Cardinal Pole Catholic School



Curriculum Booklet 2020-21

YEAR 12

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OUR CURRICULUM INTENT AT CARDINAL POLE

Achieving a love of learning means creating lifelong learners and a thirst for knowledge.

Lovers of learning also become independent learners as they are **confident** in what they do know but also in that they do not know yet.

KS3: Lovers of Learning

KS4: Subject Masters

Acquiring a deep, long-term, secure and adaptable understanding of the subject.
Achieving mastery means acquiring a solid enough understanding of the subject that ideas from one area can be applied to another.

Critical Scholars are willing to share their work with an understanding that it is part of a much wider body of ideas and practices. They are able to listen and appreciate a range of views before coming to a carefully considered and well-presented view.

KS5: Critical Scholars

YEAR 12 CURRICULUM OFFER, 2020-21

Dear Parents / Carers,

At Cardinal Pole, our students sit at the very heart of our curriculum. In addition to teaching subjects for their intrinsic value, the purpose of our curriculum is to empower our students, further social justice and prepare them for citizenship within and outside of our school community.

At A-Level, all students study three options at A-Level although most students start with four and refine their choices by October half term. For students taking the vocational route, there is the potential to take an additional A-Level in Option Block C also. In addition, all students have one lesson of General RE a week and one lesson of enrichment on a Wednesday p.7 (see extra-curricular offer). Subjects are taught in a combination of double and single 50 minute periods as per the timetable below:

Subject	Periods	Subject	Periods	Subject	Periods
CTEC Business – Marketing Pathway	15	Option A	6	General RE	1
Vocational Health & Social Care	15	Option B	6	Enrichment	1
		Option C	6		
		Option D	6		

Students also have timetabled: a weekly PSHE lesson on a Thursday morning and a daily 30 minute Prep session with their tutor to support with the completion of homework and, towards the end of the year, preparation for UCAS. All year groups celebrate Mass once a half term in addition to the liturgies held at the end of each term.

To provide students with a bespoke place of learning, our state of the art library is open to all students before school, at breaktime, lunchtime and after school. For Sixth Formers, this is also open during their study periods alongside the study room in the Sixth Form centre which is equipped with a computer suite. In addition to Wednesday enrichment, there is a free breakfast club for all students before school from 7.30am and after school study in the Sixth Form Block.

We believe that our students deserve the very best education and, to ensure that we meet these aims, we have outlined a clear curriculum plan for each key stage (p.3). As a result of this rich curriculum offer, we expect our students to become critical scholars by the end of Key Stage 5 so that they are ready to embark on the next stage of their education.

For any further information on the curriculum, please do not hesitate class teachers or a member of the pastoral team:

Head of Year: Ms N William		
Pastoral Support Manager: Ms J Thomas		
SLT Link: Mr T Read (AHT – Head of Sixth Form)		
12C	Ms A Earthrowl	
12A	Ms V Coria	
12R	Mr T Edwards	
12D	Ms S de Souza	
12N Ms Y Agyapong		

Yours faithfully,

Ms E Connolly

Associate Deputy Headteacher – Curriculum, Assessment & Outcomes

EXTRA-CURRICULAR OFFER, 2020-21

Dear Parents / Carers,

We firmly believe that Sixth Form education should be about more than just exam results and university places. At Cardinal Pole students get the opportunity to achieve positions of leadership within the school, contribute to the wider community, prepare for university and experience a wide range of extra-curricular activities. This ensures that our students leave Cardinal Pole Sixth Form as well-rounded individuals, ready to take their place in the world of Higher Education and employment.

Student leadership

6th formers have the opportunity to become prefects, who perform duties and provide support around the school and at a range of events. From the prefect team we select a student leadership team of Head and Deputy Head students, with whom we meet regularly to ensure the smooth running of the school. New this year is the Catholic Life Leadership Team, which offers students additional opportunities to support the Catholic life of the school. This team attend retreats, assist with Mass and assemblies, and work with the School Chaplain.

Enrichment and super-curricular activities

Students have the opportunity to take part in activities including the following:

- Extended Project Qualification (EPQ)
- Duke of Edinburgh Award
- Envision Community Action Projects
- Careers and progression workshop
- Debating
- Film Studies
- Football
- Gym
- Dance

Progression Support

At Cardinal Pole Sixth Form we ensure students have aspirational outcomes for their next steps after leaving sixth form. Students are given guidance from the dedicated careers advisor and an experienced pastoral team to help them shape their futures. We encourage all students to engage with top universities and employers, giving them the best opportunity to prepare for their futures. In addition, we offer specific programmes to support students on the following pathways:

- The Oxbridge Pathway
- The Medicine Pathway
- The Law Pathway
- The Financial Pathway

Yours faithfully,

Mr T Read

Assistant Headteacher - Key Stage 5

MEASURING PROGRESS: YEAR 12

At Key Stage 5, students are assessed according to their ALPs targets. The purpose of this is to focus on the progress they have made since GCSE in comparison to how their peers perform nationally. Target grades are based on GCSE scores from Year 11 against national expectations for high levels of progress but are not considered to be a glass ceiling. The attainment of students at each assessment point is then reported as a grade and is highlighted as either above / on / below target grades. For all subjects, students are taught in mixed ability option blocks. Within these teaching groups, student progress is measured against their own individual targets.

Class teachers assess student progress continuously through verbal and written feedback on both class and homework. As a whole school, data is collected twice a year during Assessment Point 1 (Christmas) and Assessment Point 2 (Summer). During these weeks, all students follow a personalised exam timetable schedule, the results of which are reported back to parents in written reports. These reports will indicate the current grade that a students is working at and whether they are above / on track / below expectations in each subject in relation to their target.

Where progress is not in line with expectations after AP1, students will be supported with a range of interventions including pastoral meetings, the opportunity to retake exams, after school study and mentoring. This is in addition to parental meetings to ensure that students are on the right courses for their future aspirations. This is a critical year in your child's education and we aim to work alongside parents to ensure our students achieve the best possible outcomes at the end of Year 13. To support this, there is a Parents Evening held in Spring term to discuss the aforementioned after AP1.

SUBJECT		ART	
Head of Department		Ms K Place	
Pearson Edexcel G		CE in Art & Desi	gn
Component 1: Personal Investigation	5	0%	Coursework
Component 2: Externally Set Assignment	5	0%	Prep Book & Practical Exam, 10 hours



Autumn Term

Aims and Intentions

We start the year by looking at a wide range of eclectic and interesting artists and analyse their aims and intentions for recording and producing their art works. Students then begin to record relevant observations in response to intentions inspired by the artist's work. Building confidence and drawing skills in portrait, figure and landscape, students then begin to develop their own aims and intentions and therefore reasons for choices in style, media and compositional viewpoints and arrangement.

<u>Artists Research Project – Mini</u> Personal Project

Students begin the term working independently for two weeks researching and responding to an artist of their choice. Some structure is given through the broad themes of 'Reality and Emphasis', 'Distortion and Manipulation' and Symbolism and Story Telling'. As much emphasis is given to students developing skills and

Spring Term

Response and Reasoning In order to develop in depth,

complex and often more subtle

concepts, students are introduced to artists changing motivations in the wake of WW2 and contemporary British art. Along the theme of 'Combinations and Alliances' students explore ideas within the genre of still life inspired by artists who have explored this in complex and thought provoking ways. Students are now in the position to begin their personal study armed with better skills in whatever genre(s) they choose to work in and a range of processes that result in interesting exploration throughout.

<u>Personal Study – Research,</u> <u>Recording and Response</u>

The personal study begins with students researching, analysing and comparing artists that explore their chosen concepts in different ways. The choice of theme being an important decision, some students may expand or change it in this initial stage. The process of making

Summer Term

Reviewing and Refining

Students develop their project through a series of explorative tasks, reviewing and refining the work to achieve successful outcomes. Some elements are guided such as the introduction to oil paints and other artistic media or to widen or improve their skill set. Some tasks are choices that students make based on the aims and intentions for the work they are producing.

Strong literacy skills

Strong literacy skills
demonstrated in the analysis of
artist's work, the setting of briefs
with student's aims and
intentions and in the evaluation
of the outcomes is a vital part
played in the progression of the
project.

Final Outcome

Students focus their explorations in the run up to Assessment Point

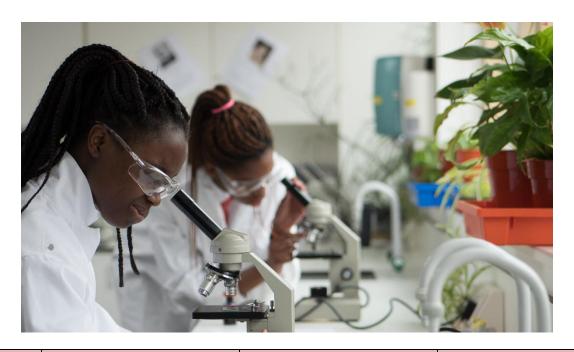
1 when they produce a final piece that realises the intentions for the project as a whole. The marking and feedback from this forms the basis for a personalised learning plan or PLP that runs throughout the first term of Year

organisation in responding to a brief as to the initial development of concepts and themes at this time. The work produced leads to a mini project in which the concepts that came to light through the research are explored with more personal input. A final outcome is produced in the AP1 exam which completes a full albeit linear project to which the feedback can highlight student's strengths and weaknesses within all aspects of the assessment criteria.

personal responses, inspired by the artists, acts as starting points and the more interesting ideas will be developed further throughout the project. In order to produce high skilled as well as conceptually thought provoking work students will record drawings or photographs to work from in the chosen relevant genre(s) of portrait, figure, landscape or still life.

13 when students can improve their project to achieve the best grade they can.

SUBJECT		BIOLOGY
Subject Lead		Mr O Thomas
OCR A-Level in Biology A		el in Biology A
Paper 1: Biological processes	379	7% Written Exam, 2 hours 15 minutes
Paper 2: Biological Diversity	379	7% Written Exam, 2 hours 15 minutes
Paper 3: Unified biology	269	6% Written Exam, 1 hour 30 minutes
Practical endorsement in biology		Non- Examined Practical



Spring Term

Module 1 – Development of

ideas that underpin the study of

transport systems.

- Exchange surfaces in plants and

animals;

-The respiratory system

practical skills in Biology practical skills in Biology Module 1 of the specification content relates to the practical Module 3 - Exchange and skills learners are expected to Transport gain throughout the course, In this module, learners study the which are assessed throughout structure and function of gas the written examinations. exchange and transport systems in a range of animals and in Practical activities are embedded terrestrial plants. The significance within the learning outcomes of the course to encourage practical of surface area to volume ratio in activities in the laboratory, determining the need for What we enhancing learners' ventilation, gas exchange and understanding of biochemical transport systems in multicellular teach and theory and practical skills. organisms is emphasised. The why content in this module builds on Module 2 – Foundations in knowledge and understanding of Biology the concepts developed in -Structure of cells; Module 2. -Biological membranes; This module provides learners -Enzymes with a knowledge and -Plasma membranes understanding of the important

Autumn Term

Module 1 - Development of

-Cell division.

This module acts as an important

bridge into AS and A Level

Biology from the study of biology

within science courses at GCSE

level. This module provides

Summer Term

Module 1 – Development of practical skills in Biology

Module 6 – Genetics, evolution and ecosystems

This module marks the start of Y13 teaching. This module covers the role of genes in regulating and controlling cell function and development. Heredity and the mechanisms of evolution and speciation are also covered:

-Ecosystems;

-Populations and sustainability. This module provides a context for synoptic assessment and the subject content links strongly with content encountered in Module 2: Foundations in Biology.

Module 4 - Biodiversity, evolution and disease

This module also provides a context for synoptic assessment and the subject content links strongly with content

learners with a knowledge and understanding of the important biological concepts that underpin the study of AS Biology
The importance of these basic biological concepts is seen as a prerequisite for all further modules, which is why it is taught

Module 4 – Biodiversity, evolution and disease

This module introduces the vast biodiversity of organisms and how they can be measured. This module also introduces the techniques to preserve biodiversity. Finally, students will study the pathogenic nature of organisms and how they affect plants and animals:

-Classification and The 5
Kingdoms;
-Phylogeny and The Evidence for
Evolution;
-Types of Variation, Representing
Variation Graphically;
-Adaptations, Changing
Population Characteristics;
-Biodiversity, Types of Sampling,
Sampling Techniques

encountered in Module 2:
Foundations in biology.
-Communicable diseases, disease
prevention and the immune
system;
-Biodiversity;
-Classification and evolution.

SUBJECT	BUSINESS	
Head of Department	Ms S de Souza	
Pearson Edexce	GCE in Business	
Paper 1: Marketing, people and global businesses	35%	Written Exam, 2 hours
Paper 2: Business activities, decisions and strategy	35%	Written Exam, 2 hours
Paper 3: Investigating business in a competitive	30%	Written Exam, 2 hours
environment		



		Autumn Term	Spring Term	Summer Term
Ī		Meeting customer needs	Managing people	External influences
		Students investigate the	Students gain knowledge on the	Students will learn a variety of
		importance to businesses of	processes involved in the	external impacts of the economy
		understanding customer needs,	recruitment process, how	and legislation on business. This
		discuss the impact of not	businesses are organised, discuss	will hone in on analysis skills.
		listening to customer feedback in	the differences between	
		a dynamic market and reasons	management and leadership and	Business objectives and strategy
		for changes in demand and	learn about different leadership	Students consider the difference
		supply.	styles by looking at influential	between aims and missions.
			leaders.	Students can apply this to their
		Entrepreneurs and leaders		own personal lives, which
	What we	Students explore the key	Resource management	contributes to the development
	teach and	characteristics of successful	Businesses use different methods	of evaluation skills. It will allow
		entrepreneurs, barriers to	of production and students will	students to consider objectives
	why	entrepreneurship	understand this by further	before making judgements.
		and reasons why people set up	investigating businesses	
		businesses	discussed when looking at	<u>Globalisation</u>
			entrepreneurs and managing	Students explore factors of
		Raising Finance	people	globalisation, which is crucial in
		Finance is crucial for businesses		analysing the current political
		to survive and students will	Global marketing	and economic climate and case
		understand the contribution that	Students will learn how	studies learned in Y12 will
		cash-flow, budget and profit	businesses adjust their marketing	constantly feature in Y13.
		makes for a business success.	strategies and will consider the	
			impact of cultural differences,	
			different tastes, and language.	

SUBJECT		CHEMISTRY	
Subject Lead		Ms S Badri	
OCR A-Level in Chemistry A		n Chemistry A	
Paper 1: Breadth in Chemistry	509	% Written Exam, 1 hour 30 minutes	
Paper 2: Depth in Chemistry	509	% Written Exam, 1 hour 30 minutes	
Practical endorsement in chemistry	N/	'A Non- Examined Practical Assessment	



	Autumn Term	Spring Term	Summer Term
	Module 1 – Development of	Module 1 – Development of	Module 1 – Development of
	practical skills in Chemistry	practical skills in Chemistry	practical skills in Chemistry
What we teach and why	Module 1 of the specification content relates to the practical skills learners are expected to gain throughout the course, which are assessed throughout the written examinations. Practical activities are embedded within the learning outcomes of the course to encourage practical activities in the laboratory, enhancing learners' understanding of chemical theory and practical skills. Module 2 – Foundations in Chemistry -Atoms, compounds, molecules and equations -Amount of substance -Acid—base and redox reactions Electrons, bonding and structure	Module 3 – Periodic table and energy The focus of this module is inorganic and physical chemistry, the applications of energy use to everyday life and industrial processes, and current environmental concerns associated with sustainability. The content in this module builds on knowledge and understanding of the chemical concepts developed in Module 2. This module provides learners with a knowledge and understanding of the important chemical ideas that underpin the study of inorganic and physical chemistry: the periodic table: -periodic and group properties -enthalpy changes and their determination	Module 3 – Periodic table and energy -rates of reaction -reversible reactions and chemical equilibrium This module provides a context for synoptic assessment and the subject content links strongly with content encountered in Module 2: Foundations in chemistry: -Atoms, moles and stoichiometry -Acid and redox reactions -Bonding and structure Module 4 – Core organic chemistry This module also provides a context for synoptic assessment and the subject content links strongly with content
			12 Page

This module acts as an important bridge into AS and A Level Chemistry from the study of chemistry within science courses at GCSE level. This module provides learners with a knowledge and understanding of the important chemical ideas that underpin the study of AS Chemistry

The importance of these basic chemical concepts is seen as a prerequisite for all further chemistry modules, which is why it is taught first.

-consideration of energy and yield in improving sustainability. This module allows learners to develop important qualitative practical skills, especially observational skills required for analysis, and accurate quantitative techniques involved in determination of energy changes and reaction rates.

Module 4 – Core organic chemistry

This module introduces organic chemistry and its important applications to everyday life, including current environmental concerns associated with sustainability. The module builds on knowledge and understanding of the chemical concepts developed in Module 2. This module provides learners with a knowledge and understanding of the important chemical ideas that underpin the study of organic chemistry: -nomenclature and formula representation, functional groups, organic reactions and isomerism -aliphatic hydrocarbons -alcohols and haloalkanes -organic practical skills and organic synthesis -instrumental analytical techniques to provide evidence of structural features in molecules.

This module also provides learners with an opportunity to develop important organic practical skills, including use of Quickfit apparatus for distillation, heating under reflux and purification of organic liquids.

encountered in Module 2: Foundations in chemistry. -Atoms, moles and stoichiometry -Acid and redox reactions -Bonding and structure

SUBJECT			DRAMA
Head of Department		Ms G Green	
Pearson Edexcel GCI		in Drama & Theatr	e
Component 1: Devising		40%	Portfolio & Performance
Component 2: Performance from Text		20%	Performance
Component 3: Theatre Makers in Practice		40%	Written Exam, 2 hours 30 minutes



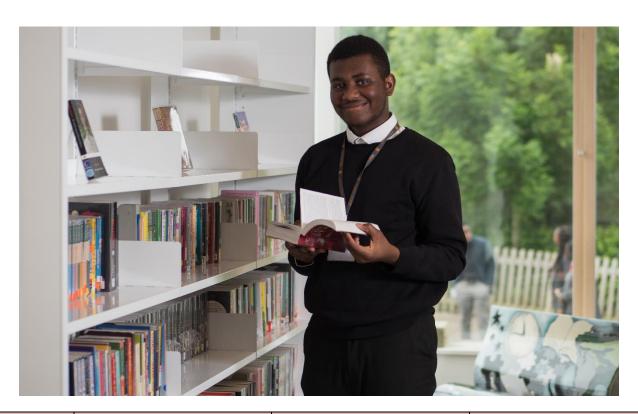
Autumn Term Spring Term Summer Term The A Level course begins with a Students continue to develop The devised piece is performed series of workshops in which their devising. At this stage they early in the summer term students explore the different will have considered the following the final stages of refinement. The performance is methodologies of several theatre narrative and structure of their practitioners. This allows assessed internally and sent off piece and by utilising the students to develop their techniques of their chosen for moderation. understanding of a variety of theatre practitioner to create theatrical styles. Students will scenes which have a precise Alongside the performance, also select one of these impact on the overall message students are also assessed on a practitioners to influence their portfolio created which responds they want to deliver. The process own devising. of devising is experimental and to six questions regarding the not all drama created will end up devising process. Students use their logbooks to develop their Students are then introduced to a in the final piece. Students are What we range of stimulus and in groups encouraged to be self-critical and responses to these questions and teach and begin the process of devising a edit their work appropriately. are encouraged to be evaluative Teachers facilitate the devising piece of Drama. At this initial and analytical. The portfolio is why stage, research plays an process, but it is the marked and students redraft by important part in the devising responsibility of the students to responding to feedback. process. We want our students to self-manage their rehearsal become experts on the themes process. They are expected to Throughout year 12, component create a rehearsal schedule and 1 is fully completed. and issues that they have chosen to create a piece of Drama about. meet their deadlines. The research informs the initial choices that students make Whilst rehearsing, students create a log book in which they regarding plot and characters. detail the development of their piece in terms of genre, style, structure, characters and language.

SUBJECT	ECONOMICS	
Head of Department	Ms S de Souza	
Pearson Edexcel GCE in Economics B		
Paper 1: Markets and how they work	35%	Written Exam, 2 hours
Paper 2: Competing in the global economy	35%	Written Exam, 2 hours
Paper 3: The economic environment and business	30%	Written Exam, 2 hours



Spring Term Autumn Term Summer Term Our chosen specification is In Term 2, the topics are aimed By the end of the final term, we designed to support a range of to develop critical key for expect students to be making interests, learning styles and progression in Economics: connections across these two aspirations for progression in the themes. Students will need to apply subject. Thinking like an economist their knowledge and understanding of both familiar and unfamiliar Students investigate how Theme 1: Markets consumers and measuring consumer response contexts in the assessments, and firms to changes in prices and demonstrate an awareness of Students are introduced to the incomes can help firms to make current economic events and basic economic problem and the price, product and output policies. way in which different economic decisions. agents have different and Throughout the year, we conflicting objectives. Students The application of economic encourage engagement with explore the way in which theories and appropriate economics through wider reading to consumers make choices and What we quantitative skills to relevant build upon entrepreneurs create desirable real-world contexts the knowledge developed in Themes teach and products. Students will be investigating 1 and 2. why economic growth rates and how Theme 2: The wider economic constant changes can Students will have the environment skills, understanding and Success in business requires create instability and dynamism and flexibility, which an awareness of the current issues uncertainty for firms. must include technical excellence, impacting the sensitivity to market trends and The themes looked at over the subject necessary to transition into imaginative thinking. This theme two years look to support the second year of study. helps students to explore how students in developing concepts firms can become more and the interaction between competitive. It economic agents, applicable to introduces students to the wider real-world context. international and economic environment in which firms operate.

SUBJECT	ENGLISH LITERATURE	
Head of Department	Ms C Fox	
AQA GCE in English Literature		
Paper 1: Love through the ages	40%	Written Exam, 3 hours
Paper 2: Tests in shared contexts	40%	Written Exam, 2 hours 30 minutes
Paper 3: Independent Critical Study	20%	Coursework



SUBJECT		GEOGRAPHY		
Head of Department		Mr J Crotty		
OCR A-Level in Geography		n Geography		
Paper 1: Physical Systems		22%	Written Exam, 1 hour 30 minutes	
Paper 2: Human Interactions		22%	Written Exam, 1 hour 30 minutes	
Paper 3: Geographical Debates		36%	Written Exam, 2 hours 30 minutes	
Component 4: Investigative Geography		20%	Coursework	



Autumn Term Paper 3 Geographical Debates Hazardous Earth

This is a major topic which looks at the structure of the planet and links this with key theories such as Plate Tectonics,
Palaeomagnetism and
Continental Drift. Students will then study the key hazards of earthquakes, different volcanoes and tsunamis. These key themes will be linked to how humans interact and mitigate against them. This topic will revisit key themes previously learnt in key stage 3 Geography.

<u>Paper 3 Geographical Debates</u> <u>Disease Dilemmas</u>

This topic revisits the key theme of development studied in GCSE and looks at disease classification, global distribution and links this with Geographical themes of location and wealth.

Spring Term

<u>Paper 2 Human Interactions</u> <u>Changing, Spaces; Making Places</u>

This topic links with the Changing Cities unit studied at GCSE and focuses on the idea of rebranding, regeneration and reimaging of urban locations, with a particular focus on Hackney and London. Students will learn about the reasons why this happened and compare different approaches to dealing with urban living in the 21st century.

Paper 1 Physical Systems Coastal Landscapes

This is a key unit studied throughout GCSE Geography. Students will learn about the physical processes and then link these to different Geographical locations around the world and then focus on human interactions and mitigation strategies, particularly linking to climate change.

Summer Term

Paper 2 Human Interactions Global Migration

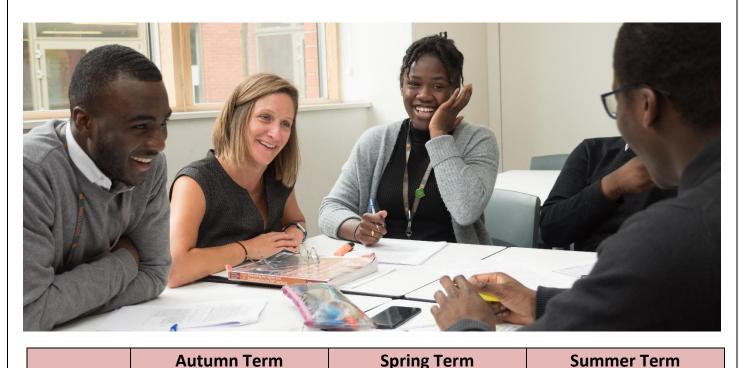
This key topic looks at the reasons why migration happens across the world, using case studies of countries at different economic stages of development to show the consequences of this mass movement of people.

Policies are studied and the flows and movements across the world.

Unit 4 Geographical Investigation.

This element of the course is worth 20% of the final mark. Students will select their own theme based around the local case study of Stratford. Students will be able to focus on key themes of urban regeneration or human interactions of this newly developed world-famous urban area.

SUBJECT	HISTORY		
Head of Department	Ms A Earthrowl		
Pearson Edexcel	GCF in I	History	
		i iistoi y	
Paper 1, Option F: Breadth study with interpretations	(In	30%	Written Exam, 2 hours 15 minutes
search of the American Dream: the USA, 1917-96)			
Paper 2, Option F2: Depth study (South Africa, 1948-94:	from	20%	Written Exam, 1 hour 30 minutes
apartheid state to 'rainbow nation')			
Paper 3, Option 35.2: Themes in breadth with aspects in depth		30%	Written Exam, 2 hours 15 minutes
(The British experience of warfare, 1790-1918)			
Paper 4: Coursework (Why did the Cold War come to an	end?)	20%	Coursework



In search of the American Dream

This topic explores how the American political environment was shaped and changed by world and domestic events. You will study the impact of war and the Cold War on America, political scandals and corruption and investigate the Civil Rights Movement through the eyes of Civil Rights leaders such as Malcolm X and Ida B Wells.

South Africa 1948-94

In your first term you will explore the colonisation of South Africa by white supremacists and the implementation of the Apartheid system which legally gave privileges to white people and radically damaged the lives of other races. You will investigate the initial response by anti-

In search of the American Dream

This term you will explore the changing role of women in American society and the extent that the feminist movement has achieved equality. You will also explore American attitudes to immigration and how this has developed and changed. Finally you will look at the role of cinema, radio and television in altering American lives.

South Africa: 1948-94

This topic explores the development of the antiapartheid movement and how the movement was forced tactically to switch to violence in the face of increased oppression from the government. Within this topic you will evaluate the world famous Rivonia Trial and the

Summer Term In search of the American Dream

This term will help you become a historian through developing your interpretation skills. You will explore the presidency of Ronald Reagan, the only actor to become president, and decide how successful you think his presidency was.

South Africa:1948-94

In your final module you will investigate how the end of apartheid came to be. You will explore violent outbursts within South Africa, international opposition and the role of key leaders such as Nelson Mandela and Oliver Tambo. By the end of the course you will be able to decide if violence is necessary for making effective political change.

	apartheid groups, such	as the development of grass-roots		s level	
	ANC.	opposition.			
	SUBJECT			N	1ATHS
He	ead of Department			MrJ	Okosun
Pearson Edexcel GCE in Mathen		GCE in Mathematics			
Paper 1: Pu	re Mathematics 1		33.3%		Written Exam, 2 hours
Paper 2: Pu	re Mathematics 2	33.3%			Written Exam, 2 hours
Paper 3: Statis	stics and Mechanics		33.3%		Written Exam, 2 hours



Autumn Term Pure Maths

We cover the basics of algebra, linear quadratic and cubic graphs, transformations of graphs, coordinate geometry involving circles, trigonometry and trigonometric identities. This builds on what pupils have learnt at GCSE and are the essential prerequisite skills required to be successful mathematics students at KS5.

Applied Maths

We start the year learning the statistics topics of data Collection, measures of location and spread, representation of data, correlation and probability. This builds on some prior knowledge from GCSE and ensures that they have learnt key terminology to access the rest of the course.

Spring Term

Pure Maths

We introduce the basics of calculus and teach pupils how to both differentiate and integrate. We then introduce pupils to exponential and logarithmic functions, algebraic methods and the binomial expansion. This concludes all of the year 1 content. The skills mastered in these slightly harder year 1 content topics prepare the pupils for topics that they will cover in the second year of their course.

Applied Maths

Pupils cover statistical distributions and hypothesis testing which completes the year 1 statistics content. The then cover the introductory mechanics topics of modelling, constant acceleration and forces and motion. These are all necessary prerequisites for the year 2 applied maths course.

Summer Term

Pure Maths

Having completed the year 1 content we cover algebraic methods and functions and graphs from the year 2 content before spending some time on revising all of the year 1 content before the end of year exams. Starting the year 2 course is so that pupils will have more time in the second year of their course for difficult topics and revision.

Applied Maths

We complete the year 1 course with variable acceleration and then begin the year 2 statistics course by studying regression, correlation and hypothesis testing before revising for the end of year exams. Starting the year 2 course is again, the relieve some of the pressure from the following year.

SUBJECT		MATHS (FURTHER)	
Head of Department		Mr J Okosun	
Pearson Edexcel GCE i		n Further Mathema	tics
Paper 1: Core Pure Mathematics 1		25%	Written Exam, 1 hour 30 minutes
Paper 2: Core Pure Mathematics 2		25%	Written Exam, 1 hour 30 minutes
Paper 3: Decision Mathematics 1		25%	Written Exam, 1 hour 30 minutes
Paper 4: Further Statistics 1		25%	Written Exam, 1 hour 30 minutes



Autumn Term Spring Term Summer Term Core Pure Core Pure Core Pure We begin the course by covering We cover roots of polynomials, Having finished the year 1 complex numbers and matrices. proof by induction, vectors and content, we get a head start on the year 2 content by covering This is to introduce pupils to two volumes of revolution as the completely new and interesting topics that complete the year 1 more complex numbers and polar topics from the course and at the core pure content. Most of these coordinates. The complex same time they do not require are stand-alone topics but numbers content builds on and any prerequisite learning from volumes of revolution is a consolidates what we learnt the mathematics course that runs prerequisite for year 2 content. earlier in the year and polar parallel to this one. coordinates is a topic that doesn't require any prerequisite **Applied** What we **Applied** We continue with decision learning. teach and mathematics by covering linear The first option we cover is decision mathematics. The pupils programming, critical path **Applied** why learn about algorithms, graphs analysis and the simplex We begin the further statistics and networks and the travelling algorithm. These are slightly option by covering discrete random variables, geometric and salesman problem. This is harder topics and so we wait completely new and inspiring until after Christmas to teach negative binomial distributions, content for pupils that holds ever them when pupils are more poisson distributions and more more importance in a world accustomed to what is required hypothesis testing. These are all rapidly becoming more of them at KS5. important statistical topics that dependent on programming and can support pupils who are the use of algorithms with interested in statistics or any computers. degree or employment that uses statistical analysis.

SUBJECT		MODERN FOREIGN LANGUAGES: SPANISH		
Subject Lead		Ms S Borroni		
	AQA GCE	in Spanish		
Paper 1: Listening, reading and writing	50%	Written Exam, 2 hours 30 minutes		
Paper 2: Writing	20%	Written Exam, 2 hours		
Paper 3: Speaking	30%	Oral Exam		



Summer Term Autumn Term Spring Term Theme 1: Sociedad. Theme 1: El turismo en España. Theme 3: el Multiculturalismo en Within this theme, students Students acquire knowledge on the la sociedad Hispana. impact of tourism in Spanish develop knowledge of the Within this theme, students economy and the opportunities for changes in Spanish society (1930s develop consciousness on the young people within the sector. - today). They are introduced to positive impact and influences of topics that have shaped Spanish other cultures in Spanish society. Theme 2: El ciberespacio Society, such as the Spanish Civil Attention is focused on the Students look into the influence War, the influence of challenges of immigration from and the developing presence of Catholicism, the emancipation of and into Spanish-speaking technology in the past 20 years, women and the recognition of countries. this enables reflection on the LGBT+ organisations. advantages and disadvantages. Film: El laberinto del Fauno. Theme 2 Culture: Influencia de Students study the movie from What we Theme 2 culture: La identidad los idolos. Mexican director Guillermo del Regional en España. teach and Within this theme, students learn Toro. Exploring the themes (of Pupils learn about the differences about Spanish pop culture war, the role of women in society why in identity within the different (including athletes, music and and loss) and symbolisms hidden parts of Spain. In particular, within films). They reflect and in the story. While developing gastronomy, the famous religious acknowledge the influence of festivals in Spain critical analysing skills they will Spanish and Latin-American also begin to incorporate prior Theme 2 culture: El patrimonio culture within our society. knowledge in order to succeed in cultural. their writing assessments. Students discover some of the most important painters and artists from the Spanish-speaking world (Frida Kahlo, Salvador Dali, Pablo Picasso). As well as taking a look into the influence of the Arab world in Spanish architecture.

SUBJECT		PHILOSOPHY & ETHICS	
Head of Department		Mr M Tisi	
AQA A-Level Religious Studies			
Paper 1: Philosophy of religion and ethics	5	0%	Written Exam, 3 hours
Paper 2: Study of religion and dialogues (2B:	5	0%	Written Exam, 3 hours
Christianity)			



Spring Term Autumn Term Summer Term In Philosophy, we start by looking Students start the term by In the summer term we explore at the Christian understanding of learning about Christian views on Christian views on life after God, exploring concepts of authority and scripture. This death, looking at what is meant Trinity, Monotheism and the consist of an exploration of by the soul and resurrection. We attributes of God. differing views on the authority then work on how these beliefs of the Bible, Church and Jesus, impact views on heaven and hell. We then use these to gain an asking whether these have any understanding of the true meaning. Following this we look at the Cosmological, Teleological and question of identity and the way Ontological arguments for the We then move on to the in which these beliefs can impact existence of God and evaluating importance of religious someone's sense of identity. We them in light of modern science. experience and visions as source finish the year in Philosophy by engaging in the evaluation of the of authority, asking whether What we Meanwhile in Ethics we begin the these are religious or simply importance of rituals such as teach and study of 'right and wrong' by psychological. baptism and the Eucharist in looking at the main ethical determining someone's religious why theories of Natural law, Situation In Ethics we spend the term identity. Ethics and Virtue Ethics and exploring the application of key evaluating these theories with ethical theories on issues such as We finish the year in Ethics by reference to key thinkers and theft, medical ethics and war. exploring the problem of evil. We arguments. Developing out exam This allows us to delve into the do this through studying the skills as we go. key topics in light of modern day various forms of this problem, issues, when applying these then exploring the various theories in a meaningful way in responses to the problem before We then look at how these apply order to evaluate their value. evaluating their value in solving to Christianity today by exploring the key ethical principle of the this challenge. faith. This will allow us to see the practical impact of Ethical ideas in both philosophy and religion.

SUBJECT			PHYSICS
Subject Lead			Mr V Pecina
OCR A-Level in Physics A			
Paper 1: Breadth in physics	509	%	Written Exam, 1 hour 30 minutes
Paper 2: Depth in physics	509	%	Written Exam, 1 hour 30 minutes



Autumn Term Foundations of physics introduces the important ideas and conventions that permeate the fabric of physics. Students will develop skills in in critical thinking, reasoning and logic. By developing and understanding vectors, students will build power mathematical toolkit that they will use through their studies. A study of errors, uncertainty, precision and accuracy students will understand limitations to their experiment. Module 2 – Foundations of What we **Physics** teach & Physical Quantities & SI Units

why

Nature of Quantities

Module 3 – Forces and Motion

Kinematics Linear Motion Projectiles **Dynamics** Motion with Non-Uniform Acceleration Equilibrium Density and pressure Work, Energy & Power

Module 4 – Electrons, waves and photons

Charge & Mean Drift Velocity Circuit Symbols, E.M.F & P.D.

Spring Term

Forces and motion are tightly knitted together. Motion explores the key ideas used to describe and analyse motion in both one and two dimensions. Forces develops ideas about the effect of force on objects. Work, energy and power explores important link between work done and energy. Materials introduces several ideas that are essential in engineering.

Charge and current provides and introduction to the fundamental ideas of charge and current, exploring the link between lightning strikes, the human brain, and the wonder materials that is graphene

Module 3 – Forces and Motion

Work, Energy & Power Conservation of Energy Potential and KE Materials: Mechanical Properties of Matter Newton's Laws of Motion Collisions

Module 4 – Electrons, waves and photons

Wave Motion **Electromagnetic Waves** Superposition of waves

Summer Term

Thermal physics introduces ideas around temperature, matter, specific heat capacity and specific latent heat.

Students will learn about macroscopic motion of ideal gas using Newton's laws. Capacitors introduces the basics properties of capacitors and how they are used in electrical circuits.

Module 5 - Newtonian world and astrophysics

Temperature Kinetic Models for Solid, Liquid, Gas Thermal Properties of materials Ideal Gases

Module 6 – Particles and medical

physics

Capacitance (+ Total Capacitance) Energy Stored in Capacitor Time Constant of Capacitor Charging and Discharging Capacitors

Resistance and Resistivity	Stationary Waves	
Power Series and Parallel Circuits Internal Resistance Potential Dividers Wave Motion	Photons The Photoelectric Effect Wave-Particle Duality	

SUBJECT	PSYCHOLOGY		
Head of Department	Ms A James		
AQA A-Level in Psychology			
Paper 1: Introductory Topics in Psychology	33.3%	Written Exam, 2 hours	
Paper 2: Psychology in Context	33.3%	Written Exam, 2 hours	
Paper 3: Issues and Options in Psychology	33.3%	Written Exam, 2 hours	



Spring Term Autumn Term Summer Term The students will start the course To start the spring term students In the summer term the students with an introduction to Research will investigate theories and will be introduced to the study of **Methods and Attachment** research behind the study of Psychopathology and Social Influence and Human **Psychological Approaches.** Knowledge and understanding of Memory research methods, practical The content taught within research skills and mathematical Psychopathology provides the These topic is taught in the first knowledge needed for the topic skills will be assessed in Paper 1. year of the course as they are 'Schizophrenia' taught in year 2. These skills will be developed assessed on paper 1. through study of the ethical and Where students will discover how practical research activities. The topic Social Influence psychopathological disorders are Methodological evaluation, provides the foundations of diagnosed and treated. What we analysis and interpreting data are knowledge needed for the topic teach and The study of Psychological skills required within all topics, 'Aggression taught in year 2. therefore it is imperative that this Students will explore the reasons Approaches underpins all other why the first topics taught. and research behind why people topics within the course. Through conform and obey, then how developing knowledge in this The topic of Attachment provides social influence impacts social area students will be able to the foundations of knowledge compare and evaluate the change. needed for the topic fundamentals behind each 'Relationships' taught in year 2. Through the exploration of approach in relation to This topic is assessed in paper 1. research and theory of Human determinism, reductionism and Students will explore themes Memory students will develop an scientific stand point. which provide insight into the understanding memory nature and importance of early retention, forgetting and the attachment on social emotional impact on eye witness testimony. and physical development.

SUBJECT		SOCIOLOGY
Head of Department	Ms A James	
AQA A-Level in Sociology		
Paper 1: Education with Theory and Methods	33.3%	Written Exam, 2 hours
Paper 2: Topics in Sociology	33.3%	Written Exam, 2 hours
Paper 3: Crime and Deviance with Theory and Methods	33.3%	Written Exam, 2 hours



SUBJECT	5		
Subject Lead			
OCR L3 CAMBRIDGE TECHNICAL DIPLOMA IN BUSINESS – Marketing Pathway - 05837			
Unit 1: The Business Environment	May Exam		
Unit 2: Working in Business	January Exam		
Unit 4: Customers and Communication	Coursework		
Unit 5: Marketing and Market Research	Coursework		
Unit 6: Marketing Strategy	Coursework		



	Autumn Term	Spring Term	Summer Term
	Unit 1: The business environment	Unit 1: The business environment	Unit 1: The business environment
	Students will develop and understanding of how and why businesses operate in the way they do. Students investigate a range of different types of business and business structures and explore how the ownership of	Students will understand the legal, financial, ethical and resource constraints under which a business must operate and how these can affect business behaviour. Students begin to see how the unit underpins the course.	Students will explore ways in which businesses respond to changes in their economic, social and technological environment, and the necessity for a business to plan and interpret business performance
What we teach and	a business and its objectives are interrelated.		
why	Unit 2: Working in Business Students will cover the skills and understanding needed to work effectively within a business environment. This includes arranging meetings, working with business documents, making payments, prioritising business activities and communicating with stakeholders.	Unit 2: Working in Business Exam practice in preparation for Unit 2 examination in January 2021	Unit 5: Marketing and Market Research This unit explores when, how and why different research methods are chosen and how this can inform the different actions that a
	Students prepare for Unit 2 examination in January 2021	Unit 6 Marketing Strategy	Unit 6 Marketing Strategy

Unit 4: Customers and Communication

Customers are vital to the success of any business. Students will learn the purpose, methods and importance of communication in business and the appropriateness of different forms of communication for different situations. Students discuss the implications of storing personal data.

Marketing strategy plays a key role in a business. Students will learn about how businesses set different marketing objectives. They will consider the changing use of digital marketing and the benefits of branding for businesses.

Students will consider the different approaches to marketing, for example, when taking a new product to an existing market or entering a totally new market with a new product. They will then be able to use business tools to propose a marketing strategy. This unit will support their plan and pitch for a marketing campaign.

VOCATIONAL: HEALTH & SOCIAL CARE				
Ms A James				
OCR L3 CAMBRIDGE TECHNICAL EXTENDED DIPLOMA IN HEALTH & SOCIAL CARE				
Coursework				
Exam				
Exam				
Exam				
Coursework				
Exam				
Exam				
Coursework				
Coursework				
Exam				



Autumn Term	Spring Term	Summer Term
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Students will begin the course exploring units, which aim to develop a foundation of knowledge on the core principles of Health and Social Care.

Unit 1: Positive relationships in Health and Social Care

This unit aims to introduce students to the many different relationships that they will encounter within the health and social care sector. By doing this unit they will apply communication and relationship building skills in a practical way, considering how different factors, including context, can impact on the building of positive relationships.

Unit 3- Health safety and security in health and social care

What we

teach and

why

This unit introduces students to health, safety and security in health and social care. Students will acquire the necessary knowledge and skills to equip them in maintaining a safe working environment. The students will learn how legislation, policies and procedures work to reduce risks in health and social care and the consequences of not following them.

Unit 4- Anatomy and Physiology for Health and Social Care

This unit aims to introduce students to the basic structure and functions of the body systems involved in everyday activities and maintenance of health, including cardiovascular, respiratory and digestive systems.

At the beginning of the Spring term students work will be externally examined by OCR Exams by OCR

Units taught in the spring term will develop an understanding service users who access health and social care provisions

Unit 2: Equality, diversity and rights in health and social care:

This unit will help learners to appreciate the implications of diversity on practice and also the effects of discriminatory practice on people who use services.

Unit 4: Anatomy & Physiology:

This unit will provide a core understanding and knowledge of

human anatomy and physiology

Unit 5- Infection Control

In this unit students will learn about the importance of infection control and will be introduced to methods that help to prevent the spread of infection. All of this will enable students to apply infection control methods in the workplace.

Unit 12 – Promote positive behaviour

This unit will introduce students to ways in which they can promote positive behaviour and manage and support people whose behaviour is considered to be challenging. Students will see the impact of the way care and support are delivered, the environment and other

During the summer term students work will be Internally Moderated and students will sit end of unit Exams by OCR
Units taught in the summer term will develop an understanding Health and social care providers REVISION

Unit 14- The Impact of Long-Term Physiological Conditions

This unit will allow students to support individuals with long-term physiological conditions in planning their care and support by introducing you to the types, causes and effects of these conditions on individuals, the day-to-day effects the conditions can have, the roles of practitioners who care for and support individuals and other forms of support provision and regulatory frameworks.

Unit 7- Safeguarding

This unit will help to broaden the learners' awareness of the different forms of harm and abuse that individuals may experience and why. Learners will gain an appreciation of the adults most at risk of abuse, the types and effects of abuse and how the rights, independence and wellbeing of adults can be supported and protected

Unit 6 - Personalisation and a person centred approach

In this unit students will develop an understanding of the values that underpin a person-centred approach. The unit will explore how changes over time in attitudes and in policies have resulted in health and social care professionals adopting a person-centred approach to care.

Unit 25- Research Methods in Health, Social Care and Childcare

Students will find out about different research approaches and methods and their strengths and limitations. Ethics are a key part of carrying out research and students will find out how researchers ensure their investigations

factors on behaviour and how to manage these to promote positive behaviour.

Unit 25- Research Methods in Health, Social Care and Childcare

Students will find out about different research approaches and methods and their strengths and limitations. Ethics are a key part of carrying out research and students will find out how researchers ensure their investigations cause no harm to participants.

cause no harm to participants.	
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