Year 9 Autumn Term Curriculum Plan 1

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 two methods: Gmail or Teams. The gmail 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. Pupils will also be given a HWB email address.

**HWB Teams**

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

To access HWB Teams students should:



**Year Group Contact Details**

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| **Head of Progress** | Mr Foley | 2024@ypant.co.uk |
| **Assistant Head of Progress** | Miss Hodnett |
| **Senior Leadership Link** | Mr Kuck |

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| **Year 9 English** |
| **Topic Overview** | Pupils are studying the ‘Dystopian Genre’ in the autumn term. Pupils will explore the genre and develop their reading, writing and oracy skills.. A significant focus is being placed on developing reading and literacy. |
| **Assessed****Tasks** | The key tasks include writing a description of a dystopian setting, analysing how a dystopian atmosphere is created in an extract from ‘The Hunger Games’ and a group discussion exploring a motion under the dystopian topic.  |
| **Resources** | Dystopia reading booklet. Literacy booklet. |
| **Year 9 Maths** |
| **Topic Overview** | **Sets 1 and 2****Chapter 1 - Pythagoras’ Theorem*** Calculating the length of the Hypotenuse
* Calculating the shorter side
* Problems involving Pythagoras’ Theorem

**Chapter 2 - Circles*** Calculating Circumference and Area of a Circle
* Compound Shapes involving parts of circles

**Chapter 3 - Formulas*** Substituting into Formulas
* Patterns
* Nth term (Linear)
* Nth term (Quadratic)

**Set 3****Chapter 2 - Formulas*** Substituting into Formulas
* Writing Formulas
* Patterns and Formulas
* Nth term (Linear)
* Indices - Calculation and Properties

**Chapter 3 - Circles*** Calculating Circumference and Area of a Circle
* Problems involving circles

**Chapter 4 - Statistics*** Use of Data - Tally charts and Bar Charts
* Averages - Mean, Mode and Median
* Range
* Mean of Grouped Data

**Chapter 5 - Accuracy*** Rounding - Decimal Places
* Rounding - Significant Figures
* Estimating and Rounding
* Multiplying and Dividing by numbers less than 1
* Upper and Lower Bounds

**Sets 4 and 5****Chapter 1 - Area*** Counting Squares and Estimating Areas
* Combinations of Area
* Area of Rectangles, Parallelograms and Triangles

**Chapter 2 - Number Work*** Addition and Multiplication
* Subtraction and Division
* Long Multiplication and Long Division

**Chapter 3 - Symmetry*** Line Symmetry
* Rotational Symmetry

**Chapter 4 - Statistics*** Pictograms and Bar Charts
* Tally tables and Grouped Data
* Pie-Charts
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| **Assessed Tasks** | Ksy Task End of ½ Term Assessment |
| **Resources** | Use of the relevant sections of the text booksUse of MyMaths[www.mymaths.co.uk](http://www.mymaths.co.uk)Username: ypantPassword: hexagonCorbett maths Website: [www.corbettmaths.co.uk](http://www.corbettmaths.co.uk) BBC Bitesize websiteLook at your Teams page set up by your teacher for further instructions if needed.  |
| **Year 9 Biology** |
| **Topic Overview** | **Balanced Diet -**ex[ploring classes of food and balanced diet, investigating the energy content of food, completion of percentage change equations and BMI calculations and investigating food tests. |
| **Assessed Tasks** | **Balanced diet assessed homework** |
| **Resources** | School produced bookletsHomework set via Teams / SIMS Home Learning: Microsoft team - A team has been created for each class and this will be managed by individual class teachers. Check Teams for scheduled virtual lessons (this may not always be appropriate). GCSE Bitesize - Key Stage 3/4 |
| **Year 9 Chemistry** |
| **Topic Overview** | Chemical reactions 1 booklet: Formulae, balancing equations and definitions. Types of reaction i.e. Exo and Endothermic; Fermentation; Reduction; Oxidation; Metals and acid. 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.Note that 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). GCSE DA/TA 2. Density, Heat Transfer and Heat Loss in Homes: Density, Conduction, Convection and Radiation, Heat Loss In Homes and Insulation, Payback Time.Skills include: Numeracy, Literacy, Communication and Practical Skills, along with revision skills. |
| **Assessed Tasks** | GCSE DA/TA 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. Note: Separate Science Pupils will also do an additional Assessed Homework and End of Topic Test on Waves and Earthquakes. GCSE DA/TA 2. 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.  |
| **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-RevisionBook-2018.pdf>.Teams Groups set up for each class. |
| **Year 9 Art** |
| **Topic Overview** | Introduction to GCSE Art:Art Foundation skills. Direct observation studies in a range of media exploring ‘Structure’. |
| **Assessed Tasks** | Ongoing assessment of practical Portfolio. The Portfolio is made up of classwork and homework tasks. |
| **Resources** | SketchbookRange of drawing materialsMuseum / Gallery websitesTeams classrooms (students signed up to class teams JAG: afpuwrd SNH:d9b5opt )[GCSE Art and Design - BBC Bitesize](https://www.bbc.co.uk/bitesize/subjects/z6hs34j)[GCSE Art and Design (wjec.co.uk)](https://www.wjec.co.uk/qualifications/art-and-design-gcse#tab_overview) |
| **Year 9 Business** |
| **Topic Overview** | **Business activity*** Entrepreneurs
* Business aims and objectives
* Methods of production
* Quality
* Location
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| **Assessed Tasks** | Key assessment at end of November |
| **Resources** | Powerpoints used in lessons<https://www.bbc.co.uk/bitesize/examspecs/zv8gvk7>https://www.wjec.co.uk/qualifications/business-gcse/#tab\_overview |
| **Year 9 Drama** |
| **Topic Overview** | **Introduction to GCSE - Key Skills (w1 - w3)*** To identify the key skills within Drama Performance.
* To collaborate and devise within a group.
* To utilise performance space and stimulus in performance.

**Unit 1 - Physical Theatre Devising (w3 - w7)*** To develop a knowledge of the style of Physical Theatre
* To apply physical skills in the creation of devised drama.
* To produce theatre in the style of: Pina Bausch, Frantic Assembly
* To collaborate, plan and direct within devising and rehearsal.
 |
| **Assessed Tasks** | * Physical Theatre Research Project
* Pina Bausch: Performance and Evaluation
 |
| **Resources** | Year 9 Drama Performance Booklet Y9 Vocab BookletTEAMS - Students signed up to individual Teams. Access to Dramaonlinelibrary.com |
| **Year 9 Food and Nutrition** |
| **Topic Overview** | Factors affecting food choice, Microorganisms and food poisoning, cereals & basic practical skills  |
| **Assessed Tasks** | * Cereals test
* Bread making practical
 |
| **Resources** | c2c2jwk - Teams code |
| **Year 9 Geography** |
| **Topic Overview** | **Core Theme One:**Landscapes and Physical ProcessesKey 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**Options Theme Four Coastal Hazards and their Management** Key idea 4.1 Vulnerable Coastlines Key Idea 4.2 Managing Coastal Hazards |
| **Assessed Tasks** | Past paper questions (ongoing)End of Topic tests: Distinctive Landscapes, River Landscapes and Coastal Landscapes and Hazards  |
| **Resources** | **Core Theme One:** Landscapes and Physical Processes - Booklet(s) - Theme 1: Distinctive LandscapesStudents need to access Microsoft Teams (they will have been added by their teacher) to access resources (use code **Chwapfb** if there are any issues**)**All resources and tasks will be uploaded in lesson order as per the exam specification. Powerpoints will contain tasks and useful web links e.g videos and reading material.The WJEC revision guide may be useful: “My Revision Notes: WJEC GCSE Geography” and websites such as BBC Bitesize for WJEC (as resources are tailored to our Welsh exam board):<https://www.bbc.co.uk/bitesize/examspecs/zs8k4qt>https://www.hoddereducation.co.uk/subjects/geography/products/14-16/my-revision-notes-wjec-gcsegeography |
| **Year 9 History** |
| **Topic Overview** | **Medicine through time, c1340- to the Present day**Medieval and Early Modern medicine 1340- 1750Thematic topics:* Advances in medical knowledge
* Causes of illness and disease
* Attempts to prevent and cure illness and disease
* Attempts to treat illness and disease
* Developments in patient care
* Developments in public health
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| **Assessed Tasks** | Practice exam questions from Medieval and Early Modern booklet.End of module mock exam on this period Q1, Q3-6. |
| **Resources** | School produced knowledge booklet (blue cover)Exam questions booklet (white cover)Youtube - Medicine through time channel <https://www.youtube.com/watch?v=nVJV8iEAm88>Powerpoints uploaded to teams.**Teams Codes- Teams will be set up for each class.**MR SWEET- 9C- aidwv41Miss Hodnett- 9A- h6u8aacMiss Hodnett/ Mr Jones- 9D -vkm2w2d |
| **Year 9 Digital Technology**  |
| **Topic Overview** | Unit 1 - Data BookletUnit 2- Practice with Adobe Dreamweaver and Adobe Animate- tutorial built into software which is available to all Digital Technology pupils through Hwb. |
| **Assessed Tasks** | Test It- section of Data booklet assessed by teacher |
| **Resources** | Booklet given to pupils for Unit 1- Uploaded onto class team<https://www.wjec.co.uk/qualifications/digital-technology-gcse/?sub_nav_level=course-materials#tab_resources> |
| **Year 9 Computer Science**  |
| **Topic Overview** | Unit 1- HardwareUnit 2- Practical Programming skills in Python (Python software will be needed for this) |
| **Assessed Tasks** | Unit 1 test at half term on Hardware |
| **Resources** | Notes in folderNotes on teams (Unit 1)<https://www.w3resource.com/python-exercises/> - Python programming practice |
| **Year 9 Music** |
| **Topic Overview** | **Unit 3 - Appraisal****‘Riptide’** **Unit 2 - Song Writing** **‘Pop’** |
| **Assessed Tasks** | Appraisal tasks and U3 Mocks for RiptideFree comp linked to pop style. |
| **Resources** | **All resources and work available on TEAMS.** |
| **Year 9 Life Skills** |
| **Topic Overview** | Unit 1 Equality and Diversity in Society parts 1 - 5. 1. Understanding equality
2. Understanding diversity
3. Stereotyping and labelling
4. Prejudice and discrimination
5. Describing yourself
 |
| **Assessed Tasks** | Use the green class booklet (Unit 1 Equality and Diversity in Society booklet) and the PowerPoints to complete the assessment questions in the assessment booklet as instructed. If pupils do not have this then they need to complete the work on paper and give it to their teacher when they return or complete it electronically and email it to them. |
| **Resources** | All available on Teams - Year 9 Life Skills Resources. Code to join is cqw4yg0. Some classes may have individual class pages as well.  |
| **Year 9 Sport** |
| **Topic Overview** | Introduction to Unit 1 topic - ***Improving Sporting Performance*** |
| **Assessed Tasks** | Booklet questionsKey Task |
| **Resources** | School produced booklet - UNIT 1Homework set via Teams - each class has their own.Home Learning: Microsoft teams - A team has been created for each class and this will be managed by individual class teachers. GCSE Bitesize - Key Stage 3/4; WJEC - Physical Education |
| **Year 9 GCSE P.E** |
| **Topic Overview** | Unit 1a - Health & LifestylesStudents will learn of the benefits to exercise and physical activity on well being and health.Students will learn the risks to health associated with leading a sedentary lifestyle. |
| **Assessed Tasks** | **Key task - benefits of exercise;****Booklet topic questions****End of topic test** |
| **Resources** | School produced booklets - 1aHomework set via Teams - each class has their own.Home Learning: Microsoft teams - A team has been created for each class and this will be managed by individual class teachers. GCSE Bitesize - Key Stage 3/4; WJEC - Physical Education |
| **Year 9 Religion, Ethics and Philosophy** |
| **Topic Overview** | **Judaism Core Beliefs and Practices:** * Jewish beliefs about God
* The Shema Prayer
* The Synagogue
* Items worn for worship
* Rabbi
* Shabbat
* Worship
* Kosher / Kashrut
 |
| **Assessed Tasks** | * Reading Assessment
* Practice exam questions
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| **Resources** | * Judaism booklet
* Teams
* BBC Bitesize - Key Stage 4 - Judaism
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| **Year 9 French** |
| **Topic Overview** | Grammar -Present tense.. Plurals, Comparatives & Superlatives, AdjectivesTopic work- Ma famille et moi |
| **Assessed Tasks** | Vocab Tests, Grammar Tests. Key Tasks- Oral questions and Extended writing  |
| **Resources** | Grammar 1 Booklet. Ma famille et moi booklet |
| **Year 9 Welsh** |
| **Topic Overview** | Healthy living - Food, likes & dislikes, healthy & unhealthy food, keeping fit |
| **Assessed Tasks** | Key task - Writing (Advice on Healthy Living)Key task - Comprehension |
| **Resources** |  All resources and PowerPoints will be uploaded to Teams at the beginning of each week. A team has been created for each class and this will be managed by individual class teachers.Additional resources:www.s4c.cymru/clic(Catch-up TV)www.geiriadur.net (dictionary)Download ‘Ap Geiriaduron’ - free dictionary app to your phone or tablet for instant translation of words. |
|  **Year 9 Construction** |
| **Topic Overview** | Wood Joint Project |
| **Assessed Tasks** | Frame manufacture with a variety of carpentry woodwork joints. |
| **Resources** | In class activities.Construction Booklet.Class TEAMS assignments. |
|  **Year 9 Engineering** |
| **Topic Overview** | Practical Task - Bottle Biter |
| **Assessed Tasks** | Workshop skills and accuracy - Metal File, Scribe, hack saw, pillar drill, forge. |
| **Resources** | Work on TEAMS.In - class activities.Engineering booklet. |
|  **Year 9 Product Design** |
| **Topic Overview** | Core KnowledgeDesign skills |
| **Assessed Tasks** | Isometric Drawing - Key Task |
| **Resources** | Core knowledge bookletSketching, Modelling bookletTEAMS assignments  |
|  **Year 9 Health, Social and Childcare** |
| **Topic Overview** | Introduction to life stages, Physical development throughout the life stages, Intellectual development  |
| **Assessed Tasks** | * Puberty key task
* End of unit test
 |
| **Resources** | khu8fcp - Teams code (for both Mrs Lewis & Miss Knights classes)  |
|  **Year 9 Textiles** |
| **Topic Overview** | Printmaking |
| **Assessed Tasks** |  |
| **Resources** | Isolation packsTeam code - t8d4pqv |
|  **Year 9 Welsh baccalaureate** |
| **Topic Overview** | Enterprise and Employability skills booklet.The Enterprise and Employability Challenge is **the learner's opportunity to develop the creativity and innovation skills needed to become an entrepreneur**. The Enterprise and Employability Challenge provides learners with an opportunity to develop important team working skills. Year 9 develops the skills for learners to be able to complete the Enterprise and Employability Challenge in year 10. |
| **Assessed Tasks** | **Teacher assessment 1** - assessment of the skills audit and plan for improvement.**Teacher assessment 2** - assessment of ideas generated for chosen brief and understanding of the factors involved in developing a business proposal**Teacher assessment 3** - assessment of personal reflection on the task completed. |
| **Resources** | Booklet provided at the start of year 9.Google classrooms for each individual group. |

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|  **Year 9 Media Studies** |
| **Topic Overview** | What is Media Studies? - Introduction to the subject, exploring aspects of media language in print and audio visual texts |
| **Assessed Tasks** | Key Task - Analyse how media language creates meaning for the audience in a print text |
| **Resources** | Unit booklet - hard copy and uploaded on TeamsUse youtube and studio binder for explanation videos to help you learn and explore new knowledgeContinue consuming media texts to increase your media knowledge, especially television and film. |