



Year 10

Curriculum Booklets

For support with your child's progress, please contact

tw_admin@swale.at



The Whitstable School
LEARN LOCALLY, THINK GLOBALLY

Autumn Term
2023



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In this booklet you will find important information about the curriculum followed by your child until the end of Term 2 (December). Subject leaders have provided material which will help your child to prepare for their assessments and explained a little about how they can prepare. You can use the links on the pages to contact subject leaders if you have any questions. Teachers will set homeworks which help pupils to learn the material set out here.

We hope you and your child find the booklet informative and useful! Contact us here: twsw_admin@swale.at

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In English during Terms 1 and 2, students will study *A Christmas Carol* by Charles Dickens as part of the GCSE English Literature GCSE. Students will consider themes, characters, contexts and wider ideas and will be asked to practise writing essay-style responses to exam-style questions. Students will also explore 2-3 poems from the GCSE English Literature Poetry Anthology *Power and Conflict* including *London* by William Blake and *Ozymandias* by Percy Shelley. There will be opportunities for teachers and students to explore GCSE English Language skills through some thematically linked writing tasks and analysis non-fiction and fiction extracts.

The Director of English is Mr Duncan. The exam board for both GCSEs in English Literature and Language is AQA.

	Content of learning	Assessment
Term 1	<ul style="list-style-type: none"> • <i>A Christmas Carol</i> • <i>London</i> by William Blake • Language Paper 1 skills • Language Paper 2 skills 	<ul style="list-style-type: none"> • Exam-style question on a theme or character
Term 2	<ul style="list-style-type: none"> • <i>A Christmas Carol</i> • <i>Ozymandias</i> by Percy Shelley • Language Paper 1 skills • Language Paper 2 skills 	<ul style="list-style-type: none"> • Exam-style question on a theme or character



Year 10 OCR Maths 2023/24

In maths you will be covering the below topics over the course of Terms 1 and 2.

Year 10 Foundation	Year 10 Higher
Unit 1: Number, powers, decimals, HCF and LCM, roots and rounding.	Unit 1: Powers, decimals, HCF and LCM, positive and negative, roots, rounding, reciprocals, standard form, indices and SURDS.
Unit 2: Expressions, substituting into simple formulae, expanding and factorising.	Unit 2: Expressions, substituting into simple formulae, expanding and factorising, equations, sequences and inequalities, simple proof.
Unit 3: Drawing and interpreting graphs, tables and charts.	Unit 3: Averages and range, collecting data, representing data.
Term 2	
Unit 18: More fractions, reciprocals, standard form, zero and negative indices.	Unit 15: Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics.
Unit 16: Algebra: quadratic equations and graphs	Unit 11: Multiplicative reasoning: direct and inverse proportion, relating to graph form for direct, compound measures, repeated proportional change.
Unit 19: Congruence, similarity and vectors.	

At the end of each unit students will complete a unit key task, which will consist of a short one lesson test based on the unit studied. This will then be followed by a feedback lesson where the students will have an opportunity to look at their areas of strengths and weaknesses from the unit.

Mr Yates (Director of Maths)

Mr Austin (2nd in Maths)



Science 2023–24

In Science we assess at the end of each topic. Students will complete a unit key task, which will consist of a part A test for one lesson based on the unit studied and a Part B test (termly) that assesses information studied so far in science. This will then be followed by a feedback lesson where the students will have an opportunity to look at their areas of strengths and weaknesses from the topic.

Exam board: OCR

Course: Gateway combined science A (J250)

The lead for science at The Whitstable School is Mr S Baker.

	Topic	Assessment
Term 1	P2: Newton's Laws / Forces in action	Pupils will learn about forces and interactions, with a focus on calculating energy stores.
	C3: Chemical Reactions	Pupils will learn about ionic balancing, conservation of mass, gas tests, mole calculations, reaction profiles, neutralisation and pH determination. Chemical equation balancing.
Term 2	P3: Electricity and Magnetism	Pupils will learn about electrical circuits, potential difference, P.d. graph, resistance, magnetic fields, electromagnets and motors.
	B4: Community Level Systems	Pupils will learn about ecosystems and the factors that affect their stability.

Revision guides are available to purchase from the school.

Homework is to complete at least four daily tasks plus bonuses per week on Tassomai.



Geography 2023–2024

Exam board: AQA

During Term 1 pupils will study content for Paper 1, Section A. This unit is the challenges of natural hazards, with a particular focus on the causes, effects and responses of tectonic hazards.

For Term 2, students will study Paper 1, Section B: The Living World. This unit explores the importance of balance within ecosystems, with a focus on how human activity impacts the world's major biomes. We will also explore how processes such as deforestation and development can be managed sustainably.

The lead for geography at The Whitstable School is Miss Gilbert.

	Topic	Assessment
Term 1	Paper 1: Section A The challenges of natural hazards. TECTONIC HAZARDS	A range of 1,2,4,6 and 9 exam mark answers to assess knowledge recall and application from Paper 1 Section A: Tectonic Hazards
Term 2	Paper 1: section B The Living World	A range of past-paper and exam-style questions on ecosystems, and the opportunities/challenges of development in Tropical Rainforests and Hot Deserts.

Pupils should use this knowledge organiser as part of their revision. Pupils can also use [BBC Bitesize](#)



History 2023-24

In History over the next two terms we will be learning the knowledge content and skills needed for paper 1: Medicine in Britain. Students will cover the whole course included the change and continuity from the Middle Ages to the present day in Medical knowledge and practice. Then the case study of the environment of the Western Front 1914-1918 and the medical advancements made.

We are working towards examinations for the Edexcel GCSE 9-1 award.

Please also see the History GCSE revision website for more information:

[TWS GCSE History](#) (students must be logged into their swale google accounts to access.)

The lead for history at The Whitstable School is Ms Coleman.

	Topic	Assessment
Term 1	Paper 1: Medicine in Britain	A range of 3 questions (4m, 12m, 16m) from the Medicine in Britain specification including knowledge on the Medieval, Renaissance and Industrial periods of medicine.
Term 2	Paper 1: Medicine in Britain	A range of 3 questions (4m, 12m, 16m) from the Medicine in Britain specification including knowledge on the Renaissance, Industrial and Modern periods of medicine.



MFL – Spanish 2023–24

Spanish

In Spanish this term, pupils will learn how to talk about travel and tourism as well as their family, friends and technology. There will be regular translation assessments from English into Spanish.

The exam board for Spanish is AQA.

The Subject Leader for MFL Spanish is Ms. Amboage

	Topic	Assessment
Term 1	Travel and tourism	<ul style="list-style-type: none">- <i>What do you do during the summer?</i>- <i>How do you prefer to spend the summer holidays?</i>- <i>Where are you going to go on holiday?</i>- <i>What did you do on holiday last year?</i>- <i>Where did you stay and what was it like?</i>
Term 2	Me, my family and friends and technology in everyday life	<ul style="list-style-type: none">- <i>What do your family members look like?</i>- <i>Do you get on well with your family?</i>- <i>What are you going to do this weekend?</i>- <i>What do you use your mobile/ computer for?</i>- <i>What was the last book you read?</i>



MFL – French 2023–24

French

In Terms 1 and 2, pupils will learn about the use of mobile technology, Global issues (Environment, Poverty and homelessness), Travel and tourism (Holidays and travel, Regions of France).

There will be regular vocabulary tests from French into English and translation tests from English into French as well as a 90 word writing assessment in Term 1.

The exam board for French is AQA (8658)

The Subject Leader for MFL French is Ms. Kidd

	Topic	Assessment
Term 1	Technology in everyday life Environment	<ul style="list-style-type: none"> • Translation into French: - Technology in everyday life • 90 word writing assessment (AQA question 4 Foundation/Question 1 Higher) • Vocabulary test French-English on Global issues
Term 2	Poverty and homelessness Holiday and travel Regions of France	<ul style="list-style-type: none"> • Translation into French: - Global issues • Vocabulary test French-English on Holiday and travel (Part 1 and 2) • 90 word writing assessment (AQA question 4 Foundation/Question 1 Higher)



Values 2023–2024

In Year 10, students will be deepening their knowledge from Year 9 and will be exploring how they fit into their local and national communities. They will also be learning about key topics such as human rights, equality and careers.

The Subject Leader for Values is Mr Waters.

	Topic	Assessment
Term 1	Being me in my world: Is managing my online and off-line world within my control?	Students will examine a range of different topic areas such as peer pressure, freedoms and safe relationships, both on and offline. Assessed via end of unit assessment.
Term 2	Celebrating difference: Does everyone in society have the right to equality?	Exploring if all people in society deserve to be treated equally and have the same rights inside and outside of the workplace, and other areas in society. Assessed via end of unit assessment.



Religious Education (Statutory) 2023/24

In Year 10, students will be deepening their knowledge from the PC&E KS3 programme, with the focus being on the key formal world religions. Students will develop a basic understanding of the key beliefs and practices of these religions, their historical context, as well as how they influence a modern believer's world view. Pupils will complete one lesson per week on the statutory programme.

All lessons are in booklet format, with each pupil receiving one and using them to review and reflect on the content of each lesson, as well as to complete written and evaluative tasks.

The subject leader for PC&E and RE is Christopher Williams

	Topic	Assessment
Term 1	Christianity - an introduction Christian beliefs and practises Traditional Christian perspectives Modern Christian perspectives	Each pupil is required to complete a digital end of term assessment, in the form of a multiple choice questionnaire, each term.
Term 2	Islam - an introduction Muslim beliefs and practices Traditional Muslim perspectives Modern Muslim perspectives	

Religious Studies (GCSE) 2023/24

In Year 10, students will embark on their GCSE in Religious Studies, following the AQA curriculum.

Lessons throughout this first year are based on the content and questions in Paper 1, in which pupils will have to demonstrate a knowledge and understanding of Christian beliefs and practices as well as those of another world religion (Buddhism).

In Terms 1 & 2, pupils will be focusing on Christianity.

Pupils will also explore the historical context of both religions as well as the festivals, rituals and sacraments involved in both. In addition to traditional perspectives, modern examples of how faith influences a person's worldview will also be explored.

The lead for PC&E and RE is Christopher Williams

	Topic	Assessment
Terms 1	Paper 1: Christianity - an introduction Beliefs & practices Festivals, services, sacraments	Written end of term assessment (mini mock)
Terms 2	Paper 1: Christian beliefs & practices Festivals, services, sacraments	Written end of term assessment (mini mock)



Fine Art 2023–24

In Terms 1 and 2 students will begin their first AQA GCSE Fine Art coursework project based on a chosen theme selected from a list of starting points. They will be learning how to use new media and techniques as well as re-visiting and developing existing ones. *Independent* research, exploring ideas, media and technique is actively encouraged, as well as annotating their work explaining their ideas and influences using an artistic vocabulary.

The students work on the coursework that is 60% of the final mark until the end of Term 2 in Year 11. The 10 hour practical exam is completed over two days in April in Year 11. Students begin their exam project in Term 3 of Year 11 to fully prepare for the timed exam.

Students are assessed on the quality of their sketchbook and development work for their current project at the end of each term following the AQA assessment objectives.

The Subject Leader for Art is Mrs Connell



Photography 2023–24

AQA GCSE Photography - Year 10

In Year 10 students will be investigating what it means to make 'Abstract' art in their project '*Abstract Eye*'. Students will need to refer to their knowledge organiser to learn the photographic vocabulary that will help them to describe and discuss their own practical experiments as well as the work of key artists.

The students work on the coursework that is 60% of the final mark until the end of Term 2 in Year 11. The 10 hour practical exam is completed over two days in April in Year 11. Students begin their exam project in Term 3 of Year 11 to fully prepare for the timed exam.

Students are assessed on the quality of their sketchbook and development work for their current project at the end of each term following the AQA assessment objectives.

The Subject Leader for Photography is Mr Walker



Textiles 2023–24

In Terms 1 and 2 students will begin their first AQA GCSE Textiles coursework project based on a chosen theme selected from a list of starting points. For homework, students will need to refer to their KO to learn key vocabulary and use it to develop their own work and annotate their sketchbooks using correct terminology. They are encouraged to do more research (exploring ideas, gathering images, sketching) to help them complete a strong sketchbook demonstrating good understanding of the project content.

The students work on the coursework that is 60% of the final mark until the end of Term 2 in Year 11. The 10 hour practical exam is completed over two days in April in Year 11. Students begin their exam project in Term 3 of Year 11 to fully prepare for the timed exam.

Students are assessed on the quality of their sketchbook and development work for their current project at the end of each term following the AQA assessment objectives.

The Subject Leader for Textiles is Mrs Connell



Design Technology – 2023/24

Students will continue to focus on different materials and start the year looking at metals for the pewter casting project, this will help to build their skills and knowledge in processes to prepare for the coursework element. They will then go onto experience a range of mini projects based on the following topics: Energy generation, mechanical devices and CAD/CAM.

Students will focus on a range of different materials and processes to help build their skills and knowledge and prepare them for Year 11. Topics listed below will be included within mini make projects.

GCSE Design and Technology - AQA - 8552

The Subject Leader for Design and Technology is Mrs Newton

Term	Topics
1	<ul style="list-style-type: none">● Ferrous, non-ferrous and alloys● Designer focus: Charles Rennie Macintosh and Louis Comfort Tiffany● Production systems● CAD/CAM● Anthropometric data● Sustainability
2	<ul style="list-style-type: none">● The 6 R's and Upcycling● Planned obsolescence and design for disassembly● People, culture and society.



AQA Food Preparation & Nutrition 2023–24

Qualification: GCSE

Exam board: AQA

During Term 1, students will develop further understanding of industry standards by completing Section 3: Food Safety and will learn in detail about the safe storage, preparation and cooking of Food. During Term 2, students will begin studying Section 1: Food, Nutrition and Health and will focus primarily on macronutrients. Throughout both terms, students will consolidate their practical knowledge of basic techniques and processes and start to understand the 12 Food preparation skills groups.

The Subject Leader for Food Preparation and Nutrition is Mrs B Harvey

	Topics	Assessment
Term 1 Section 3 - Food safety	<ul style="list-style-type: none">● Food spoilage & contamination● Microorganisms & enzymes● The signs of food spoilage● Microorganisms in food production● Bacterial contamination● Principles of food safety - buying & storing food● Preparing, cooking & serving food	Written test - multiple choice & longer answer Practical assessment - 1 dish
Term 2 Section 1 Food, Nutrition & health	Nutritional functions, sources and effects of excess & deficiency of protein, fat and carbohydrate.	Written test - extended question Practical assessment - choice of own dish based on a theme



Computer Science 2023/24

During Terms 1 and Term 2, students will be learning Computational Thinking and building their python programming skills. Weekly lessons will be divided into a theory lesson, and a programming lessons. Throughout theory lessons, students will learn about computational thinking and how to create algorithms. During the programming lessons, students will have the opportunity to take their algorithms and create them into fully functioning programs.

The lead for Computer Science in the school is Miss Depta

	TOPIC	ASSESSMENT
TERM ONE	Topic 1: Computational Thinking Python Programming	Python Programming Assessment
TERM TWO	Topic 1 Computational Thinking Python Programming	End of Topic 1 Test Python Programming Assessment



Health & Social Care 2023/24

During Terms 1 and 2 students will be learning about development throughout the ages, incorporating research and key terminology. Students will start to use assessment criteria to answer questions and consider case studies. This is a BTEC Tech Award Level 2 qualification, which comprises of two controlled assessments for coursework and a final exam in Year 11.

The lead for Health and Social Care in the school is Mrs Rawlinson

	TOPIC	ASSESSMENT
TERM ONE	Human lifespan development	Different types of development within life stages.
TERM TWO		What impact do life events have?



Sport 2023/24

In Year 10 BTEC SPORT, students will have the opportunity to cover upto two components in this year. Components 1 and 2 are completed as a PSA which are controlled written and practical assessments. Component 3 is completed at the end of the course and is an external examination in Yr 11.

The lead for Sport at The Whitstable School is Mrs Merrick.

	Topic	Assessment
Term 1	Component 1: Preparing participants to take part in sport and physical activity Learning Aim A - Exploring types and provisions of sport and physical activities for different participants.	The assessment will conclude later on in the year with a internal controlled Pearson Set Assessment (PSA)
Term 2	Component 1: Preparing participants to take part in sport and physical activity Learning Aim B - Examining equipment and technology required for participants to use.	



Creative & Performing Arts: Dance 2023/24

The lead for Dance at The Whitstable School is Miss Everson. Students who take Dance in P.E time will be doing the RSL qualification and those that have chosen it as a subject will be doing BTEC Level 2, Performing Arts - Dance Pathway.

RSL - P.E option	Topic	Assessment
Term 1	Ensemble Dance Performance: Commercial	<ul style="list-style-type: none"> • Collaboration, mental skills and safe practice during the rehearsal process. • Physical, technical, expressive, mental skills and safe practice in an 3-5 minute ensemble performance. • Written description, analysis, interpretation, evaluation and reflection on their own performance work.
Term 2	Choreography and Coursework	<ul style="list-style-type: none"> • Reflecting and reviewing performance skills • Creating choreography based on a stimulus

BTEC Dance Level 2	Topic	Assessment
Term 1	Component 2 mock - Learning repertoire	<ul style="list-style-type: none"> • Practical workshops • Peer assessments • Collaboration with other dancers and creative workshops
Term 2	Component 2 - Reflecting on skills	<ul style="list-style-type: none"> • Reflecting and reviewing performance skills • Creating choreography based on a stimulus



Music – 2023/24

Year 10 pupils start their two year course: BTEC Level 1/Level 2 Tech Award - Pearson qualification. In terms 1 and 2 pupils start the learning phase of Component 1: Exploring Music Products and Styles. During both terms pupils will gain an understanding of the stylistic and compositional features of different music genres. Pupils will learn repertoire in a band setting and have performance opportunities. Pupils will complete written tasks and presentations about the different music styles, demonstrating their knowledge and understanding of the main characteristics of the music using musical terminology.

The Subject Leader for Music is Mr Cassini

	TOPIC	ASSESSMENT
Term 1	Reggae, Rock and Heavy Metal -	<ul style="list-style-type: none"> - Written essay and presentations - Audio/visual recordings - Class performances <p>Learning outcomes</p> <p>A - Demonstrate an understanding of styles of music B - Apply understanding of the use of techniques to create music</p>
Term 2	Jazz and Blues -	<ul style="list-style-type: none"> - Written essay and presentations - Audio/visual recordings - Class performances <p>Learning outcomes</p> <p>A - Demonstrate an understanding of styles of music B - Apply understanding of the use of techniques to create music</p>



Creative & Performing Arts: Drama

2023/2024

Year 10 students start their two year course: WJEC Level 1, 2 Vocational Performing Arts. In terms 1 and 2 they will refresh and build on the skills covered at KS3 as well as preparing for and starting 'Unit 2: Creating'.

The lead for drama at The Whitstable School is Mrs Freeman

	Topic	Assessment
Term 1	<p>Introduction to WJEC Level 1, 2 Vocational Performing Arts.</p> <p>Develop and demonstrate knowledge and understanding of the skills and techniques needed to create and refine original work in the performing arts.</p> <p>Participate in workshop style lessons to explore various practitioner styles.</p>	<p>Assessment:</p> <p>Recorded practical performances Written research notes and reflections.</p>
Term 2	<p>Refinement of theatre making skills through exploration of different types of stimuli.</p> <p>Undertake research and planning for performance.</p> <p>Develop understanding and use of subject specific terminology.</p>	<p>Assessment:</p> <p>Recorded practical performances Written research notes and reflections.</p>

Citizenship 2023/2024 (GCSE AQA)

The Subject Leader for Citizenship is Mr Waters

	TOPIC	ASSESSMENT
TERM ONE	Life in modern Britain: The role of the UK within international organisations.	Exploration of the roles and responsibilities that the UK has to itself and international organisations. Half assessment of Paper 1, Section A.
TERM TWO	Rights and Responsibilities: Law in contemporary society.	The fundamental principles of law, to ensure rights and freedoms, the presumption of innocence and equality before the law.
	Rights and responsibilities within the legal system	Exploring the rights and freedoms of the citizen, the power of the police, judiciary, legal representatives, differences between criminal and civil law and tribunals and other dispute related bodies.



Finance 2023/24

The Subject Leader for Finance is Mr Bennington. The qualification is a technical award at Level 2.

	TOPIC	ASSESSMENT
Term one and Term two Technical Certificate in Finance Unit 1:	Finance for the Individual	<p>During the autumn term we shall introduce key terminology that relates to personal finance. We learn the core content during the autumn term and apply it in our case study analysis in the spring term.</p> <p>Unit 1 starting September 2023 includes the following topics, available to see on the digital platform my.libf.ac.uk :</p> <p>Topic 1: Budgeting to achieve financial goals</p> <p>Topic 2: The fundamentals of banking</p> <p>Topic 3: Lending providers and products</p> <p>Topic 4: Savings products</p> <p>Topic 5: Investments</p> <p>Topic 6: Insurance</p> <p>Topic 7: The personal life cycle and inheritance</p> <p>Topic 8: Taxation, National Insurance and HMRC</p>