

YEAR 10
HOME LEARNING SUMMARY SPRING TERM
MONDAY 10TH JANUARY TO FRIDAY 18TH FEBRUARY
Dream. Reach. Achieve.

SUBJECT	TOPIC /LEARNING HIGHLIGHTS	RESOURCES	EXTENSION
GCSE ENGLISH			
ENGLISH LANGUAGE	Pupils are currently not studying this GCSE.	Pupils are currently not studying this GCSE.	
ENGLISH LITERATURE	Poetry NEA – Required Coursework worth 20% of their final grade. Shakespeare NEA (“Romeo and Juliet”)	Analysis work for both poems. Recap of basic techniques. Comparison and research tasks. Power point presentations and resources/links on Google Classroom. Class code: i4i4qte	Extension tasks are also included on the learning plan.
GCSE MATHEMATICS			
MATHEMATICS	Topics bespoke to each tier to prepare pupils for their next mock paper. Adapted LP uploaded to GC.	Lessons on GC in sequential order. Maths Watch assignments set. Additional Resources from GWE Mathematics, Corbett Maths and Oak Academy.	Incorporated in the lessons.
NUMERACY	Topics bespoke to each tier to prepare pupils for their next mock paper. Adapted LP uploaded to GC.	Lessons on GC in sequential order. Maths Watch assignments set. Additional Resources from GWE Mathematics, Corbett Maths and Oak Academy.	Incorporated in the lessons.
GCSE SEPARATE SCIENCE			
BIOLOGY	Heart & The Circulatory System (until Feb 4 th) <ul style="list-style-type: none"> • Structure of heart • Blood • Blood Vessels • Heart Attacks Plants & Photosynthesis (from Feb 7 th) <ul style="list-style-type: none"> • What is photosynthesis • Measuring photosynthesis • Limiting factors • Plants and glucose 	All materials for lessons in class will be posted on the Class Notebook on Teams. Materials for home learning are on the learning plan and will be posted as assignments for pupils not in school.	Extension materials will be posted on Teams. Additional past paper questions will be available. These, plus any revision notes etc can be emailed to Mr P for checking.
CHEMISTRY	Mrs Ffoulkes 2.3 - Water (10 th Jan – 28 th Jan) <ul style="list-style-type: none"> • Cleaning water • Desalination • Distillation • Hard and Soft Water • Solubility Curves • Saving water 	Materials for home learning will be posted on Google Classroom. Refer to the learning plan which contains links for each lesson to Oak academy or BBC bitesize.	Exam questions are available to complete via Tanio links.
PHYSICS	1.7 Seismic Waves 1.8 Kinetic Theory	Learning Plans– Uploaded to Teams – Look in the Class Notebook Oak Academy – See links in Learning Plan Knowledge Organiser – Uploaded to Teams – Look in the Class Notebook Practice Exam Questions – Uploaded to Teams Homework Assignments on Seneca – Uploaded to Teams following the appropriate lesson. BBC Bitesize – See links in Learning Plan	WJEC Blended Learning Materials https://d3kp6tphcrvm0s.cloudfront.net/e121-22_3-12 https://d3kp6tphcrvm0s.cloudfront.net/e121-22_3-13

GCSE DOUBLE SCIENCE

BIOLOGY	<p>Mr Prebble's Class: Heart & The Circulatory System (until Feb 4th)</p> <ul style="list-style-type: none"> Structure of heart Blood Blood Vessels Heart Attacks <p>Plants & Photosynthesis (from Feb 7th)</p> <ul style="list-style-type: none"> What is photosynthesis Measuring photosynthesis Limiting factors Plants and glucose <p>Miss Kipping: Respiration and the Respiratory System.</p> <ul style="list-style-type: none"> Parts and function of the Respiratory System. Aerobic and Anaerobic Respiration. Adaptations of alveoli Impact of smoking on the Respiratory System. 	<p>All materials for lessons in class will be posted on the Class Notebook on Teams.</p> <p>Materials for home learning are on the learning plan and will be posted as assignments for pupils not in school.</p> <p>Learning Plan 1.2 Respiration and the Respiratory System. Complete Oak Academy Lessons identified in Home Learning section in learning plan. Complete worksheets identified on learning plan. All resources on Google classroom.</p>	<p>Extension materials will be posted on Teams.</p> <p>Additional past paper questions will be available. These, plus any revision notes etc can be emailed to Mr P for checking.</p> <p>Modelling an asthma attack – see worksheet on Google Classroom.</p>
CHEMISTRY	<p>Miss Emberson: 2.3 Water from lesson 5 (10th Jan – 27th Jan)</p> <ul style="list-style-type: none"> Cleaning water Desalination Distillation Hard and Soft Water Solubility Curves Saving water <p>2.4 Earth (28th Jan – 18th Feb)</p> <ul style="list-style-type: none"> Structure of Earth Plate Tectonics Earth's Atmosphere <p>Mrs Ffoulkes 2.3 - Water (10th Jan – 18th Feb)</p> <ul style="list-style-type: none"> Cleaning water Desalination Distillation Hard and Soft Water Solubility Curves Saving water 	<p>In Google classroom under 2.3 Water there's a succinct knowledge organiser (information sheet) and learning plan which contains relevant links for each lesson to either Oak academy or BBC bitesize webpages.</p> <p>In Google classroom under 2.4 Earth there's a succinct knowledge organiser (information sheet) and learning plan which contains relevant links for each lesson to either Oak academy or BBC bitesize webpages.</p> <p>Materials for home learning will be posted on Google Classroom. Refer to the learning plan which contains links for each lesson to Oak academy or BBC bitesize.</p>	<p>Exam questions are available to complete via Tanio links.</p> <p>Exam questions are available to complete via Tanio links.</p> <p>Exam questions are available to complete via Tanio links.</p>
PHYSICS	<p>3.5 Features of Waves</p>	<p>In GC check topic 3.5. Features of Waves See Learning Plan with links to Oaks Academy lessons and BBC Bitesize Also see JPG files in section titled "Text Book Pages" See help Powerpoints titled "Tanio"</p>	<p>Log into Bitesize and/or Seneca and complete activities in "Waves" sections to support and check learning.</p> <p>WJEC Blended Learning Materials https://d3kp6tphcrvm0s.cloudfront.net/el21-22_3-10</p> <p>BBC Bite Size: https://www.bbc.co.uk/bitesize/guides/zc62tv4/revision/1</p>
GCSE INFORMATION TECHNOLOGY	<p>Unit 2 – Digital Practices NEA (Controlled Assessment)</p>	<p>Learning Plan 3 – Continuing Unit 2 Digital Practices NEA. To be completed within the classroom (WJEC regulations do not permit any of this work to be completed outside the classroom setting)</p> <p>Alternative work for home learning will be set via Google Classroom on Unit 1 Theory topics:</p> <p>Knowledge Organisers – Uploaded to Google Classroom. Link to all KO: https://resources.wjec.co.uk/Pages/ResourceSingle.aspx?rId=4831</p> <p>Practice Exam Questions – Will be uploaded to Google Classroom</p>	

GCSE BUSINESS STUDIES	Unit 3 – Business Operations	<p>Learning Plan 3 – Business Operations All materials for lessons in class will be posted on Google Classroom.</p> <p>Knowledge Organiser – Uploaded to Google Classroom.</p> <p>Practice Exam Questions – Uploaded to Google Classroom</p> <p>Twoteachers.co.uk (specific links to topics within this unit will be provided in learning plan/via specific lessons on Google Classroom) https://www.twoteachers.co.uk/freebusinessstudiesresources</p> <p>WJEC theory workbook for Unit 3 provided on Google Classroom</p> <p>Homework assignments on Seneca/ GCSE Pod– links will be provided via learning plan & individual lessons on google classroom.</p>	<p>WJEC Blended Learning Materials https://resources.wjec.co.uk/Pages/ResourceSingle.aspx?rId=4589</p> <p>BBC Bitesize https://www.bbc.co.uk/bitesize/topics/zdpfb9q</p>
GCSE GEOGRAPHY	Theme 2 – Global Cities. Retail Change.	Powerpoint presentations uploaded to google classroom.	<p>Enquiry questions.</p> <p>How does Cardiff’s growth compare to that of Mumbai?</p>
GCSE HISTORY	<p>Punishment To be able to identify problems and solutions with prisons in 19th century.</p> <p>To be able to explain the significance of the prison reformers</p>	<p>Silent and separate system Describe the strengths and weaknesses of the separate / silent systems. Extension - Reach a judgement about the effectiveness of these systems</p> <p>Prison Reformers: Complete the comprehension tasks on Prison Reform. Complete the table on prison reformers. •Elizabeth Fry •GO Paul •John Howard Extension – Decide which was the most effective reformer</p> <p>Silent and Separate system The separate and silent systems - Attitudes to punishment – WJEC - GCSE History Revision - WJEC - BBC Bitesize Prison reformers The need for prison reform - Methods of punishment – WJEC - GCSE History Revision - WJEC - BBC Bitesize</p>	
EQUALITY AND DIVERSITY	<p>Unit 1 Equality & Diversity</p> <p>Argored Cymru Equality & Diversity</p>	Both units are on Google Classroom and both have Helpful Hints Slides to assist completion.	To start Unit 2 Equality & Diversity
SKILLS CHALLENGE	Global Challenge	Exemplars/Scaffolding and PowerPoint guides all on Google Classroom	To start the Enterprise & Employability Challenge
GCSE WELSH	Bwyta’n Iach a Chadw’n Heini <i>Healthy Eating and Keeping Fit</i>	Resource WJEC Educational Resources Website	Ffug-arholliad Uned 1 Unit 1 mock exam
GCSE SPANISH	<p>Donde vivo (where I live)</p> <ul style="list-style-type: none"> • Describing local area • Hay & Había • Es & está • Amenities • Attractions • Geography 	<p>Powerpoints</p> <p>Sentence Builders on Word</p> <p>Vocab acquisition tasks on Wordwall and Languagesonline.org.uk</p> <p>Listening tasks</p> <p>Links to relevant GCSEPods</p>	<p>Extension tasks and impressive structures will be clearly signposted as they arise.</p> <p>Gold/Reach writing tasks will require longer, more detailed responses.</p>
GCSE ART	<p>Unit 1: Develop GCSE Art Portfolio considering chosen style and artist. Bespoke work is set on GC.</p> <p>Critical study</p>	<p>Everything needed will be available on Google Classroom under assignments.</p> <p>Refer to ‘A Basic Design Process you will use in GCSE Art’ (a copy can be found on Google Classroom)</p> <p>Complete another critical study- template on GC</p>	<p>Bespoke tasks set based on CW requirements- see feedback on GC</p> <p>GCSE Art and Design https://www.bbc.co.uk/bitesize/subjects/z6hs34j</p>

GCSE MUSIC	<p>Building Up</p> <p>Major, minor scales and chords, intervals, simple and compound time signatures, elements of music.</p>	<p>All materials (presentations, videos, audio) and Learning Plan are under the 'Course' section.</p> <p>An electronic copy of the booklet used in class is also included.</p>	<p>Challenge tasks will be incorporated into the booklets. Any extra ones will be added to Google Classroom as the weeks unfold.</p> <p>See also revision section.</p> <p>WJEC knowledge organisers: Set works https://resources.wjec.co.uk/pages/ResourceSingle.aspx?rId=3361</p>
GCSE DANCE	<p>Artificial Things (workbook on GC)</p> <p>Motif Development</p>	<p>Artificial Things - YouTube Artificial things, an interview with Lucy Bennett - YouTube Motif development GCSE Dance AQA - YouTube</p> <ul style="list-style-type: none"> - Video transcript work sheet - Full assessment booklet - Motif Development power point 	<p>Arts Pool Revision (Quizzes) All pupils have individual login for Arts Pool App</p> <p>Task 1: Health and safety of a Dancer</p> <p>Task 2: Key Vocabulary</p> <p>Task 3: Choreographic Devices</p>
GCSE PE	<p>Unit 1: Introduction to Physical Education</p>	<p>Using the following link. Go through each of the topic areas and answer the online test at the end.</p> <p>GCSE Physical Education - WJEC - BBC Bitesize</p> <ol style="list-style-type: none"> 1: Health, training and exercise 2. Exercise physiology 3. Movement analysis 4. Psychology of sport and physical activity 5. Socio-cultural issues in sport and physical activity. 	<p>Complete extended writing questions I the google classroom booklet.</p>