

Year 9 Autumn Term Curriculum Plan

This document is designed to provide an overview of the content of the curriculum that each department will be addressing over the Autumn Term. Each department has provided information on the topics/ content addressed, resources being used and information on tasks that will be assessed. If you have any queries please direct these into the Progress Team on the email address below as a primary point of contact.

Communication Tools

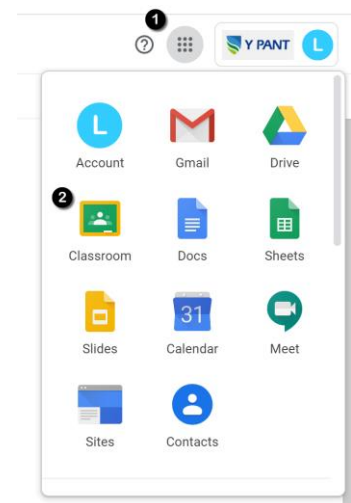
Teachers may be sending activities home for pupils using one of three methods: MILK (our existing homework app), Gmail or Google Classroom. All pupils have a Gmail address which allows them to access Google Classroom. The address is their 6 digit user number @ypant.co.uk and the password will be the same as the one they use to log into the computer at school.

Google Classroom

Google Classrooms are online collaborative working environments for teachers and learners. Many classes have a Google Classroom and staff can post material, information and assignments in the classroom for pupils to view and complete.

To access Google Classrooms students should:

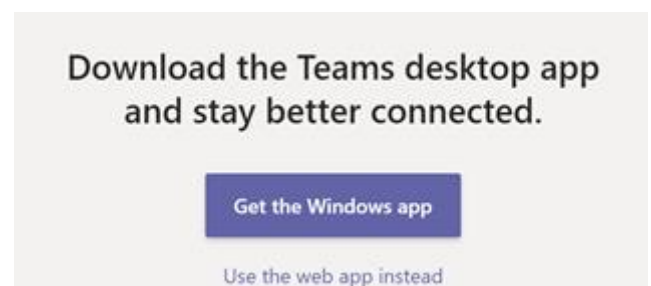
- Log in to their school Gmail.
- They will see the 9 dot icon the right hand corner of the screen ❶
- By clicking this students can access the full range of Google Suite for Education services including Google Classroom. ❷
- All of the classrooms a pupil has access to will appear in their browser so they can select the classroom of the subject they want to access.
- Google Classroom apps can also be downloaded for mobile devices and tablets and if push notifications are enabled, they will inform you of any new material or assignments as they are set.



HWB Teams

We are moving our blended learning to Microsoft Teams on Hwb from Google Classroom. At the moment there will be blended learning available for classes on one or other system. The curriculum plan will indicate which or pupils will be informed by their teacher.

To access Microsoft Teams visit teams.microsoft.com where students should log in using their Hwb login details. These have been or will be given to students in Welsh Bacc or ICT lessons. They may then get the message on the right.



Students can download the Windows (or Mac) app on their own computer or use the web app instead. They will be able to see all the teams they have been added to. To join another team, click in the top left corner and add the team code which the teacher has provided. There is also a free Microsoft Teams app for Google Play and Apple as well as the free Microsoft Office app which means students can access work via their phones as well if necessary.

Year Group Contact Details

Head of Progress	Dr. L. Jones	2023@ypant.co.uk
Assistant Head of Progress	Miss M. Jones	
Senior Leadership Link	Mr A. Davies	

Year 9 English	
Topic Overview	Year 9 are studying a scheme of work called 'Around the World' during the autumn term, alongside a class reader called The Enemy by Charlie Higson.
Assessed Tasks	Key tasks include: a poetry comparison of Mark Twain's Convergence of the Twain and Simon Armitage's poem of the same title; a persuasive letter urging people to support the charity Save the Children; a presentation on the importance of travel and diversity.
Resources	A booklet of reading comprehension tasks, literacy worksheets and short writing tasks will all be sent to students via Google Classroom. Students will be sent an invitation to join their classrooms by their class teachers.
Year 9 Maths	
Topic Overview	(Sets 1&2): Pythagoras; Circles; Formulas (Set 3): Formulas; Circles; Statistics; Accuracy (Sets 4&5): Area; Number; Symmetry; Statistics
Assessed Tasks	Key task Half-term test
Resources	Text books, worksheets and 'My Maths'
Year 9 Biology	
Topic Overview	Triple and Double Award/ Applied Science (Double Award and Applied Science groups will cover less as they have fewer lessons) Balanced diet: Classes of food needed for a balance diet, obesity and type 2 diabetes, food tests and energy content of food Enzymes and Digestion: Properties of enzymes, digestive enzymes, the digestive system

Assessed Tasks	Balanced Diet <ul style="list-style-type: none"> 1 assessed homework 1 end of topic test Enzymes and Digestion <ul style="list-style-type: none"> 1 assessed homework 1 end of topic test (this may be early in the spring term)
Resources	School produced booklets Homework set via MILK Home Learning: Microsoft team - X1, X2, X3, Y1, Y2 – Code - chxfy0a Microsoft team – Y3 – Code - cmqo1s0 Microsoft team X4, Y4, Y5 – Code - odn0du4 BBC Bitesize
Year 9 Chemistry	
Topic Overview	Chemical reactions part 1 Formulae, balancing equations and definitions. Also, different reaction types are studied. These topics will deliver several aspects of the LNF framework as well as developing pupils' revision skills and scientific investigation skills.
Assessed Tasks	Regular assessed homework, see booklet. End of booklet test.
Resources	BBC bitesize KS3 Y Pant booklet
Year 9 Physics	
Topic Overview	Amount of work covered depends on whether pupils are being prepared for Applied Science, Double or Triple Award Science. GCSE DA/TA 1. Waves: Transverse and Longitudinal, Wave Terms and Wave Equations, Speed of Water Waves, Reflection and Refraction, The Electromagnetic Spectrum and Ionising Radiation and Satellites. (DA/TA GCSE) Note: TA Science Pupils will also do an additional booklet on Waves and Earthquakes (Topics include TIR and Fibre Optics, Earthquake Waves and the Structure of the Earth, Trilateration and Lag Time). 2. Generating and Distributing Electricity: Energy Types and Transfer, Efficiency, Non-Renewable and Renewable Energy, Power Stations and Generating Electricity, The Carbon Footprint, Distributing Electricity and the National Grid and Electrical Power. (DA/TA GCSE) 3. Density, Heat Transfer and Heat Loss in Homes: Density, Conduction, Convection and Radiation, Heat Loss In Homes and Insulation, Payback Time. (DA/TA GCSE) 4. Domestic Energy and Electricity: Power and Paying for Electricity, AC and DC, Fuses and Circuit Breakers, Calculating Fuse Values and Ring Mains. (DA/TA GCSE) Skills include: Numeracy, Literacy, Communication and Practical Skills, along with revision skills. Entry Level: 1. Heat Transfer and Heat Loss from Homes: Conduction, Convection and Radiation, Insulating Homes.

	<p>2. Energy and Efficiency: Types of Energy, Efficiency, Efficiency of Vehicles and Energy, Power and Time Equation.</p> <p>3. Renewable and Non Renewable Energy: Types of Renewable and Non Renewable Energy, Generating Electricity with Renewable and Non Renewable Energy, Carbon Footprint, Distributing Energy and The National Grid and Power, Voltage and Current.</p> <p>Skills include: Numeracy, Literacy, Communication and Practical Skills, along with revision skills.</p>
Assessed Tasks	<p>GCSE DATA</p> <p>1. Past paper Questions on Transverse and Longitudinal, Wave Terms and Wave Equations, Speed of Water Waves, Reflection and Refraction, The Electromagnetic Spectrum and Ionising Radiation and Satellites. Assessed Homework on Transverse and Longitudinal, Wave Terms and Wave Equations, Speed of Water Waves, Reflection and Refraction and The Electromagnetic Spectrum and Ionising Radiation. End of Topic Test on Waves.</p> <p>Note: Separate Science Pupils will also do an additional Assessed Homework and End of Topic Test on Waves and Earthquakes.</p> <p>2. Past paper Questions on Generating and Distributing Electricity. Assessed homework on: Energy Types and Transfer, Efficiency, Non-Renewable and Renewable Energy, Power Stations and Generating Electricity and The Carbon Footprint (Key Task). End of Topic Test – Generating and Distributing Electricity.</p> <p>3. Past paper Questions on Density, Conduction, Convection and Radiation, Heat Loss In Homes and Insulation, Payback Time. Assessed Homework on Density, Conduction, Convection and Radiation (Key Task). End of Topic Test – Density, Heat Transfer and Heat Loss in Homes.</p> <p>4. Past paper Questions on Domestic Energy and Electricity. Assessed Homework on Power and Paying for Electricity. End of Topic Test – Domestic Energy and Electricity.</p> <p>Entry Level:</p> <p>1. Past paper Questions Heat Transfer and Heat Loss from Homes: Conduction, Convection and Radiation, Insulating Homes. Assessed Homework on Heat Transfer and Heat Loss from Homes: Conduction, Convection and Radiation, Insulating Homes. End of Topic Test – Heat Transfer and Heat Loss from Homes: Conduction, Convection and Radiation, Insulating Homes.</p> <p>2. Past paper Questions on Types of Energy, Efficiency, Efficiency of Vehicles and Energy, Power and Time Equation. Assessed Homework on Types of Energy, Efficiency, Efficiency of Vehicles and Energy, Power and Time Equation. End of Topic Test – Types of Energy, Efficiency, Efficiency of Vehicles and Energy, Power and Time Equation.</p> <p>3. Past paper Questions on Types of Renewable and Non Renewable Energy, Generating Electricity with Renewable and Non Renewable Energy, Carbon Footprint, Distributing Energy and The National Grid and Power, Voltage and Current. Assessed Homework on Types of Renewable and Non Renewable Energy, Generating Electricity with Renewable and Non Renewable Energy, Carbon Footprint. End of Topic Test – Types of Renewable and Non Renewable Energy, Generating Electricity with Renewable and Non Renewable Energy, Carbon Footprint, Distributing Energy and The National Grid and Power, Voltage and Current.</p>

Resources	Physics Booklets. www.thestudentroom.co.uk . www.gcse.com . www.fizzics.org/gcse-physics-notes-and-video . www.bbc.co.uk/schools/gcsebitesize . Watch appropriate scientific TV programmes. New Scientist Magazine. https://www.crickhowell-hs.powys.sch.uk/wp-content/uploads/2018/03/GCSE-Physics-Unit-1-Revision-Book-2018.pdf .
Year 9 Art	
Topic Overview	Personal Portfolio 'Structures' project. Students explore a range of media and processes to record from direct observation. Varied topics are covered and relevant contextual study making clear connections are made. This work will inform design ideas to start a printmaking unit.
Assessed Tasks	Ongoing assessment of classwork and homework tasks which make up the Personal portfolio
Resources	Sketchbook, loose sheets, drawing materials. Google classroom access code: i7jnlgp
Year 9 Design & Technology- Product Design	
Topic Overview	Drawing and designing skill development. Isometric, shading, shadow, experimenting with presentation techniques etc.
Assessed Tasks	Individual drawing tasks assessed and graded
Resources	Microsoft Teams – Y9 Product Design (Already set up in class)
Year 9 Drama	
Topic Overview	<p><u>Drama Key Skills</u></p> <p>Students will work through theory booklet exploring a range of dramatic techniques including actor key skills, stage directions and configurations, character building and narrative structure. Booklet has been uploaded to individual Teams and distributed to whole year group.</p> <p><u>Romeo and Juliet – Unit 3</u></p> <p>Students will work through Romeo and Juliet booklet. They will explore R & J through a range of theatrical aspects including Shakespearian language, actor key skills, characterization, set design, costume design, lighting and sound design, contextual research and audience perspective. They will explore two different live performances of Romeo and Juliet by the RSC and the Globe Theatre.</p>
Assessed Tasks	<p><u>Vocal Baselines assessment –</u> Students will perform and record their speech</p> <p><u>Set/Costume and Lighting Design Mock Exam Paper</u></p>

	Terminology Assessment - Quiz
Resources	<p>Theory Booklet Romeo and Juliet revision booklet Romeo and Juliet yellow script</p> <p>https://www.shakespearesglobe.com/learn/secondary-schools/playing-shakespeare-with-deutsche-bank/?utm_source=wordfly&utm_medium=email&utm_campaign=EPTeacherbulletinstreamRandJ&utm_content=version_A&promo=11501</p> <p>https://www.bbc.co.uk/bitesize/subjects/zbckjxs</p>
Year 9 Food and Nutrition	
Topic Overview	Factors affecting food choice, Microorganisms and food poisoning, cereals (wheat, maize, oats, barley and rice) breadmaking, pasta making, cake making methods (creaming, rubbing, melting and whisking)). Sugars and sweeteners.
Assessed Tasks	Key task test on Cereals and practical assessment on cake making methods.
Resources	www.bbc.co.uk/food/techniques
Year 9 Geography	
Topic Overview	<p>Core Theme One: Landscapes and Physical Processes Key Idea 1.1 Distinctive landscapes in Wales Key Idea 1.2 Landform process and change in two different and distinctive landscapes of Wales Key Idea 1.3 Drainage basins of Wales and the UK</p> <p>Options Theme Four Coastal Hazards and their Management Key idea 4.1 Vulnerable Coastlines Key Idea 4.2 Managing Coastal Hazards</p>
Assessed Tasks	Two structured data response questions.
Resources	<p>Microsoft Team set up for the cohort, code: ke2ojrd</p> <p>All supporting resources on Teams in specification order. The WJEC GCSE Geography revision guide may be useful:</p> <p>https://www.hoddereducation.co.uk/subjects/geography/products/14-16/my-revision-notes-wjec-gcse-geography</p>
Year 9 History	
Topic Overview	<p><u>USA 1910-29</u> Immigration, Xenophobia, Race Relations, Prohibition, Boom & Bust, Popular Entertainment</p>

Assessed Tasks	<ul style="list-style-type: none"> • Booklets of past paper questions which are completed every week • End of module mock examinations • Factual recall tests
Resources	School produced booklets History Channel YouTube Google Classroom- geza6ct
Year 9 Digital Technology	
Topic Overview	Booklet 1 –Data – Analogue and digital data & measuring and storing data.
Assessed Tasks	Past paper questions – teacher assessed Booklet 1 test after half term
Resources	Access Digital technology google classroom- full access to booklet and questions
Year 9 Computer Science	
Topic Overview	Hardware – Von Newman, CPU, FDE, factors affect performance & input and output. Logical Operators –Truth tables & Boolean logic.
Assessed Tasks	Assessed homework. Assessment sub-topic tests.
Resources	<ul style="list-style-type: none"> • See Mr. Crowley Google classroom • Classroom resources/materials
Year 9 Music	
Topic Overview	<p><u>Music Theory</u> Understanding of music theory including time signatures, rhythm, performance skills, musical styles and elements.</p> <p><u>Unit 1 – Performing</u> <u>Unit 2 – Composing</u> <u>Unit 3 – Appraising</u> Students will work towards unit of ‘Introduction to GCSE Music’</p>

Assessed Tasks	Baseline assessment of Music Theory Recorded Performance
Resources	https://www.wjec.co.uk/qualifications/music-gcse/#tab_overview https://www.bbc.co.uk/bitesize/subjects/zpf3cdm Google Classroom and HWB Teams
Year 9 Sport	
Topic Overview	Pupils will cover topics covering Unit 1 and Unit 2. They will start to look at components of fitness and fitness testing.
Assessed Tasks	Pupils will have topic tests on components of fitness and fitness testing.
Resources	https://www.wjec.co.uk/qualifications/sport-and-coaching-principles-level-1-2/#tab_overview https://www.bbc.co.uk/bitesize/examspecs/zqfysg8
Year 9 Religion, Ethics and Philosophy	
Topic Overview	<u>Christianity Unit 1</u> Christianity - Core beliefs, teachings and practices <ul style="list-style-type: none"> • God • Trinity • Jesus • Creation – Genesis 1,2 & 3; literal and non-literal interpretations
Assessed Tasks	Key task GCSE past paper exam question practice Kahoot quizzes at home
Resources	Pupils class booklets. Resources on TEAMS Films – God’s not Dead, Jesus of Nazareth, Miracle Maker, <u>GCSE WJEC textbook:</u> https://www.amazon.co.uk/WJEC-GCSE-Religious-Studies-Philosophical/dp/1510413456 <u>GCSE WJEC Revision Textbook</u> https://www.bbc.co.uk/bitesize/topics/zg4m7p3 <u>BBC Bitesize WJEC Christianity:</u> https://www.bbc.co.uk/bitesize/topics/zg4m7p3
Year 9 Spanish	
Topic Overview	Booklet : “Los jóvenes” Various activities available online with the view of learning: saying what somebody looks like, describing personality, saying what you do in a typical day, saying what you have to do at home, how to use reflexive verbs and how to scan a text for information. Grammar: present, imperfect, present continuous and “tener que”
Assessed Tasks	Weekly grammar tests and vocabulary tests Assessment at the end of the unit
Resources	School produced booklet Find us on Quizlet and Kahoot (Valle_Fernandez) All work at Google classroom 9C (2tpaz3d) 9B (uowaycn) 9D jfhpjvw Quizlet 9B https://quizlet.com/join/SVQCWGD6

	Quizlet 9C https://quizlet.com/join/PzQ5h7MTA Quizlet 9D https://quizlet.com/join/Tncp7BaWe
Year 9 Welsh	
Topic Overview	GCSE Welsh as a Second Language Shopping Types of shops; Money; Fashion; Asking prices. Present, Past, Imperfect, Future Tenses
Assessed Tasks	Various Key Tasks - assessed pieces of work, some of which to be completed at home. End of Unit Assessment (Reading Comprehension and Writing)
Resources	School produced booklets and worksheets - Pupils are given paper copies and codes to access these via Microsoft Teams will be posted soon <ul style="list-style-type: none"> • Unit 1 Shopping • Language booklet • Additional Worksheets Homework set via MILK www.s4c.cymru/clic (Catch-up TV) www.geiriadur.net (dictionary) Download ' <u>Ap Geiriaduron</u> ' - free dictionary app to your phone or tablet for instant translation of words.
Year 9 Life Skills	
Topic Overview	Equality and Diversity Unit 1 (Equality and Diversity in Society). <ul style="list-style-type: none"> • Part 1 (understanding equality) • Part 2 (understanding diversity). <p>One of the courses pupils are completing in Life Skills is Level 2 Certificate in Equality and Diversity. It has been developed to reinforce the importance of equality and diversity within different contexts and ensuring that all students gain an understanding of the different issues affecting equality and diversity in today's society, the community and the workplace. This qualification consists of three units. It is all coursework based and is completed in class throughout the year. Once it is completed, it is equivalent to two B grades at GCSE.</p>
Assessed Tasks	Equality and Diversity Unit 1 Assessment sheet. This will be uploaded to Teams when it is required. Pupils can also make PowerPoints/posters/presentations etc.
Resources	Booklet and assessment sheet PowerPoints
Year 9 Construction	
Topic Overview	Our GCSE in Built Environment introduces learners to, and develops their understanding of, the built environment, including the trades and roles within it, the tools, technologies and materials used in its construction and maintenance, and the processes involved in its

	design.
Assessed Tasks	Mock exam in school Technical drawing assessment
Resources	Booklets and technical drawing specifications handed out in school
Year 9 Engineering	
Topic Overview	Engineering Drawing
Assessed Tasks	In class assessment of accuracy of engineering drawings and demonstration of skills learnt.
Resources	www.technologystudent.com , in class worksheets.
Year 9 Health, Social and Childcare	
Topic Overview	Human development across the life cycle Physical development Intellectual development Emotional development Social development
Assessed Tasks	Case study Key task Exam style question key task End of topic tests
Resources	Google classroom digital copies of booklet and supporting Ppt, Classroom paper booklet
Year 9 GCSE Physical Education	
Topic Overview	Pupils will cover topics covering Unit 1a and 1b. These relate to Healthy Lifestyles, Exercise and Training and will look at Fitness Components, Testing and Methods of Training to improve them.
Assessed Tasks	They will be fitness tested practically to give them targets to improve upon. They will have end of unit tests for Unit 1a and Unit 1b as well as two key tasks.
Resources	https://www.bbc.co.uk/bitesize/examspecs/zqfyg8 https://www.wjec.co.uk/qualifications/physical-education-gcse/#tab_overview
Year 9 GCSE Textiles	
Topic Overview	Personal Portfolio 'Structures' project. Students explore a range of media and processes to record from direct observation. Varied topics are covered. This work will inform design ideas to start a fashion drawing unit.

Assessed Tasks	Ongoing assessment of classwork and homework tasks which make up the Personal portfolio
Resources	Sketchbook, loose sheets, drawing materials.
Year 9 GCSE Media Studies	
Topic Overview	<p>1. What is Media Studies? Students are introduced to media studies as an academic subject. They learn core terminology and concepts associated with media language and learn how to apply these to a range of media texts e.g. film posters</p> <p>2. What is Representation Students are introduced to the key media concept of representation. They learn how media texts support or challenge ideologies and messages in society and how they represent issues surrounding gender, age and ethnicity. They study how these ideas are presented in a range of media texts</p>
Assessed Tasks	<ul style="list-style-type: none"> • Regular in-class quizzes on core media knowledge, concepts and terminology • Key task analysing how a film poster uses media language to create meaning for the audience • Key task analysing how issues of representation are presented in a media text
Resources	<ul style="list-style-type: none"> • Pupil in-class resources and handouts • Resources uploaded to google classroom • Seneca GCSE Media Studies learning resources <p>https://app.senecalearning.com/classroom/course/7bfa17fa-b6f3-4aee-9478-94e880675c42/section/7a247016-2bc2-4fe4-890f-1508bf57d522/session</p> <ul style="list-style-type: none"> • GCSE Bitesize <p>https://www.bbc.co.uk/bitesize/subjects/ztnyvk7</p>
WBQ	
Topic Overview	<p>Enterprise and Employability challenge skills preparation.</p> <p>Pupils to work in groups and design a game for a tourist attraction.</p>

Assessed Tasks	<p>The challenge will be completed in lessons and is worth 20% of final mark for the skills certificate.</p> <p>Work will be completed by end of May 2021</p>
Resources	<p>http://www.wjec.co.uk/qualifications/welsh-baccalaureate/welsh-bacc-from-2015/ks4-national-foundation/</p> <p>Resources in Google Classrooms</p> <p>Classroom code is: fbg5kzg</p>
Business	
Topic Overview	<p>Why do businesses exist?</p> <p>Mission statements and SMART objectives</p> <p>Stakeholders</p> <p>Enterprise and entrepreneurs</p> <p>Production function within a business (production methods, quality control, new technology)</p> <p>Breakeven analysis</p>
Assessed Tasks	<p>Homework set in relation to topics studied</p> <p>End of unit assessment (end of November/start of December)</p>
Resources	<p>http://www.bbc.co.uk/news/business</p> <p>Dragons Den</p> <p>The Apprentice</p> <p>You tube</p>