

Year 10 Curriculum Handbook 2022—2023

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Dear Parents/Carers,

The term has finally started! It has been an absolute pleasure to welcome all our students back on site for their learning at Barnhill this academic year. The energy and engagement seen in classrooms and around school has been palpable and we are all excited to work with our students; developing them further in their educational journey and supporting them to achieve their best in their GCSE's.

Our teachers have done a brilliant job designing an exciting, ambitious and creative curriculum in their subject areas for our students at Key Stage 4, one which is diverse, innovative and accessible for all. Our curriculum offer takes a student-centred approach, with a focus on developing independent learners, fostering creativity and developing critical thinking skills for the 21st century learner and preparing them for post 16 education and careers.

To help support our parents and students in understanding the curriculum throughout the academic year, you will find the curriculum guides very useful. These guides give you an overview of the topics being studied in each subject in at Key Stage 4 GCSE's. We have sequenced the learning to ensure every subject starts with the core basic knowledge and skills, then moving onto explore the *best of what has been thought and said in our world*. These guides will also help parents and students to plan ahead and explore areas they are studying and/or need to develop further. An individual copy has been given to each student, in addition to this you can find these on our website under the curriculum area.

We would encourage all parents and students to go through these guides at your convenience to help gain an understanding of the curriculum offer and hope you find them useful. If you have any questions please direct them to the subject teacher or Curriculum Leader who are the subject specialists and will be happy to support with any queries.

Yours faithfully,

Tayyba Qureshi (Deputy Headteacher), Naz Hayyan & Jenny Jacobs (Achievement Leader)

Year 10 Curriculum Overview

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6	
Art	Landscape	Landscape	Landscape	Human body	Human body	Human body	
AIT	Research	Recording	Outcome	Research	Recording	Outcome	
Business	Enterprise	Spotting an opportunity	Putting idea	s in to practice	Making business effective	External influences	
Child Development	Children, growth and development	Factors which affect child development	Learning through play	Interole of adults		Coursework	
Computer Science	Networks	Algorithms	Data representation	Programming constructs	Data representation	Programming constructs	
Dance	Performance piece	Emancipation of expression	Artificial things	Set solos	Finalising Choreography	Within her eyes	
Digital Information Technology	Component 1: Inve design for individua		Component 1:	Project planning	Component 1: Dev user int	-	
Drama	Roles and responsibilities in the theatre	Developing Skills	Component 2 : and Techniques in t	he Performing Arts	Compor Exploring the P		
English	A Christmas Carol	An Inspector Calls	Macbeth	Language Paper 2	Power & Conflict	Power & Conflict (Poetry)	
French	Town and c	ountryside	Holidays	and travel	Sch	ool	
Geography	Urban challenges in NEE cities	Urban change in the UK	Sustainable Urban Living	Physical Landscapes in the UK (Coasts)	Physical Landsc (Rive		
Health and Social Care	Factors affecting health and wellbeing	Interpreting health indicators and Health plans	Health and Wellbeing	Dealing with Life Events	Revision	Dealing with Life Events	
History	Weimar and Nazi Germany (Units 1 & 2)	Weimar and Nazi Germany (Units 3 & 4)	The reigns of King Richard and King John (Units 1 & 2)		Richard and King John Migrants in its 2 & 3) Britain Unit 1		
Mathematics	Equations & inequalities	Probability		coning/ Similarity & Statistics/Equations & Graphs, Trigonometry Circle Theorems		• •	
Music	Vocal Music	Instrumen	tal Music	Fusion 1	Stage &	Screen	
Photography	Formal E	lements	Mixed Media	Photoshop skills	Light and A	bstraction	
RE	Christian	beliefs	Marriage and the family			e and Death	
Science - Biology	Cells	Organi	sation	Infection & Response Bioenerget		Bioenergetics	
Science - Chemistry	Energy Changes	Rates o reactions	Reversible reactions and equilibrium	Organic Chemistry	Chemical Analysis	Chemistry of the atmosphere	
Science - Physics	Atoms & Nuclear Radiation	Forces and their Interactions	Moments, levers & gears	Forces & Motion	Pressure	Waves in air fluids and solids	
Sociology	The Sociology of Families		The Sociolog	gy of Education	The Sociology of C	rime & Deviance	
Sport , Activity and Fitness	Fitness and how it affects skill perfor- mance	External Exam	Common medical conditions, and reducing the risk of injury.	Fitness and how it affects skill perfor- mance continued.	Fitness and how in formance c	•	
Spanish	Identity 8			nolidays, travel	Identity 8		

Y10 Art

Subject Overview	During year 10 we will focus on 2 projects consisting of landscape and portraiture, you will explore a range of different techniques and media. Students will explore the assessment objectives set by AQA GCSE fine art in the following ways: Research and Analysis Experimentation and Refinement Recording Response		
Curriculum Cor	ntent		
Autumn 1	Landscape project Mark making techniques How do different artists explore landscape Vincent Van Gogh - copy and response Water colour techniques David Parfitt—copy and response		
Autumn 2	Acrylic techniques Brian Buckrell artist copy and response Artist 4 copy and response		
Spring 1	Final piece planning Photoshoot Thumbnail designs Media trials Final piece		
Spring 2	Human Body project Tonal self portrait Mark Powell artist copy Print making		
Summer 1	Acrylic artist copy and response Artist 4 copy and response		
Summer 2	Final piece planning Photoshoot Thumbnail designs Media trials Final piece		
Additional Info	rmation		
Assessment	Work is marked and assessed throughout landscape and portrait project.	the course. There will be an exam at the end of the	
Homework Structure	Homework will be set out throughout the based homework.	course. This will include practical and research	
Enrichment	After school catch-up sessions.		
	<u>https://www.microsoft.com/en-gb/</u> microsoft-teams/log-in	This is where lessons and homework resources are uploaded to the class team.	
	https://www.vangoghmuseum.nl/en/art- and-stories/art/vincent-van-gogh	Vincent Van Gogh artist page	
Online	https://www.clairewiltsher.com/	Claire Wiltshire artist website	
Resources	http://davidparfitt-art.co.uk/about/	David Parfitt artist website	
	https://www.tate.org.uk/	Tate museum website	
	https://www.moma.org/	Museum of modern at website	
Extra reading	Hobbs, J (2014) Sketch your World Apple Press Marr, A (2013) A Short Book About Drawing Quandrille Valli, M & Ibara, A (2013) Walk the Line. The Art of Drawing Laurence King Wright, C (2008) The Magic of Drawing Impact Bleiweissm, S (2012) The Sketchbook Challenge Potter Craft		

Y10 Business

	Students are on a two Year course with students cover	ring topics 1.1 to 1.5 in Year 10	
Subject Overview	"Investigating small business" The focus is understanding what business is making it bannon, making it effective and have		
Overview	The focus is understanding what business is, making it happen, making it effective and have consideration of external influences.		
Curriculum Co	ontent		
Autumn 1	1.1 Enterprise and Entrepreneurship – Dynamic naturness ideas come about, risk and reward, role of busine	-	
Autumn 2	1.2 Spotting a business opportunity – Customer needs, market research and segmentation, market mapping and the competitive environment		
Spring 1	1.3 Putting a business idea into practice – Aims and objectives, costs revenue and profit, break even, cash, cash flow and sources of finance		
Spring 2	1.4 Making the business effective – Ownership and liability, franchising, business location, marketing mix and business plans		
Summer 1	1.5 Understanding the external influences on business – Stakeholders, legislation, the economy and external influences on business		
Summer 2	Revision and Paper 1 assessment covering 1.1 to 1.5		
Additional In	formation		
Assessment	Exam style questions in class. End of topic tests – mixture of multi choice, knowledge questions and extended writing tasks.		
Homework Structure	Homework will be set on Teams and will consist of research and pre reading into next topics, so students are ready for the next challenge! When applicable Seneca learning platform will be used.		
Enrichment	Business trips will be planned when applicable – Wenzels Bakers Guest speakers/virtual talks – Ian Marcouse		
	https://www.bbc.co.uk/bitesize/examspecs/z98snbk	https://revisionworld.com/gcse- revision/business-studies	
Online Resources	https://mrshearingbusinessstudies.weebly.com/	Digital copy of textbook is on Teams	
	https://senecalearning.com/en-GB/seneca-certified- resources/business-gcse-edexcel/ Online learning resource		
	https://www.bbc.co.uk/news/business		
	https://news.sky.com/business		
Extra reading	https://www.theguardian.com/uk/business		
	https://www.reuters.com/news/archive/businessNews		

Y10 Child Development

Subject Overview	In year 10 students will start their coursework Component 1. Understand and explore the characteristics of children's growth and development. This is internally assessed and has a waiting value of 30% of the total mark. Once component 1 is completed, students will then learn about component 2 which is another coursework task which is set and mark internally. Developing an understanding of how children learn through play. Students will have the opportunity to do outdoor games, allow their parents and carers to bring in younger siblings and interact with them and makes games and undertake reading with them. This will help them in completing their coursework. Students will get the opportunity to participate in several role play activities which will enhance their understanding of certain key concepts. Both coursework components will be marked and the external moderator will request named students work to be sent off for moderation. Students have two opportunities to submit work.		
Curriculum Content			
Autumn 1	Children, growth and development Component 1 Completing their coursework on Learning Ain	n A	
Autumn 2	Learning Aim B using case studies to look at factors which at	fect a child's development.	
Spring 1	Component 2 :Learning through play, looking at different ty children.	pes of play and the benefits to	
Spring 2	The role of the adults in play and the support given		
Summer 1	Component 2 – Preparation of the coursework Commence working on Learning Aim A in component 2 Coursework		
Summer 2	Completing any corrections of Learning Aim A Working on component 2 Learning Aim B coursework and ensuring that assignments meet the deadline.		
Additional Information			
Assessment	Assessment will be done in line with school assessment, also once coursework is submitted it will be marked and entered unto tracking sheets so students can check their progress.		
Homework Structure	This will be set throughout the year and student will be given a list with dates to be placed in their planner and will also set on Microsoft Teams in the folder.		
Enrichment	There will be intervention and Lunch time club every Wednesday for students who want to work in small groups. There will also be targeted intervention group for those that need additional support.		
	Microsoft teams	Examples of format will be up- loaded unto and sites to use for references	
Online Resources	https://www.bbc.co.uk/bitesize/subjects/znyb4wx	This BBC website will support with further information www.edexcel.com	
	https://qualifications.pearson.com/en/qualifications/btec- tech-awards/child_development_	This will allow you access to the specification to gain a broader understanding on the topics of component 2 and component 3	
Extra reading	BTEC Tech Award Student Book, Call the Midwife, the lost boy. Watch the secret life of 4and 5 year old. Students can watch other videos that links to children to help them gain understanding of how children develop and play.		

Y10 Computer Science

	GCSE in Computer Science is engaging and practical, encouraging creativity and problem		
Subject Overview	solving. It encourages students to develop their understanding and application of the core		
Subject Overview	concepts in computer science. Students also analyse problems in computational terms and		
	devise creative solutions by designing, writing, te	sting and evaluating programs.	
Curriculum Conten	t		
	1.3.1 Networks and topologies		
Autumn 1	2.1.1 Computational thinking		
	 2.1.2 Designing, creating and refining algor 	ithms	
	Practical Programming		
	• 1.2.3 Units		
	• 1.2.4 Data storage - Numbers		
Autumn 2	1.2.4 Data storage - Characters 2.1.2 Desire and estimated and		
	 2.1.2 Designing, creating and refining algor 	itnms	
	Practical Programming		
	 1.2.4 Data storage - Images 1.2.4 Data storage - Sound 		
Spring 1	 1.2.4 Data storage - Sound 1.2.5 Compression 		
Shing T	 2.1.3 Searching and sorting algorithms 		
	 Practical Programming 		
	1.1.1 Architecture of the CPU		
	 1.1.2 CPU Performance 		
Spring 2	 1.1.3 Embedded systems 		
	• 2.2.1 Programming fundamentals		
	1.2.1 Primary storage (Memory)		
Summer 1	1.2.2 Secondary storage		
	2.2.1 Programming fundamentals		
	1.4.1 Threats to computer systems and networks		
Summer 2	• 1.4.2 Identifying and preventing vulnerabil	ities	
	2.2.3 Additional programming techniques		
Additional Informa			
Assessment	Each unit will have an end of unit assessment. All	assessment are written in preparation for	
	their formal written exam at the end of Year.		
Homework Struc-	Homework will be set throughout the course as required. It can include self-directed learn-		
ture	ing, quizzes that can be used to reinforce the learning that took place in the classroom, and		
	extension activities to push students further.		
Enrichment	After school clubs		
	https://www.microsoft.com/en-gb/microsoft-	This is where lessons and homework	
	teams/log-in	resources are uploaded to the class	
		team. The Class Notebook (also through	
		the OneNote App) is accessible here.	
	https://quizizz.com/join	Quiz-style revision activities for the pu-	
Online Resources		pils. There will be a "code" for each ac-	
		tivity. The BBC has released materials on the	
	https://www.bbc.co.uk/bitesize/examspecs/ zmtchbk	various topics that are covered which	
		can assist the student or push them fur-	
		ther.	
	https://www.bbc.co.uk/news/technology		
Extra reading	Artificial Intelligence: A Ladybird Expert Book by	Michael Wooldridge	

Y10 Dance

		nore anthology work and they will analyse the dance		
		ner develop their knowledge by exploring various		
Subject	choreographers and their works. They will continue to further develop their physical, technical and expressive skills within practical work that they have been working on since year 7. In this year, students will			
Overview				
	also further develop their writing skills to effectively answer exam styles questions and further develop the			
	understanding of choreographic content, intent a	and production features.		
Curriculum Cont				
	Performance Piece- Part 2			
	Further development of physical, technical			
A	Safe working practices (during performance			
Autumn 1	Further developing mental skills and attribu Developing skills to perform confidently and			
		oreographic intention and effective communication		
	through movement.			
	Emancipation of Expressionism			
	Continuing to learn the theory unit.			
	. .	is and appreciation this particular dance work.		
Autumn 2		stions and beginning to answer the 12 markers essay		
	question.			
	Further developing the knowledge about ke	y constitutional features of this dance and analyse its		
	importance.			
	Artificial Things			
	Continuing to further develop critical analys			
	(especially 12 marker essay question).	ting skills by answering more exam style question		
Spring 1		pout key constitutional features of this dance and analyse		
	its importance.	Sour key constitutional reactives of this dance and analyse		
		ncers within the dance work both practically and		
		red the uses of props to support their performance.		
	Set Solos- Part 2			
	To begin to learn another set solo 'Shift' pro	ovided by AQA.		
Spring 2	To recreate the movement with accurate timing.			
	Continue to build confidence to dance solo			
	To showcase good level of physical, technical and expressive skills whilst performing.			
	Finalising Choreography			
Summer 1	To continue to further develop knowledge a	• •		
Summer 1	Continue to learn and apply different types	od choreographic methods. ods learnt from professional choreographers.		
	Continue to research stimulus and create ch			
	Within Her Eyes			
	Continuing to further develop critical analysis and appreciation of a professional work.			
Summer 2	Continuing to learn and develop writing skills by answering more exam style question.			
Summer 2	Continuing to develop knowledge about key	constitutional features of this dance and analyse its		
	importance.			
	To explore site specific dance and also danc	e for camera and analyse its importance.		
Additional Inform				
	Students' are assessed practically and theoretically at the end of every half term. The assessment			
Accorement	are relevant to topic that they are taught in that s			
Assessment	Practical assessments: Group and solo performan	ce. s exam papers or similar exam questions. Students will also		
	sit PPE examination at the end of year for the con			
		and these will be both practical and theoretical such as		
Homework		s, creating information booklet, answering exam questions,		
Structure	creating movements, rehearsing movements and			
Enrichment	KS4 Dance club, Barnhill Dance Company, school			
		Homework and resources will be uploaded in teams		
Online Re-	Teams	regularly.		
sources	Revision Booklets and Knowledge organisers in	All course material and revision resources are uploaded in		
	teams, anthology and set solos videos in teams.	year 10 teams.		
Extra reading	Book: Essential Guide to Contemporary Dance Techniques by Melanie Clark, Sadler's Wells dance house by Sarah Crompton. Within Her Eyes resource pack.			
0	These are available in Dance office.			

Y10 Digital Information Technology

	This qualification Tech Assert Level 4	d 2 in Digital Information Tasksals as since lastra	
Subject Overview	This qualification Tech Award level 1 and 2 in Digital Information Technology gives learners the opportunity to develop sector specific knowledge and skills in a practical learning environment. This course consists of three units: Component 1: Exploring User Interface Design Principles and Project Planning Techniques. Component 2: Collecting, Presenting and Interpreting Data. Component 3: Effective Digital Working Practices.		
Curriculum Conten	t		
Autumn 1	LAA: Investigating user interface design for individuals and organisations.		
Autumn 2	LAA: Investigating user interface des	sign for individuals and organisations.	
Spring 1	LAB: Use project-planning technique	es to plan and design a user interface.	
Spring 2	LAB: Use project-planning technique	es to plan and design a user interface.	
Summer 1	LAC: Develop and review a user inte	rface	
Summer 2	LAC: Develop and review a user inte	rface	
Additional Informa	tion		
Assessment	There is ongoing formative assessment to allow constant checking knowledge of topic, through quizzes mini tests.		
Homework Structure	Homework is set regularly to consolidate learning and to allow further opportunities to make progress. Students are also encouraged to work on their coursework in their own time.		
Enrichment	Planned intervention for those that	require catch up with their course work.	
	https://www.microsoft.com/en-gb/ microsoft-teams/log-in	This is where lessons and homework resources are uploaded to the class team. The Class Notebook (also through the OneNote App) is accessible here.	
Online Resources	www.bbc.co.uk/bitesize/subjects/	Allows students to research information about specific topic	
	Allows students to research information about specific topic.		
	www.bbc.co.uk/news/technology Pearsons Digital Information Technology Revision Guide		

Y10 Drama

Subject Overview	To develop as a performer you will need a broad understanding of performance work and influences. To gain a realistic overview of performing arts repertoire, you will learn about the skills and techniques of singing, dancing and/or acting. This component will help you to understand the requirements of being an actor, dancer or musical theatre performer across a range of performances and performance styles. You will develop knowledge and understanding of a range of performance styles. You will look at elements such as roles, responsibilities and the application of relevant skills and techniques. You will broaden your knowledge through observing existing repertoire and by learning about the approaches of practitioners, and how they create and influence performance material. This component will give you an understanding of practitioners' work and the processes and practices that contribute to a range of performance styles. You will develop transferable skills, such as research and communication.		
Curriculum C	Content		
Autumn 1	Preparation of component 2 performance Study roles and responsibilities in theatre		
Autumn 2	Complete performance for component 2 Start studying repertoire performances		
Spring 1	Review Component 2 performance Continue studying repertoire performances		
Spring 2	Complete studying repertoire performances		
Summer 1	Start coursework for component 1		
Summer 2	Continue coursework for component 1		
Additional In	formation		
Assessment	Completion of component 2 will give them 30% of their coursework, They will be as- sessed on aspects of component 1 throughout term 2 and 3		
Homework Structure	This will be set throughout the year and will focus on coursework related to component 1 and 2		
Enrichment	The School production, Showcases and trips to the the	atre	
	Microsoft teams	Coursework support and com- pletion.	
Online	https://www.bbc.co.uk/bitesize/subjects/zbckjxs with further information on the topics for component 2		
	https://qualifications.pearson.com/en/qualifications/ btec-tech-awards/Performing Arts	This will allow you access to the specification to gain a broader understanding on the topics of component 2 and component 1	
Extra reading	Pearsons Performing Arts Revision Guide		

Y10 English

Subject Overview	 The English Literature specification has been designed to inspire, challenge a every student, regardless of ability level. A range of texts is included to cater for the needs of our students. There are will be familiar, as well as new ones that will inspire young readers. It's fully co-teachable with GCSE English Language, so students will benefit fr transferable skills. The Language specification is designed to inspire and motivate our students, appropriate stretch and challenge whilst ensuring that the assessment and to far as possible, accessible to all students. It enables our students to develop the skills they need to read, understand a wide range of different texts and write clearly. There are two equally-balanced papers, each assessing reading and writing in integrated way. 	texts that om the providing exts are, as nd analyse a	
Curriculum C	Content		
Autumn 1	An Inspector Calls (AQA 8702 Literature paper)		
Autumn 2	A Christmas Carol (AQA 8702 Literature paper)		
Spring 1	Macbeth (AQA 8702 Literature paper)		
Spring 2	Language paper 2 (AQA English Language 8700 Paper 2)		
Summer 1	Power and Conflict Poetry (AQA 8702 Literature paper)		
Summer 2	Power and Conflict Comparison (AQA 8702 Literature paper)		
Additional In	nformation		
Assessment	Autumn 1 An Inspector Calls - choice of question based on theme/character 45 min Autumn 2 A Christmas Carol – Extract based question 45 min Spring 1 Macbeth – Extract based question 45 min Spring 2 Language paper 2 – Section A is assessed formatively: Section B 45 min Summer 1 Power and Conflict – formative assessments Summer 2 Power and Conflict - Comparison question 45 min		
Homework Structure	Weekly homework tasks based on themes/characters/context for literature. Writing tasks will include essays/paragraphs for literature. For Language tasks will include reading/answering individual questions which include evaluation and analysis. Writing tasks will include creative and non-fiction writing.		
Enrichment	Theatre/museum visits; British Library wider reading; Escape Room; 'Potential Plus' challenges; Author visits.		
Online Resources	BBC Bitesize SparkNotes York Notes		
Extra reading	KS4 English department reading list. York Notes/CGP guides for Macbeth; An Calls.	Inspector	

Y10 French

Subject Overview	The course covers two distinct themes allocated by Pearson. Students are expected to understand and provide information and opinions about these themes relating to their own experiences and those of other people,			
Curriculum Cor	including people in countries/communities wher	e French is spoken.		
Curriculum Cor				
Autumn 1	Theme: Local area, holiday and travel Topic: Local area Talking about where you live, weather and transport Describing a town and asking the way			
Autumn 2	Theme: Local area, holiday and travel <i>Topic: Local area</i> Discussing plans Discussing what to see and do Describing community projects			
Spring 1	Theme: Local area, holiday and travel Topic: Holiday Talking about what you normally do on holio Talking about an ideal holidays Booking and reviewing hotels	day		
Spring 2	Booking and reviewing hotels Theme: Local area, holiday and travel Topic: Holiday Ordering in a restaurant Talking about travelling Buying souvenirs Talking about holiday disasters			
Summer 1	Theme: School Talking about your school Comparing school in the UK and French speaking countries Discussing school rules			
Summer 2	Theme: School Talking about getting the best out of school Talking about school exchange			
Additional Information				
Assessment	Students will have 4 mini-assessments during the term, testing vocabulary, translation and/or writing. They will also have an end of term assessment testing them on the four skills (Reading, Listening, Speaking and Writing).			
Homework Structure		e topic that they have studied that lesson. It could be a work- 'hey will also be asked to do exam style questions, preparation tening past papers.		
Enrichment	Incorporated into the curriculum are opportunities for students to investigate French speaking countries and their culture. To celebrate the European Day of Languages, for example, students are encouraged to take part in a variety of activities and competitions, designed to broaden their understanding of foreign languages and countries.			
Online Resources	QUIZLET – <u>www.quizlet</u> . com www.bonjourdefrance.com www.bbc.co.uk/languages	This is a mobile/web learning app where pupils will be able to learn the vocabulary used in the class with interactive flash- cards, games and other learning tools. Courses and phrases, audio and video, vocabulary, pronunciation, grammar, activities and tests		
	BBC - Languages - French - Ma France Interactive course with French short documentaries			
Extra reading	https://lingua.com/french/reading/ https://french.kwiziq.com/learn/reading			
	https://aspirelanguages.wordpress.com/2017/08/04/reading-in-french-for-pleasure/ Mary Glasgow magazines			

Y10 Geography

Subject Overview	Pupils will cover a range of topics within Geography, covering both physical and human con- cepts essential for their GCSE course. Students will have opportunities to develop their written		
Curriculum Co	and map-skills throughout the year, whilst drawing upon case studies in the UK and beyond.		
	Natural Hazards Recap		
Autumn 1	Urban challenges in Rio de Janeiro Why is urbanisation occurring? What are the problems of rapid urbanisation? How is Rio dealing with these challenges?		
	Urban change in the UK		
Autumn 2	What is happening to areas in London e.g. Stratford? What is being done to regenerate areas in London that are in decline? Have local people benefitted?		
	Sustainable Urban Living in Curitiba		
Spring 1	Can urban areas be sustainable? How is Curitiba helping the urban poor? How is Curitiba protecting the environment and the economy?		
	Physical Landscapes in the UK – Coasts		
Spring 2	What processes occur along the coasts? How are landforms such as beaches created? How can we protect the coast from erosion and starvation?		
	Physical Landscapes in the UK – Rivers		
Summer 1	What processes occur along a river? How are landforms such as waterfalls are created? How can we lower flood risk and manage flooding?		
	Map skills and recall		
Summer 2	How can we identify river/coastal landforms on a map? What have we struggled with? How are we going to work on those gaps?		
Additional Inf	ormation		
Assessment	Mid-unit – 6 or 9-mark assessed exam quest End-of-unit – section from GCSE exam pape		
Homework Structure	A combination of exam questions, pre-readi	ng and wider-reading activities all set on Teams.	
Enrichment	Fieldwork opportunities and opportunities t	o explore career pathways in Geography.	
		This is where lessons and homework resources are uploaded to the class team.	
Online Resources	https://senecalearning.com/en_(-B/	Self-assessed quizzes for each topic. Your child will have a "class code" to access the work	
	https://www.internetgeography.net/aqa-gcse- geography/	Revision website	
	See wider reading channel on Teams for	extra reading such as:	
Extra reading	http://vle.langton.kent.sch.uk/file.php/997/GeoActive 434 Sustainable urban living - Birmingham.pdf		

Y10 Health and Social Care

	Students will start by studying the factors that affect heal	th and well-being. This links to	
Subject Overview	Component 1 (How Humans Develop which is studied in Spring 2) but it is important that students understand that the focus in this component is on health and well-being, i.e. the effects of various factors on the physical, intellectual, emotional and social (PIES) needs of a person. This is in contrast to when they were introduced to PIES in Component 1 where the focus was on the PIES changes in an individual as they grow and develop. Students will then learn to interpret indicators that can be used to measure physiological health and lifestyle data in relation to risks posed to physical health. They will learn how to design a health and well-being improvement plan and understand how obstacles that individuals may face when implementing such a plan might be overcome. In Spring 2 students will explore how people are affected by life events.		
Curriculum Cor	itent		
Autumn 1	Health and Wellbeing- Factors affecting health and wellbeing		
Autumn 2	Health and Wellbeing- Interpreting health indicators and Health plans		
Spring 1	Recalling learnt knowledge- Revision		
Spring 2	Dealing with Life Events		
Summer 1	Recalling learnt knowledge- Revision		
Summer 2	Dealing with Life Events		
Additional Info	rmation		
Assessment	Each half term will be an assessment on the topics covered. Students do practice exam questions or complete coursework		
Homework Structure	This will be set throughout the year and will be in the form of quizzes or past exam questions. This will be set in class or set on Team as an assignment		
Enrichment	There will also be targeted intervention group for the exa	mination component.	
Online Re-	Microsoft teams	Past exam paper and questions will be uploaded here and set as an assign- ment	
sources	https://qualifications.pearson.com/en/qualifications/ btec-tech-awards/health-and-social-care.html	This will allow you access to the specification to gain a broader understanding on the topics of component 1 and component 3	
Extra reading	 Gone but not forgotten- Tracey Gough Sad book – Michael Rosens 		

Y10 History

Edexcel, History 9-1: Paper 3, Weimar and Nazi Germany, 1918-1939 Paper 2a, The Reigns of King Richard and King John, 1189-1216 Paper 1, Migrants in Britain, c800-present day	
ontent	
Weimar and Nazi Germany, Unit 1, The Weimar Republic, 1918-29 Weimar and Nazi Germany, Unit 2, Hitler's rise to power, 1919-33	
Weimar and Nazi Germany, Unit 3, Nazi Control and Dictatorship, 1933-39 Weimar and Nazi Germany, Unit 4, Life in Nazi Germany, 1933-39	
Richard and John, Unit 1, Life in England, 1189-1216 Richard and John, Unit 2, Involvement Overseas, 1189-1204	
Richard and John, Unit 2, Involvement Overseas, 1189-1204 Richard and John Unit 3, John's Downfall, 1205-1216	
Richard and John, Unit 2, Involvement Overseas, 1189-1204 Richard and John Unit 3, John's Downfall, 1205-1216	
Richard and John Unit 3, John's Downfall, 1205-1216 Migrants in Britain Unit 1, Migration in Medieval England	
ormation	
End of unit assessments. PPE- full past papers.	
Knowledge Revision Exam Question practice	
Students will receive opportunities to extend, broaden and deepen their subject knowledge through Historical Film Club, visits to sites, museums and exhibitions. Teams will also be used to share relevant articles and videos.	
Each Microsoft Teams Class will have full resources uploaded onto them Youtube Revision videos: <u>https://www.youtube.com/channel/</u> <u>UCYBSYNLQQFe6NEuEg2WYSVg/playlists</u>	
https://history.org.uk/ student (please ask your teacher for the login to the student zone) Please see the 'Important textbooks, resources and websites section' under History: https://www.barnhill.hillingdon.sch.uk/page/? title=Humanities&pid=30	
Please see the History reading list on the school website: <u>https://www.barnhill.hillingdon.sch.uk/</u> page/?title=Humanities&pid=30	

Y10 Mathematics

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Y10 Music

Subject Overview	Music is a universal language that embodies one of the highest forms of creativity. Students at Barnhill strive to be musically literate, able to hold conversations with others about their own and others music. They also devel- op their own musical identity, finding their own stylistic fingerprints and applying their own identity to the music they play and compose. This continues in GCSE, with students developing their skills across the three strands of music—performing, composing and appraising. They will work towards a higher level of musical development through the study of set works (set by the exam board) and a range of wider listening, while developing their own compositional voice through 2 compositions and rehearsing work for 2 performances.		
Curriculum Co	ontent		
Autumn 1	Elements of Music Covering melody, harmony, tonality, rhythm, metre and texture in depth, helping to bridge the gap between KS3 and GCSE and develop students musical language in response to music.		
Autumn 2	· · · · ·	assical traditions and popular music, looking at instruments across nts and how that shaped the sound of music across history.	
Spring 1	Students look more in depth at the Baroque p	The Baroque and Music for Stage/Screen (Students also begin study towards their Free Composition unit) Students look more in depth at the Baroque period through their 2 set work pieces from this time period as well as wider listening. This leads into music for stage and screen, and another 2 set works.	
Spring 2	Following an end of topic test on these two areas, students begin exploring popular music styles through 2 fur- ther set works.		
Summer 1	World Music and Composition Students study the differences in music between western tradition (the focus of study to this point) and tradi- tions from Asia, Africa and the Americas. Through this they will study their final 2 set works which relate to world music.		
Summer 2	Students will also be workshopping ideas for their free composition before the summer, developing a skillset as a composer to tackle both compositions for their coursework.		
Additional Inf	ormation		
Assessment	Students will be assessed through end of topic tests and through their work in PPE performances and compositions. The assessment is 30% performing, 30% composing and 40% end of topic tests.		
Homework Structure	Students are set 1.5 hours of homework each week in music. This will be set on Focus on Sound, and may also comprise rehearsal and composition time outside of lessons. Students are free to rehearse and compose in their own time using the music facilities in school.		
Enrichment	The music department offers 7 extra-curricular clubs a week, from choir to orchestra to rock bands and piano clubs. Students can see their music teacher for more information.		
Online	portal.focusonsound.com	Online learning for music, a programme purchased every year for students that they log-in to using their school e-mail and password	
Resources	https://musicmap.info/	An interactive tool to explore different musical genres	
	Bandlab.com	An online DAW for making music. Works on phones, tablets and computers.	
Extra reading	Additional study can take place on Focus on Sound, which covers all music up to A-Level study. Stu- dent PLCs can direct them toward suitable Focus on Sound work to complete.		

Y10 Sport

Subject Overview	The rational for year 10 BTEC Sport is to develop an understanding of the sports leadership qualities and skills required by coaches through coursework component 3. Furthermore, an outline of the key physiological and psychological benefits of participation will be identified. Students will also consider the barriers that might be present in particular target groups. Students will plan, deliver and evaluate a sports session plan for a given target group, ensuring that the activities included would engage and challenge all participants. In addition, students will start the examination part of the course through component 2. A number of topics will enable students to further their understanding through the principles of training and nutrition.		
<mark>Curriculum C</mark>	ontent		
Autumn 1	Attributes of a leader The benefits of participation in sport		
Autumn 2	Session planning		
Spring 1	Deliver and Review of sports coaching session		
Spring 2	Deliver and review of sports coaching session		
Summer 1	Component 2 – Components of fitness, methods of training, principles of training		
Summer 2	FITT principle and how it overlaps with progressive overload, nutrition		
Additional In	formation		
Assessment	Each half term will be an assessment on the topics covered		
Homework Structure	This will be set throughout the year and will be in the form of quizzes or past exam questions. This will be set in class or set on Team as an assignment		
Enrichment	There are a wide variety of sports clubs to attend. There will also be targeted intervention group for the examination component.		
	Microsoft teams	Past exam paper and questions will be uploaded here and set as an assignment	
Online Resources	https://www.bbc.co.uk/bitesize/subjects/znyb4wx	This BBC website will support with further information on the topics for component 2	
	https://qualifications.pearson.com/en/qualifications/btec -tech-awards/sport-activity-and-fitness.html	This will allow you access to the specification to gain a broader understanding on the topics of component 2 and component 3	
Extra reading	Brianmac website - this will further detail information on component 2		

Y10 Photography

Subject Overview Curriculum Co	Students are to explore the very traditional theme of 'natural forms' using the less formal medium of photography. This will enable students to be introduced to a variety of contemporary photographic practitioners and explore the evolution of this theme within the history of the photographic medium, utilising techniques that range from cyanotypes to scanography. Students will gain a strong understanding of the application of photographic skill using DSLRs and macro photography. This will cover all 4 AOs required for GCSE and experience presenting their work in a professional digital portfolio.		
Curriculum Co	Mood board on line		
Autumn 1	Analysis of Jo Brafords work Organic and straight line shoot Contact sheet for line shoot and analysis Best images from line shoot presented well Analysis of Anna Atkins work Cyanotype of natural forms		
Autumn 2	Analysis of Edward Weston Shoot in Edward Weston style Analysis of Karl Klossfeldt Shoot in Karl Blossfeldt style Own artist research and shoot Analysis and research on scanography Evaluation of final series		
Spring 1	Mind map What is abstraction History of abstraction Derek Grabus research Derek Grabus shoot Contact sheet and best images for Derek Grabus shoot Francis Brugiere research Francis Brugiere shoot Contact sheet and best images for Francis Brugiere shoot Prism shoot		
Spring 2	Oil and water shoot Contact sheet for Francis oil and water shoot Best images from oil and water shoot Ice and flowers shoot Contact sheet for Ice and flower shoot Best images from Ice and Flower shoot Horst P Horst research and Rotations shoot Contact sheet for rotation shoot Best images from rotation shoot Own artist research and shoot Final outcome plan Final outcome shoot and analysis		
Summer 1	List of units		
Summer 2	List of units		
Additional Info	prmation		
Assessment	Work is set and marked throughout the course, there will be an exam at the end of the project.		
Homework Structure	Homework is set weekly throughout the course, this includes aspects of research and practical work.		
Enrichment	Art club on teams		
Online	Teams Class Groups		
Resources	Art club Team		
Extra reading			

Y10 Science

Subject Overview	Pupils will cover a range of topics within all 3 science subjects. Our rationale is to develop students knowledge and reasoning to recognise aspects of science in everyday life, and to explain these phenomena through knowledge and understanding; while developing a quantitative and an analytical approach to practical science, and its use in society.		
Curriculum Co			
Autumn 1	Physics – Energy Chamistry – Atomic Structure and Davi		
,			
	Biology – Cells structure and Transport		
	Physics – Energy and Energy Resources		
Autumn 2	Chemistry – Bonding		
	Biology – Cell Division		
	Physics – Electricity		
Spring 1	Chemistry – Chemical Changes		
	Biology – Organisation		
	Physics – Particle Model		
Spring 2	Chemistry – Quantitative Chemistry		
	Biology – Communicable Diseases		
	Physics – Atomic Structure and Radioa	ctivity	
Summer 1	Chemistry – Energy Changes		
	Biology – Non- Communicable Disease	s	
	Physics – Forces		
Summer 2	Chemistry – Rates of Reaction		
	Biology - Photosynthesis and Respiration	on	
Additional Inf	ormation		
	Each half-term or end of topic will inclu	ude and assessment. This may be in MCQ style or	
Assessment	in a PPE style examination.		
	End of term PPEs consist of 3x separate	e science examinations.	
Homework	Homework will be set out throughout the	course. This will include	
Structure	research-based study, quizzes to reinforce	learning (educake), short-tests, and flipped learning	
Structure	with Seneca		
	Scientific reading tasks - https://www.sciencenewsforstudents.org/		
Enrichment	Access to practical science and laboratory science		
Lintennent	Careers in science		
	Trips/visits – Royal society lectures, Sci	ence museum	
	Interactive digital resources – YouTube	e, simulations.	
	Digital textbooks -	Kahaat Oalina ani aa	
	www.kerboodle.com	Kahoot – Online quizzes	
Online	Interactive simulations – Focus e-		
Resources		BBC Bitesize – Science revision	
Resources learning			
	Phet – Interactive physics simulations	Physics and mathstutor.com	
	https://www.sciencekids.co.nz/sciencefac	<u>ts/careers.html</u>	
Extra reading	https://scienceiourpalforkids.org/		
	https://sciencejournalforkids.org/		

Y10 Religious Studies

	1		
Subject Overview	Pupils will cover four key units exploring different elements of Christianity. Pupils will begin by learning about the core beliefs of Christians and will address common misconceptions about Christianity. They will then look at how these core beliefs are applied in real life situations and how different Christians respond to matters such as marriage and family, how faith might Impact a Christian's life, and differing Christian views on modern day ethical issues. Pupils will discuss, debate, evaluate Christian views and have the opportunity to contribute and develop their own opinions at the same time as broadening their own understanding of British Chris- tian and global Christian culture.		
Curriculum Co	ntent		
Autumn 1	Christian beliefs: The Trinity, Creation, Eschatology	The Incarnation, Jesus' Last Days, Salvation,	
Autumn 2	Christian beliefs: The Problem of Evil, S Marriage and the Family: Marriage, Di	Solutions to the Problem of Evil vorce, Family, Family Planning, Sexual Relationships	
Spring 1	Marriage and the Family: Local Parish, Equality of Men and Women, Gender Prejudice and discrimination Living the Christian Life: Worship, Sacraments, Prayer		
Spring 2	Living the Christian Life: Pilgrimage, Re Local Church, Worldwide Church	ligious Celebrations, Future of the Christian Church,	
Summer 1	Matters of Life and Death: Origin and value of the universe, Christian responses to scientific and non-religious explanations about the origins and value of human life, Christian responses to issues in the natural world		
Summer 2	Matters of Life and Death: Sanctity of Life, Abortion, Euthanasia, Life after death, Christian responses to non-religious arguments against life after death		
Additional Info	ormation		
Assessment	Assessment of these units will involve a combination of in-class questions, exam style questions set on Teams, and practice exam papers at the end of each major unit (1-2x per full term)		
Homework	This will set on Teams throughout the course and will involve short answer exam style		
Structure Enrichment	questions as well as revision for assessments. We will be looking at the differing lived experiences of many Christians and will focus our learning on how these views can relate to our own lives as well as how they can help us understand and be tolerant of the views of others.		
	Microsoft Teams	Lessons, resources and homework will be posted here	
Online Resources	BBC Bitesize Edexcel (E.G. Christian Beliefs $ ightarrow$ The Incarnation)	Information on each of the topics can be found here including quotations	
	YouTube Edexcel Religious Studies (E.G. Christian Beliefs → The Incarna- tion)	Videos on the topics can be found on YouTube	
Extra reading	Newspaper articles, news on the TV, documentaries or TV programmes that deal with the ethical issues (such as euthanasia and war) or philosophical discussions (such as what happens when we die). Films that also deal with themes within the topic such as Genetic Engineering.		

Y10 Sociology

Extra roading	Shared in Teams		
	https://www.tutor2u.net/sociology	Tutor2u is an excellent platform students can access to support their learning and will help with HW research but also with depth of knowledge.	
	gcse/sociology-8192/assessment-resources	board we use.	
Resources	https://www.aqa.org.uk/subjects/sociology/	Examples of assessments; AQA is the exam	
Online		have a "class code" that enables them to access.	
	https://senecalearning.com/en-GB/	topics and will also be used as HW. Students will	
		These are self-assessed quizzes for each of the	
	Teams Class	This is where homework will be uploaded ;	
Enrichment	Wider reading in Teams		
Homework Structure	Homework will be set throughout the course and it will include quizzes, research, different skill based questions. Personalised Learning Checklists (PLC's) will be introduced for each topic learnt as a way of reviewing content and flag any gaps in knowledge to instruct personalised HW.		
Assessment	Each term students will be assessed on the diffe		
Additional Info			
	Developing skills		
Summer 2	Debates on Crime		
6	Factors affecting criminal and deviant b	ehaviour	
	Sociological explanations and theories of The Sociology of Crime and Deviance	of crime	
	Data on crime		
Summer 1	The Sociology of Crime and Deviance		
6	Research methods in context		
	The Sociology of Education Internal and External Factors in Educati	on	
	Developing skills		
spring z	Internal and External Factors in Education	on	
Spring 2	Different types of schools		
	The Sociology of Education		
	Perspectives on education		
Spring 1	The Sociology of Education Functions of Education		
Caralia a	Research methods in context		
	The Sociology of Families		
	Developing skills		
Autumn 2	Changes to the family over time		
	The Sociology of Families Key studies		
	Perspectives on family The Socielary of Families		
Autumn 1	Functions of family		
	The Sociology of Families		
Curriculum Co	ntent		
	have the opportunity to look at the key studies and sociologists for each of the topics.		
Overview	learnt the previous year will help structure the different exam style questions. Students will also		
Subject	on the knowledge from Yr9 and apply concepts, perspectives and methods to the different topics mentioned above with a focus on essay writing and different exam style questions. The skills		
Subject	Ion the knowledge from Yry and apply concepts	perspectives and methods to the different topics	

Y10 Sport Science

Subject Overview	Students in year 10 will build upon their prior knowledge gained throughout year 9, studying a variety of topics including sporting injuries, first aid and rehabilitation including physiotherapy, principles of training, analysing fitness test data, designing fitness programmes and finally anatomy and physiology, and the bodies response to exercise. Throughout year 10 pupils will also develop research skills, teamwork and the ability to think innovatively, analytically and critically. They are exposed to opportunities to improve their confidence in communicating effectively,		
Curriculum Co	ntent		
Autumn 1	Applying the Principles of Training: Fitness and how it affects skill performance (Topic Area 1: Components of Fitness applied in sport & Topic Area 2: Applying the principles of training)		
Autumn 2	Reducing the risk of sports injuries and dealing with common medical conditions External Exam		
Spring 1	Reducing the risk of sports injuries and dealing with common medical conditions External Exam		
Spring 2	Applying the Principles of Training: Fitness and how it affects skill performance continued. (Topic Area 3: Principles of training)		
Summer 1	Applying the Principles of Training: Fitness and how it affects skill performance continued. (Topic Area 4: Organising and planning a fitness training programme)		
Summer 2	Applying the Principles of Training: Fitness and how it affects skill performance continued. (Topic Area 5: Evaluation of training programme)		
Additional Info	ormation		
Assessment	 Internally marked coursework assignments External exam (1hour 30minutes) 		
Homework Structure	 Homework to be based via Microsoft Teams and written pieces Throughout the year pupils will be expected to complete written coursework as homework Flipped learning tasks to prepare students for upcoming lessons 		
Enrichment	 Extra-curricular clubs (before and after school) Wide range of exclusive trips including to elite level sport stadia and outdoor activity centres Involvement in Hillingdon Schools Leadership Academy 		
Online Posourcos	https://www.microsoft.com/en-gb/microsoft-teams/ This is where relevant coursework homework will be log-in uploaded for students to be completed. Important announcements for will also be made using this platform.		
Resources	Cambridge Nationals - Sport Science Level 1/2 – J828 Specification (ocr.org.uk) Specification		
Extra reading	Provided throughout lessons and on teams for homework.		

Y10 Spanish

	The course covers two distinct themes allocated by Pearson. Students are expected to understand and		
Subject Overview	provide information and opinions about these themes relating to their own experiences and those of other		
	people, including people in countries/communities where Spanish is spoken.		
Curriculum Conten			
Autumn 1	Talking about free time activities		
	Talking about TV programmes and films Talking about what you usually do		
	Theme: Identity and culture	tense to say what you used to do	
Autumn 2	Talking about sports using the imperfect tense to say what you used to do Talking about what's trending		
	Discussing different types of entertainme	ent	
	Talking about who inspires you		
	Theme: Local area, holiday and travel		
	Talking about places in a town		
Spring 1	Asking for and understanding directions		
	Talking about shops and shopping for sc	ouvenirs	
	Theme: Local area, holiday and travel		
	Describing the features of a region		
Spring 2	Planning what to do using the future ten	se	
	Understanding the geography of Spain		
	Talking about problems in a town		
	Theme: Identity and culture Describing mealtimes		
	Talking about daily routine		
Summer 1	Talking about tally routine Talking about illnesses and injuries		
	Asking for help a the pharmacy		
	Talking about typical foods using the pas	sive	
	Theme: Identity and culture		
	Comparing different festivals		
Summer 2	Describing a special day		
	Ordering in a restaurant		
	Talking about a music festival		
Additional Informa			
		g the term, testing vocabulary, translation and/or writing. They	
Assessment		ting them on the four skills (Reading, Listening, Speaking and	
	Writing).		
Homework	-	o the topic that they have studied that lesson. It could be a	
Structure	preparation for speaking or writing exams an	earning. They will also be asked to do exam style questions,	
	· · · · · · · · · · · · · · · · · · ·		
		aight away in September with activities to celebrate the	
Enrichment		e the opportunity to work in pairs or as a group to promote	
	communication skills in the Spanish club. Pupils will also be taught to appreciate the customs of Spanish speaking customs and appreciate the differences between that and their own cult		
		This is a mobile/web learning app where pupils will be able to	
	QUIZLET – <u>www.quizlet</u> . com	learn the vocabulary used in the class with interactive	
		flashcards, games and other learning tools.	
Online	www.bbc.co.uk/languages		
Resources	······································	Courses and phrases, audio and video, vocabulary,	
	BBC - Languages - Spanish - Mi Vida Loca	pronunciation, grammar, activities and tests	
		Interactive course with French short documentaries	
	EL MUNDO - Diario online líder de informació	n en español – News in Spanish	
- News in Spanish			
	8 Simple Spanish Poems That Are Ridiculously	y Easy to Memorize (fluentu.com) – reading Spanish poems	
Extra reading	8 Simple Spanish Poems That Are Ridiculously Easy to Memorize (fluentu.com) – reading Spanish poems		
	Glasgow Magazines		
	Spanish Reading: Spanish Texts for Beginners	(lingua.com)	