



DURHAM JOHNSTON
COMPREHENSIVE SCHOOL
— DARE TO BE WISE —

Year 11

Curriculum Overview ***Half Term 4***

Dear Parent/Carer,

In the following booklet you should find an overview of what your child will be studying this half term in school. We've included key details on what they will be looking at in each subject, how they'll be assessed and what they might do to further develop their understanding. The aim is for this to make it easier for you to work with the school supporting your child with their work.

All lessons last for one hour. In Year 11, students study the following:

- **English** and **Maths** – **four** lessons per week per subject
- **Science** – **two** lessons per week per Science subject (Biology, Chemistry and Physics)
- **Three 'Options'** – **three** lessons per week per subject
- **Religious Education** – **one** lesson per week
- **'Core' PE** – **one** lesson per week

The information for each subject is categorised as follows:

Topics / tasks: This is the overview of the topics Year 11 students will be covering this half term.

Content and skills: This explains what areas students will be looking at, and the skills they will be developing during the half term.

Assessment: This explains how students will be assessed on their understanding of this topic.

Stretch and challenge: This gives suggestions of how students can explore this area in more detail if they wish.

Exam Boards

Please use the table if you wish to know which exam board the school uses for each qualification.
Click on the [exam board](#) to view the specification via their website.

Subject	Awarding Body	Subject	Awarding Body	Subject	Awarding Body
Art	Edexcel	Geography	AQA	Physical Education, Vocational	WJEC
Business	OCR	German	AQA	Religious Education	AQA
Computer Science	OCR	Health & Social Care	Eduqas	Science: Biology	Edexcel
Design Technology	AQA	History	AQA	Science: Chemistry	Edexcel
Drama	AQA	Latin	Eduqas	Science: Physics	Edexcel
English Language	AQA	Mandarin	AQA	Spanish	AQA
English Literature	AQA	Maths	AQA	Textiles	Eduqas
Engineering	AQA	Music	Edexcel	Vocational Construction	Eduqas
Food Preparation and Nutrition	Eduqas	Photography	Edexcel	Vocational Engineering	Eduqas
French	AQA	Physical Education, GCSE	AQA		

Art

Topics / tasks:	Component One- personal projects
Content and skills:	Students are continuing to develop their coursework, with no exam taking place in the spring. Students need to continue developing their sketchbooks/portfolio sheets, as well as creating ambitious outcomes which demonstrate their skill and knowledge. The class teacher provides individual targets and tasks, through discussion with the student which the student does need to respond to in covering the assessment criteria.
Assessment:	Pupils work will receive developmental comments to act upon, either in improving an existing piece of work, or areas to develop in the next outcome. This term, pupils will begin to spend more time assessing their own work and work by their peers. Most of the assessment is verbal feedback in lessons, with written comments provided for main outcomes on MS teams.
Stretch and challenge:	Students are encouraged to work very independently and take creative risks. By looking at a wide range of artwork, students can broaden their knowledge, but also their own ideas. Looking at major art museum websites and searching for artists related to their theme/title, will enable students to expand and refine their ideas.

Business

Topics / tasks:	6.1 Ethical & Environmental Child Labour; 6.1 Ethical & Environmental Working conditions; 6.1 Ethical & Environmental Fair Trade; 6.1 Ethical and environmental Waste & The Environment- False advertising - Climate change and the environment 6.2 The economic climate; 6.3 Globalisation
Content and skills:	GCSE Business – the fundamentals and beyond. Be able to discuss: • Legal, social, ethical and environmental impact (including legislation) • Child labour (and the implications to the business, as well as the impact on the child/communities) • Working conditions (and the implications to the business, as well as the impact on the employee) • Economic climate – cause/effect • The concept of globalisation & The impact of globalisation on businesses Data: • Use and analyse graphical data and statistics. • Analyse information from a given scenario. Use key information when compiling an answer (application). Interpersonal skills: • Collaborative working, ideas, business and presenting.
Assessment:	Range of exam questions, classwork, homework. Q&A in lessons. Exam questions (multi-choice, essay style extended answer (evaluate) and describe) Use of key terms & application assessed. Topic 6 mock & review Exam slam and action plans
Stretch and challenge:	Projects to get involved in and websites to develop understanding: stopchildlabour.org/ www.environmentjob.co.uk/volunteering?country=2&last_filter=country&last_value=2 www.countryfile.com/how-to/outdoor-skills/guide-to-volunteering-in-the-countryside-conservation-wildlife-gardening/ www.fairtrade.org.uk/ Watch: “Our planet – Our business” www.youtube.com/watch?v=JdWQJq2OkJs Extra: Folders & notes – revise and mind map Two teachers: www.youtube.com/channel/UCnVHZKYx1vWVnhRjJqJbNdQ BBC Bitesize - Business GCSE: www.bbc.co.uk/bitesize/examspecs/zv8gvk7 SENECA: www.senecalearning.com/

Computer Science

Topics / tasks:	Revision of Paper 2 topics Mock Assessments
Content and skills:	Students will revisit numerous topics from Paper 2 focusing initially on Trace Tables, SQL, and Computational Thinking Students will complete a mock assessment on Paper 2 Students will have targeted revision based on the outcome of the mock
Assessment:	Y11 Paper 2 mock /80
Stretch and challenge:	Complete all activities on the Seneca website to prepare for revision senecalearning.com/en-GB/blog/free-ocr-computer-science-gcse-revision/ Use the GCSE bitesize revision site for extra tools of revision www.bbc.co.uk/bitesize/examspecs/zmtchbk Use the Project Euler website to revise your coding and problem-solving skills https://projecteuler.net/

Design Technology

Topics / tasks:	Continuation of NEA
Content and skills:	Students will continue their own response to the NEA tasks set by the exam board (AQA). This term students should explore: • Writing a manufacturing specification • Creating final design • Evaluate their final designs against their specification Students will continue to recap knowledge and understanding of the greater world of design covering the following topics: • Scales of production • Construction / joining techniques • Development in new materials
Assessment:	The students NEA response will be assessed in accordance with AQA marking criteria. Students will also be assessed in a mock exam.
Stretch and challenge:	Students should be actively revising theory tasks. Students have been given a revision book with relevant practice questions that they can use for extra preparation for their exam. Students should be engaged with the class team to access further opportunities for learning.

Drama

Topics / tasks:	Topic 1: Component 1: Written exam. Section A Multiple Choice and Section C Live Theatre Evaluation for mock examination. Topic 2: Prepare for texts in practice examination.
Content and skills:	Content of Topic 1: Revise the Live Theatre component of the written examination, and rewrite previous written practice if needed. Content of Topic 2: Continue to prepare for practical examination in April.
Assessment:	Mock examination: Teacher marked written examination.
Stretch and challenge:	Using BBC Bitesize for Blood Brothers and Live Theatre evaluation revision.

English Language

Topics / tasks:	AQA GCSE English Language: Paper 1 Reading and Writing Fiction REVISION
Content and skills:	• Understanding each of the four exam questions. • Understanding which methods to use to answer each of the four exam questions. • Revising descriptive language methods. • Revising how to structure narratives. • Evaluating viewpoints and providing personal responses. • Completing individual questions. • Completing a full Paper 1 Mock Exam.
Assessment:	Paper 1 Mock Exam
Stretch and challenge:	• Reading fiction and examining how writers structure chapters of writing. • Accessing Mr Bruff on YouTube and watch the series of videos on 'English Language Paper 1: reading' whilst making useful revision notes. https://www.youtube.com/user/mrbruff/featured. • Attending English drop-in sessions with the class teacher

English Literature

Topics / tasks:	AQA GCSE English Literature: Paper 2 Revision 'An Inspector Calls', 'Power & Conflict' Poetry & Unseen Poetry
Content and skills:	• Revising the set texts • Analysing the writer's use of language in each text. • Considering the social and historical contexts of the texts and how these influence the writer • Understanding how to answer exam questions • Learning key quotations from across the texts.
Assessment:	Writing exam responses on both characters and themes
Stretch and challenge:	• Reading the play and poems more than once. • Watching filmed versions of the play. • Accessing Mr Bruff on YouTube and watching the series of videos on the play whilst making useful revision notes. www.youtube.com/user/mrbruff/featured

Engineering

Topics / tasks:	Section 3 : Systems Section 4: Testing & Evaluation
Content and skills:	Students will complete section 3 Systems : 3.3 Electronic systems, 3.5 Structural systems , 3.6 Pneumatic systems Students will begin section 4 Testing and evaluation: 4.1 Modelling & Calculation 4.2 Testing, 4.3 Aerodynamics
Assessment:	Student will receive summative online testing at the end of each unit and will be required to complete short assignments most lessons based on what they have learned.
Stretch and challenge:	Students should be actively revising theory tasks completed in year 10 & 11 in preparation for mock exams. Students have been given a digital copy of the revision book so they can read ahead for topics not yet covered.

Food Preparation and Nutrition

Topics / tasks:	Component 2 – Food Preparation and Nutrition in Action- NEA2
Content and skills:	Students will continue to work through their NEA assignments provided by the exam board: NEA2 Students will make sure that by the end of this half term, all their work is ready to be submitted. Student will continue/ begin to recap theory knowledge gained in year 10 to prepare for their written examinations.
Assessment:	Practise exam questions will be given regularly to review topics covered in revision lessons.
Stretch and challenge:	Students have received login details for the online textbook which can be accessed at https://illuminate.digital/edugasfood/ Students should engage with teams to keep up to date with teachers' guidance on revision topics as well as addressing any gaps in their knowledge. Extra revision sessions will be available.

French

Topics / tasks:	End of Unit 9 on Environment and revision of all GCSE topics
Content and skills:	Students will continue to study the topic of environment. They will learn new vocabulary relevant to the topic and be able to apply this through speaking, listening, reading and writing tasks. They will revise the formation of all tenses and revise vocabulary of all GCSE topics through practice papers, translations, reading & listening tasks as well as practising writing and speaking on the topics.
Assessment:	Students will be working on the feedback of their mock paper. They will be assessed by regular vocabulary and grammar tests.
Stretch and challenge:	Students to access Kerboodle and AQA website to practise exam type exercises.

Geography

Topics / tasks:	Hazards	Fieldwork and Geographical Skills
Content and skills:	Students will study tectonic hazards and extreme weather. Students will examine the evidence for and causes of climate change before examining the impacts of climate change around the world. Students will then assess the different local, national and global responses to climate change.	Students will review the key stages in a fieldwork investigation, starting with planning a geographical enquiry, sampling and primary and secondary data collection. Issue evaluation will begining to be studied after release date.
Assessment:	Year 11 mock examinations.	
Stretch and challenge:	Students can explore the topic further by completing the lessons and quizzes available for this topic under year 11 units 1-4 at: https://continuityoak.org.uk/lessons	Students can explore the topic further by completing the lessons and quizzes available for this topic under year 11 unit 10 at: https://continuityoak.org.uk/lessons

German

Topics / tasks:	THEME 3: COMMUNICATION AND THE WORLD AROUND US: UNIT 8: MEDIA AND TECHNOLOGY UNIT 9: THE ENVIRONMENT AND WHERE PEOPLE LIVE
Content and skills:	Students will study key topic-specific vocabulary alongside the consolidation and revision of core grammar, including prepositions, the TMP word order rule, reflexive verbs, impersonal verbs, and a range of tenses (perfect, imperfect, future, conditional, and pluperfect). Students will develop competence across all four skills (reading, writing, listening, and speaking), with a particular focus on effective strategies for approaching exam-style writing and speaking tasks. They will also build skills in reading authentic texts and using social and cultural context to infer meaning, applying knowledge of suffixes to decode unfamiliar vocabulary, varying language through alternatives to <i>weil</i>, using adjectives effectively, and paraphrasing to improve accuracy and range.
Assessment:	Completing various formative tests and pieces of homework. There will also be a formal mock exam in Listening, Reading, Speaking and Writing.
Stretch and challenge:	Research life in German-speaking countries (Germany, Austria or Switzerland) in relation to: - Media & Technology (e.g. social media use, digitalisation, AI, privacy, public attitudes to technology) - The Environment (e.g. recycling systems, renewable energy, climate policies, public transport, environmental awareness) Write a comparative text in German explaining the similarities and differences between German-speaking countries and Britain.

Health and Social Care

Topics / tasks:	Level 1 / 2 Vocational Award Health and Social Care
Content and skills:	Core Knowledge & commodities: Half Term 4: Unit 1 Revision Tasks: Revision, Recap, Research, extended writing, investigating, writing facts. Topics: Unit 1: • 1.1 Key physical, intellectual, emotional and social aspects that affect growth and development across the lifespan of individuals. • 1.2 Key aspects that affect growth and development across the lifespan. • 1.3 Factors that shape self-concept and personal development. • 1.4 The physical indicators used to measure health and how these can be interpreted. • 1.5 The role and purpose of promoting health and well-being.
Assessment:	Mock exams / exam questions
Stretch and challenge:	Students will complete additional revision for final exams which can be accessed via Microsoft Teams.

History

Topics / tasks:	Power and the People- The Early Modern Period and the 19th Century
Content and skills:	Students will be continuing their study of Power and the People, looking at how and why protests either succeeded or failed across the Early Modern period (c.1500-1800).
Assessment:	Students will be regularly assessed using practice examination questions that assess key skills of explanatory writing, analysing interpretations and building arguments. In particular, students will be encouraged to identify the similarities between different events over time, how and why events are significant, the utility of sources to learn about individual protests, and the differing themes that lead to change over time.
Stretch and challenge:	The course looks at individual episodes, rather than one particular event or period. Students will be studying the Pilgrimage of Grace, the Civil War and the Commonwealth, the Campaign for the Abolition of Slavery and the American Revolution before progressing into 19 th century electoral reform. The best place to find support for these topics is on Royal Holloway University's History Hub on Youtube; however there are a wide range of resources available for each of the individual protests and episodes that are studied across the internet, although as things stand there isn't one centralised resource where these can all be located.

Latin

Topics / tasks:	Roman civilisation topic; Revision of complex language features
Content and skills:	Students will complete their revision of the most complex language features required for GCSE (using <i>Taylor: Essential GCSE Latin</i>) and continue practising translation and comprehension tasks to build confidence in their ability. We will also be revising the Civilisation Paper topic and looking particularly at exam-style questions in preparation for Paper 3.
Assessment:	Regular vocabulary and grammar tests, as well as practice exam questions.
Stretch and challenge:	Students can read more about Roman society and history. Documentaries on Pompeii or the lives of the emperors or even novels set in ancient Rome can be very helpful in developing students broader understanding of the period.

Maths (Foundation)

Topics / tasks:	Consolidation, review and examination Practice
Content and skills:	• Revision and consolidation of previously learned skills • Extension of skills to unfamiliar contexts • Reasoning and problem solving skills
Assessment:	Practice Examination papers and questions
Stretch and challenge:	• Complete extra work using www.hegartymaths.com and www.corbettmaths.com • Completing enrichment tasks on www.nrich.maths.org

Maths (Higher)

Topics / tasks:	Consolidation, review and examination Practice <u>Higher Extension</u> Stationary points Increasing and decreasing functions Matrices Transformations in the plane
Content and skills:	• Revision and consolidation of previously learned skills • Extension of skills to unfamiliar contexts • Reasoning and problem solving skills
Assessment:	Practice Examination papers and questions
Stretch and challenge:	• Complete extra work using www.hegartymaths.com and www.corbettmaths.com • Completing enrichment tasks on www.nrich.maths.org

Music

	11A	11K
Topics / tasks:	AOS1-4 Developing Exam Skills	AOS3: Further Listening & Exam Skills AOS4: Further Listening & Exam Skills
Content and skills:	Refining and improving listening skills Developing the ability to write fluently about the set works Revision of key facts for each set work (Coursework Submissions – on hold whilst 'remote learning' continues)	Refining and improving listening skills Developing the ability to write fluently about the set works Revision of key facts for each set work (Coursework Submissions – on hold whilst 'remote learning' continues)
Assessment:	Exam-style listening questions – short and long answer Factual re-call exercises covering key elements of each set work	Exam-style listening questions – short and long answer Factual re-call exercises covering key elements of each set work
Stretch and challenge:	Listening to related works and comparing and contrasting them with the set works – these could be turned into Section B essay plans	Listening to related works and comparing and contrasting them with the set works – these could be turned into Section B essay plans

Photography

Topics / tasks:	Students continue to develop their skills using various techniques with Photoshop to produce a range of tasks. The projects will allow further exploration for the students to progress a creative approach to digital photography. MOCK EXAM Students will produce work from a list of titles off a mock exam paper. This will result in work that that covers all the assessment objects and will be presented as an electronic sketchbook.
Content and skills:	With each new task students will be developing creative processes, looking at digital artists and ways of working, helping them build a portfolio of work in response to the AQA assessment objectives. Assessment will be based on component one work only. Previous exam papers will be used to create projects, but the assessment is 100% coursework this year.
Assessment:	Their practical work will be regularly reviewed, and feedback given with advice and guidance on how the student can improve and work more independently and effectively. Technical skills using a camera, Photoshop and other photography-assisted programs will be assessed. The assessment objectives (AQA exam board) will be referred to throughout the process. Regular verbal feedback by the class teacher and a program of written self-assessment as part of creating the portfolio.
Stretch and challenge:	Being creative in approached to how they can use their skills and imagination to refine and explore various techniques. Further reading by exploring creative websites and identifying artists the student finds interesting and inspirational. To then create outcomes and annotation based on investigations and present a personal and expressive response that shows self-confidence and conviction.

Physical Education (GCSE)

Topics / tasks:	Review of Psychology (Chapter 4), Socio-cultural issues (Chapter 5) and Health and Fitness (Chapter 6)
Content and skills:	Skill and ability Goal setting and SMART targets Feedback and stress management techniques Understand the social-cultural factors affecting performance Understand the link between physical activity and fitness, health and well-being
Assessment:	Teacher feedback on exam questions. Paper 2 specific exam questions and Kerboodle / Everlearner end of topic assessments.
Stretch and challenge:	Continue to use additional resources to further understand the key concepts and reinforce knowledge from Paper 1.

Physical Education (Vocational)

Topics / tasks:	Unit 2 - Practical Sports Performance assignment content.
Content and skills:	Students will study the rules and regulations of two selected sports and develop their practical skills within those sports. Review of exam technique for Unit 1 with emphasis on long answer questions.
Assessment:	Students will submit evidence of practical performance for their chosen sports including written evaluation. Also Everlearner assessments and Teams assignments.
Stretch and challenge:	Continue to complete tasks on Everlearner and use BTEC revision guides and past papers.

Religious Education

Topics / tasks:	Students will complete their studies of Christianity. Revision of the AQA GCSE Full Course Religious Studies begins. Pupils will receive from their teachers two revision booklets which they will be working on to complete their revision of the whole course.
Content and skills:	Pupils will explore the beliefs and practices of Christianity, further information can be found here: https://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062/subject-content/component-1-the-study-of-religions-beliefs,-teachings-and-practices
Assessment:	Mock Exam and ongoing exam practice. The summer exam will be subdivided into • Paper 1: Religions (Christianity and Judaism) on 9th May 2024 • Paper 2: Ethical Themes (Themes A, B, E and F) on 16th May 2024
Stretch and challenge:	Reading: AQA RS Textbook, The Puzzle of Christianity by Peter Vardy

Science: Biology

Topics / tasks:	Topic 4 – Natural selection and genetic modification
Content and skills:	Evolution and natural selection Classification Tissue culture (triple only) Genetic engineering and its uses Improving crop yields (triple only)
Assessment:	Past exam questions
Stretch and challenge:	Find out some interesting examples of genetic engineering

Science: Chemistry

Topics / tasks:	Topic 3: Electrolysis
Content and skills:	Electrolysis – using electricity to split compounds into their constituent elements. Electrolysis of melts and of solutions. Separate Science Only: Using Fuels Cells – how chemistry can generate electricity. Electroplating – how electrolysis is applied to coat metals.
Assessment:	End of topic tests using past paper questions. Planned assessment questions and year 11 paper 1 mock.
Stretch and challenge:	Researching the uses of different polymers and the development of memory polymers Exploring the uses of nanomaterials and the development of applications for graphene and carbon nanotubes

Science: Physics

Topics / tasks:	Separate Sciences Topic 14: The Particle Model Topic 15 – Forces and Matter	Combined Science Topic 15 - Forces and Matter Revision for Paper 1
Content and skills:	• Particles and density • Energy and changes of state • Thermal energy calculations • Gas temperature and pressure • Gas pressure and volume • Bending and stretching • Extension and energy transfers • Pressure in fluids • Pressure and upthrust	• Bending and stretching • Extension and energy transfers
Assessment:	End of topic tests, past exam paper questions	
Stretch and challenge:	Completing relevant exercises on Isaac Physics website: https://isaacscience.org/physics/	

Spanish

Topics / tasks:	Students will complete any remaining areas of the syllabus but most will now have completed the course. Students will begin revision of the course content, working through Themes 1,2 &3
Content and skills:	Revision of all grammar points; building on and developing writing and speaking skills in preparation for the exams Continuing development of listening and reading skills Practice exam questions
Assessment:	Students will complete a mock GCSE exam, to include all 4 skills, in March.
Stretch and challenge:	Students will be encouraged to read and listen more broadly to Spanish outside of lessons, using a variety of resources including Kerboodle, GCSE bitesize and Spanish radio and TV- in order to develop further their reading and listening comprehension skills. They also need to revise vocabulary and grammar covered from the start of the course.

Textiles

Topics / tasks:	Continuation of NEA
Content and skills:	Students will complete their own response to the NEA tasks set by the exam board (AQA). This term students should explore / complete: • Design development • Manufacturing specification • Production plan • Testing • Evaluation • Modifications for commercial production Students should also consolidate learning independently and focus on the following topics • Materials and manufacture • Ergonomics and anthropometrics • Health and safety • Product analysis (materials, function, safety, sustainability)
Assessment:	Pending the release of further guidance, the NEA response will be assessed in accordance with AQA marking criteria.
Stretch and challenge:	Students should be actively revising theory content. Students have been given a revision book with relevant practice questions that they can use for extra preparation for their exam. Also, www.technologystudent.com is an excellent resource for revision. Students should engage with the class team to access further opportunities for learning.

Vocational Construction

Topics / tasks:	Unit 2 – Practical Construction tasks The purpose of this unit is for learners to develop Joinery and Plumbing skills
Content and skills:	Unit 2: Students will plan to complete a plumbing skills exercise including a range of pipe joints (Solder, push fit, isolation and compression). They will also produce a portfolio of evidence recording what they have completed during the task. Unit 2: Students will plan to complete a Joinery skills exercise including a range of wood joints. They will also produce a portfolio of evidence recording what they have completed during the task.
Assessment:	Work will be assessed using the Eduquas assessment criteria framework graded Level 1 Pass, Level 2 Pass, Level 2 Merit and Level 2 Distinction. Unit 2 is 50% of overall grade.
Stretch and challenge:	• Students could watch episodes of 'Grand Designs' and identify job roles and sequence of work to prepare for Unit 3 exam. • Students could do practice CSCS tests on google / YouTube to prepare for Unit 1 exam. • Students can complete missing work / complete revision from the whole course using Microsoft Teams. • A text book is available for this course: WJEC Vocational Award – Constructing The Built Environment, Level 1/2, Howard Davies, Illuminate Publishing, ISBN 978-1-912820-16-0

Vocational Engineering

Topics / tasks:	Unit 2 – Making Engineering Products The purpose of this unit is for learners to use skills developed to produce an engineered product (task light).
Content and skills:	Unit 2 Students will be asked to complete the following tasks 1. Interpret engineering information. 2. Plan engineering production. 3. Use engineering equipment.
Assessment:	Work will be assessed using the WJEC assessment criteria framework graded Level 1 Pass, Level 2 Pass, Level 2 Merit and Level 2 Distinction. Unit 2 is 50% of overall grade.
Stretch and challenge:	Students should familiarise themselves with the specification for the course and expectations, this includes using the textbook to familiarise themselves with exemplar materials for Unit 2 . Students could purchase the course textbook WJEC Vocational Award – Engineering Level 1/2, Matthew Wrigley, Illuminate Publishing, ISBN 978-1-912820-15-3. Students should watch related TV programmes which will be advised in class and on Teams. Students should watch the Engineering video clips on Manufacturing Processes and Materials.