German-speaking world Multiculturalism in German-speaking society Aspects of political life in German-speaking society Grammar Study of two set texts or one text and a play. No dictionaries are allowed in any of the assessments.	Paper 1: Listening, reading and writing	2½ hr Exam	50
		Paper 2: Writing Two essay questions from set text and/or film	2 hr exam	20
		Paper 3 Speaking- add on 5 min for preparation time. Discussion on one sub theme and presentation of individual research project	16-18 min Oral exam	30
MFL: Spanish AQA A Level 7692 www.aqa.org.uk	Aspects of Hispanic society Artistic culture in the Hispanic world Multiculturalism in Hispanic society Aspects of political life in Hispanic society Grammar Study of two set texts or one text and a play. No dictionaries are allowed in any of the assessments.	Paper 1: Listening, reading and writing	2½ hr Exam	50
		Paper 2: Writing Two essay questions from set text and/or film	2 hr exam	20
		Paper 3 Speaking- add on 5 min for preparation time. Discussion on one sub theme and presentation of individual research project	16-18 min Oral exam	30
Music AQA A Level 7272 www.aqa.org.uk	Students appraise, develop and demonstrate an in-depth knowledge and understanding of musical elements, musical contexts and musical language. The areas of study can also provide a rich source of material for your students to work with when developing performance and composition skills. There are seven areas of study: Western classical tradition 1650–1910 (compulsory) They then study two areas from: Pop music, Music for media, Music for theatre, Jazz , Contemporary traditional music, Art music since 1910.	Component 1: Appraising Music: Listening, Analysis and Contextual Understanding.	2½ hr Exam	40
		Component 2: Performance : A minimum of 10 minutes of performance- solo or ensemble- Externally marked	Non Exam	35
		Component 3: Composition: One composition to a brief and one free composition. In total a minimum of 4½ mins of music. Externally marked	Non Exam	25

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
Physics AQA A Level 7408 www.aqa.org.uk	1. Measurement and their errors 2. Particles and radiation 3. Waves 4. Mechanics and materials 5. Electricity 6. Further mechanics (periodic motion) + Thermal Physics 7. Fields and their consequences 8. Nuclear Physics Option topics usually one of 9. Astro Physics 10. Medical Physics.	Paper 1- Sections 1-5 + Periodic motion	2 hr Exam	34
		Paper 2- Sections 1-5, 7, 8 + Thermal Physics	2 hr Exam	34
		Paper 3 – Practical skills and data analysis One option topic (eg Astrophysics, medical physics)	2 hr Exam	32
		Practical endorsement for Physics Reported as separate Pass/Fail with the A level grade.	Non Exam	0
Physical Education OCR A Level H555 www.ocr.org.uk	01: Applied anatomy and physiology, Exercise physiology, Biomechanics 02: Skill acquisition, Sports Psychology 03: Sport and society, Contemporary issues in physical activity and sport 04: Performance or coaching, Evaluation and analysis of performance for improvement (EAPI)	Component 1 Physiological factors affecting performance	2 hr exam	30
		Component 2 Psychological factors affecting performance	1 hr exam	20
		Component 3 Socio-cultural issues in physical activity and sport	1 hr exam	20
		Component 4 Performance in physical education	Non Exam	30

Subject Name & Number of qualification	Brief outline of course content	A Level Assessment	Type	%
Psychology EDUQAS (welsh) A Level 601/6044/5 www.eduqas.co.uk	<p>Component 1: The 5 psychological approaches Biological, Psychodynamic, Behaviourist, Cognitive, Positive</p> <p>Component 2: the principles of research, and psychological investigations. These research methods need to be applied to a novel scenario.</p> <p>Component 3: Study of three behaviours, stress, schizophrenia and one from Addictive Autistic, Bullying or criminal behaviours. In addition students look at 5 controversies in Psychology Cultural bias, Ethical costs of conduction research, non-human animals, scientific status and sexism.</p>	Component 1: Psychology: Past to Present	2¼ hr Exam	33⅓
		Component 2: Psychology: Investigating Behaviour	2¼ hr Exam	33⅓
		Component 3: Psychology: Implications in the Real World	2¼ hr Exam	33⅓
Religious Studies EDUQAS (welsh) A Level 601/8700/1 www.eduqas.co.uk	<p>Component 1 has 4 themes- religious figures and sacred texts; religious concepts; religious life; and religious practices.</p> <p>Component 2 looks at arguments for the existence of God; challenges to religious belief; religious experience; religious language.</p> <p>Component 3 looks at ethical thought; Aquinas' Natural Law; Fletcher's Situation Ethics, Utilitarianism and ethical thought .deontological ethics; teleological ethics; determinism and free will.</p>	Component 1: Study of Religion- Option A Christianity	2 hr Exam	33⅓
		Component 2: Philosophy of Religion	2 hr Exam	33⅓
		Component 3: Religion and Ethics	2 hr Exam	33⅓