

# Year 10 Home Learning - 23 March to 3 April

This document is designed to provide some advice and guidance for families in the event of school closures. We know that you will be anxious about your sons and daughters missing lessons. We want to ensure that all students have access to appropriate learning activities, but we are also aware that, in the current climate, there is a huge amount of information being shared and that this in itself can be overwhelming for both pupils and parents. This document will hopefully provide an easy reference guide and starting point to support you at this time.

## **Planning Learning Activities**

Over the page, each department has provided some suggested activities for pupils to undertake, as well as details of resources which can provide further learning opportunities. Obviously every family will be experiencing a different set of individual circumstances which may impact on students' ability to engage in school work. We understand this, but if schools do have to close for a period of time, and your son or daughter is well, it may be useful to consider establishing a schedule of activities in order to maintain some sense of normality and structure. We would suggest establishing three activities per day of no more than approximately 45 minutes. We would also encourage pupils to use any extra free time they have to read, to take exercise and to take some time to relax.

The details included here will provide a starting point. If necessary, we will update this information with further suggestions and resources. If possible, please keep in touch with school electronically and via social media. Follow us on twitter @ypantschool and use the school website www.ypant.co.uk

#### **Communication Tools**

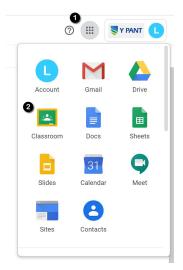
Teachers will be sending activities home for pupils using one of three methods: MILK (our existing homework app), Gmail or Google Classroom. All pupils have a Gmail address which allows them to access Google Classroom. The address is their 6 digit user number @ypant.co.uk and the password will be the 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 1
- By clicking this, students can access the full range of Google Suite for Education services including Google Classroom.
- 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.



#### **Year Group Contact Details**

Head of Progress	Dr N. Caulfield	
Assistant Head of Progress	Mr M. Thomas	2021@ypant.co.uk
Senior Leadership Link	Mr J. Kuck	



	Year 10 English
Activity 1	Create a revision page on The Inspector from An Inspector Calls with key quotes from the play.
Activity 2	Choose one extract question from the work set on Google Classroom and complete it in 20 minutes. Submit it to your teacher.
Activity 3	Watch the original version of An Inspector Calls this week using the following link on YouTube <a href="https://www.youtube.com/watch?v=yuHvGPpq8TM&amp;t=1213s">https://www.youtube.com/watch?v=yuHvGPpq8TM&amp;t=1213s</a>
Resources	Pupils should begin revising their Unit 1 Literature texts (either To Kill a Mockingbird or Of Mice and Men) using a range of popular revision guides and apps: York Notes for GCSE (paid app and guides) LitCharts (free app) GCSE Bitesize
Contact	Email: Head of English - Mrs J. Dyson <u>jen.dyson@ypant.co.uk</u> Twitter: @YPantEnglish
	Year 10 Maths
Activity 1	10( Set 1) - Mensuration of Solids Exercise 16.4 of Higher Tier textbook.
	10 (Set 2) - Solving Quadratic Equations by Factorising - Exercise 8:10 (Page 201) - Uploaded to Google Classroom.  Watch this clip <a href="https://youtu.be/wJ_tleweei8">https://youtu.be/wJ_tleweei8</a> and complete work set on google classroom.
	10X3 - Finding circumference given diameter or radius - Exercise 17:1 - All questions Classwork set via google classroom by Mrs Cranstone
	10Y3 - Factorising single brackets (lesson and worksheets sent via google classroom)
	10 (Sets 4 & 5) - Probability - Single Events - Equally Likely Outcomes - Pages 45 - 58 (page numbers at the bottom of the page). Booklet on Google Classroom.  Set 10Y4 access via ref: 23hpf2a
Activity 2	10( Set 1) - <a href="https://keshgcsemaths.files.wordpress.com/2013/11/106">https://keshgcsemaths.files.wordpress.com/2013/11/106</a> spheres-and-cones.pdf Complete these questions and self mark using the solutions on Kesh Maths. <a href="https://www.youtube.com/watch?v=tt4RT19KXHE">https://www.youtube.com/watch?v=tt4RT19KXHE</a> You may wish to watch the attached video before you complete the questions.  All questions also uploaded to Google Classroom.
	10 (Set 2) - The Quadratic Formula - Exercise 8:11 - Page 203 - Uploaded to Google Classroom.  Watch this clip <a href="https://youtu.be/3J0ccr74LcU">https://youtu.be/3J0ccr74LcU</a> and complete booklet on Google Classroom.
	10X3 - Finding radius and/or diameter given circumference - exercise 17:2 - all questions Classwork set via google classroom by Mrs Cranstone
	10Y3 - Factorising quadratics (lesson and worksheets sent via google classroom)
	10 (Sets 4 & 5) - Probability - Sample Space Diagrams - Pages - 59 - 71 (page numbers at the bottom of the page). Booklet on Google Classroom. <i>Set 10Y4 access via ref: 23hpf2a</i>
Activity 3	10( Set 1) - Complete Exercises on spheres and cones (on Google Classroom)
	10 (Set 2) - Complete Key Task 4 - (Uploaded onto Google Classroom)



	10X3 - § Perimeters involving circular arcs - exercise 17:3 and 17:4		
	Classwork set via google classroom by Mrs Cranstone		
	10Y3 - Complete end of half term test (available via google classroom)		
	10 (Sets 4 & 5) - Simple Venn Diagrams - Workbooks and Questions - Uploaded to Google Classroom. Set 10Y4 access via ref: 23hpf2a		
Resources	Key Maths Text books (these can be accessed on google classroom if you don't have one)		
	My Maths <a href="https://login.mymaths.co.uk/">https://login.mymaths.co.uk/</a> username: ypant password: hexagon		
	Google Classroom - Use the resources uploaded by your teacher.		
	Corbett maths <a href="https://corbettmaths.com/contents/">https://corbettmaths.com/contents/</a>		
Contact	Email: Head of Maths - Mr R. Fisher <u>ray.fisher@ypant.co.uk</u> Twitter: @maths_y		
	Year 10 Biology		
Activities and Advice	Please visit Google Classroom for instructions and resources. At least for the first fortnight, individual class teachers will provide work for their classes only as classes have reached different points on the specification and are being prepared for different examinations.		
Other Resources	BBC Bitesize - look for resources linked specifically to WJEC specifications <a href="https://www.tanio.cymru">www.tanio.cymru</a> (bilingual resources for WJEC) Opt for English version obviously.		
Contact	Email: Head of Biology - Mrs E. Mitchell <u>liz.mitchell@ypant.co.uk</u>		
	Year 10 Chemistry		
Activity 1	Your individual teacher will contact you directly via google classrooms, gmail or MILK, with specific instructions that are tailored to your class.		
Activity 2 (Triple Science)	Your individual teacher will contact you directly via google classrooms, gmail or MILK, with specific instructions that are tailored to your class.		
Resources	Use your chemistry class booklet. Any other resources will be emailed to you or available on google classrooms. Please note you do not have to print anything out, as all new resources can be completed on paper.		
Contact	Email: Head of Chemistry - Dr. S. Ford <u>susan.ford@ypant.co.uk</u>		
	Year 10 Physics		
Activities and Advice	Please visit Google Classroom for instructions and resources. At least for the first fortnight, individual class teachers will provide work for their classes only as classes have reached different points on the specification and are being prepared for different examinations.		
Other Resources	BBC Bitesize - look for resources linked specifically to WJEC specifications <a href="https://www.tanio.cymru">www.tanio.cymru</a> (bilingual resources for WJEC) Opt for English version obviously.		
Contact	Email: Head of Physics - Mr A. Gardner <u>andy.gardner@ypant.co.uk</u>		
	Year 10 Art		



Activities and Advice	Please visit Google Classroom for instructions and resources. At least for the first fortnight, individual class teachers will provide work for their individual classes as teaching groups are working on different final outcomes (3d / Print).
Resources	Google Classroom. Your teacher has sent codes via Milk / Gmail. Google Artist research / imagery search
Contact	Email: Head of Art - Mrs J. Gold <u>jo.gold@ypant.co.uk</u>
	Year 10 Business
Activity 1	Recruitment and selection questions.
Activity 2	Interview two people about training. Complete activity about the use of robots in Amazon.
Resources	All relevant resources have been posted in Google Classrooms
Contact	Email: Head of Business - Ms J. Gavaghan <u>jayne.gavaghan@ypant.co.uk</u>
	Year 10 Computer Science
Activity 1	All work will be theory based as controlled assessment has to be done in the classroom.
	You will require any word-processing package and access to the Internet.
	Create a report that covers the following areas about Network security :-
	<ul> <li>What are the main dangers to networks</li> <li>What can we do to protect networks (eg have a firewall, have strong usernames and passwords etc)</li> </ul>
Activity 2	System Software
	-What is an operating system?
	-Give two examples of operating systems that can be used?
	-One of the main roles of the operating system is to manage resources. Create a mind map that sums up how the following resources are managed by the operating system:-
	<ul> <li>Manage input and output devices</li> <li>Manages printing using spooling</li> </ul>
İ	Manages memory (RAM)
	<ul><li>Manages backing store</li><li>Manages processes</li></ul>
	Manages Security
Resources	Task 1:- https://www.bbc.co.uk/bitesize/guides/zi89dxs/revision/1 Task 2:- https://www.bbc.co.uk/bitesize/guides/zmgw7p3/revision/1
Contact	Email: Head of ICT & Computing - Mrs K. Davey <u>kath.davey@ypant.co.uk</u> Twitter: @YPantICT
	Year 10 Construction
Activity 1	All students have been sent the cover work via gmail, also milk was updated that work has been sent to students. They must complete the PowerPoint activities based around wood joints. this will prepare them for their coursework next year.
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Activity 2		
Resources	Technology student.com resistant materials/woodjoints	
Contact	Email: Mr C Beckett craig.beckett@ypant.co.uk	
	Year 10 Drama	
Activity 1	Continue to work on your script development. You have a deadline for this but ensure that you continue to research and collaborate even once April 2nd has finished.	
Activity 2	Complete pages 2 to 7 of Romeo and Juliet Revision Booklet.	
Resources	Google Classroom - Collaborative Script/Revision Booklet	
Contact	Email: Head of Drama - Ms L Roberts <u>lauren.roberts@ypant.co.uk</u> Twitter: @ypantdramadep	
	Year 10 Engineering	
Activity 1	Complete the activity based on dismantling products.	
Activity 2		
Resources	Work has been posted on google classrooms along with a powerpoint to help guide your research.	
Contact	Email: Mrs E. Johns <u>eleanor.johns@ypant.co.uk</u>	
	Year 10 Food and Nutrition	
Activity 1	Complete Vanilla cheesecake evaluation. Do the lemon cheesecake evaluation	
Activity 2	Complete all of their cheese booklet including the plenary on page 11 and the stretch and challenge activity on page 14	
Resources	Pupils have them but they will also be on MILK or google classrooms	
Contact	Email: Head of FHT - Mrs H. Lloyd <u>helen.lloyd@ypant.co.uk</u> Twitter: @y_fht	
	Year 10 Geography	
Activity 1	Strengths and Challenges of Rural Life:  • Work through the activities on the powerpoint in Google Classroom.  • Complete the past paper questions on slides 11 and 12 and use the mark scheme on slide 13 to self assess	
Activity 2	Are rural communities sustainable?:  • Work through the activities on the powerpoint in Google Classroom  • Complete the case study on Plas Heli on the Lleyn Peninsula  • Complete the past paper question on slide 9	
Resources	All on Google Classroom	
Contact	Email: Head of Geography - Mr G. Battle <u>gareth.battle@ypant.co.uk</u> Twitter: @YPANT_GEOG	
	Year 10 History	



Activity 1	See google classroom for guidance. Popular entertainment ESSAY breakdown Women ESSAY breakdown
Activity 2	Complete popular entertainment mock- 1 hour under exam conditions, self- mark using powerpoint guidelines on google classroom.
Resources	Google classroom, BBC Bitesize, Resources from History folder, WJEC revision booklet if purchased.
Contact	Email: Head of History - Mr P. Sweet <a href="mailto:phil.sweet@ypant.co.uk">phil.sweet@ypant.co.uk</a> Twitter: @y_history
	Year 10 Health, Social and Child Care
Activity 1	Plan and answer the key task question on pg 12 in your 'physical, social, emotional and intellectual health' blue booklet
Activity 2	Read and highlight key information in the case study on pg 14 in your 'physical, social, emotional and intellectual health' blue booklet. Answer the questions that follow on pg 14+15
Resources	Google classroom, booklet, Powerpoint (if you didn't have a copy of a booklet it will be accessible in google classroom)
Contact	Email: Head of FHT - Mrs H. Lloyd <u>helen.lloyd@ypant.co.uk</u> Twitter: @y_fht
	Year 10 ICT
Activity 1	Spreadsheet skills activity that will be sent via Google Classroom.
Activity 2	Theory exercise on computer viruses and hacking.
Resources	Work will be shared with pupils on Google Classroom <a href="https://classroom.google.com/w/MjA3Nzg2NTQ1NTha/t/all">https://classroom.google.com/w/MjA3Nzg2NTQ1NTha/t/all</a> All pupils have access already.
Contact	Email: Miss L Bunce :- <u>lucy.bunce@ypant.co.uk</u>
	Twitter: @YPantICT
	Year 10 Life Skills
Activity 1	JMC has created a Google Classroom to start units for an extra GCSE. There are five units and once complete they will have gained three GCSE at B from Agored Cymru. Pupils have had instruction in what to do and a Milk email has been sent to give instruction to join the classroom.
Activity 2	
Resources	Google Classroom online resources with powerpoints.
Contact	Email: Head of Life Skills - Mrs S. Dowling samantha.dowling@ypant.co.uk
	Year 10 Music
Activity 1	Read the info and complete the activities of unit 1, 2, 3, 4 & 5 using this link: https://resources.hwb.wales.gov.uk/VTC/2014/260214/music%202/eng/index.html
Activity 2	You have a deadline as given on MILK, to write a 32-bar song. I still want you to complete this using either



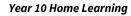
	BandLab or Sibelius. I have sent you a link on Google Classroom on how to obtain a free licence for Sibelius. It is in your interests to learn how to use Sibelius and now would be a good opportunity to learn. Here is alink just in case you missed it in Classroom: <a href="https://cdn-www.avid.com/-/media/avid/files/corona-virus-2020/creative-product-foc-license-instructions.pdf?la=en&amp;v=20200317200506">https://cdn-www.avid.com/-/media/avid/files/corona-virus-2020/creative-product-foc-license-instructions.pdf?la=en&amp;v=20200317200506</a>
Resources	https://resources.hwb.wales.gov.uk/VTC/2014/260214/music%202/eng/index.html Google Classroom BandLab https://cdn-www.avid.com/-/media/avid/files/corona-virus-2020/creative-product-foc-license-instructions.pdf?l a=en&v=20200317200506
Contact	Email: Head of Music - Mr M. Thomas <u>marvin.thomas@ypant.co.uk</u> Twitter: @ypantmusic
	Year 10 Media Studies
Activity 1	Complete the research task investigating the magazine industry. Write up your findings using the key terminology provided.
Activity 1	Analyse the front cover of PC Gamer magazine and how it appeals to its target audience. Use the resources and terminology on the powerpoint uploaded to google classroom to help you.
Resources	Powerpoint on google classroom. See also BBC Bitesize media studies
Contact	Email: Head of Media Studies- Miss O. Mills <u>olivia.mills@ypant.co.uk</u>
Year 10 Physical Education	
Activity 1 (All pupils)	The PE department will post 2 workouts per fortnight on twitter (see below) for pupils to take part in at home.  Twitter: @pant_ed
	These will also be posted on Google Classroom: 5p6wkx6
Activity 2 (GCSE only)	Fill in the four slides on fitness testing and components of fitness. Use your 1b workbooks for reference if needed. This is due on Friday April 3rd.
	<u>Fitness Components and Testing</u> - Link
	Google Classroom Code: adlpxyq
	(see below on how to access classrooms)
Activity 3 (GCSE only)	As above - this should take you two lessons.
Resources	https://www.bbc.co.uk/bitesize/examspecs/zqfysg8
	GCSE:-
	https://www.wjec.co.uk/qualifications/physical-education/r-gcse-physical-education-from-2016/



	How to access Google Classrooms as a student:-	
	https://support.google.com/edu/classroom/answer/6072460?co=GENIE.Platform%3DDesktop&hl=en	
	Twitter: @pant_ed	
Contact	Email: chris.soroko@ypant.co.uk Twitter: @pant_ed	
	Year 10 Religion, Ethics and Philosophy GCSE	
Activity 1	Please note - resources have been uploaded onto Google Classrooms.  'S' Band pupils only: Issues of Life and Death booklet (lilac cover) Read p.16- 19. Highlight and make notes. P. 45 and p.54 complete 'sanctity of life' questions (number 3). Miss Jones' class - instructions have also been placed on Google Classrooms to help you.  'P'band pupils only: Read p.31 Complete p.32 - 'Gimme 5' worksheet. Miss Jones' class - instructions have also been placed on Google Classrooms to help you.	
Activity 2	Miss Jones' classes - all instructions are on Google Docs. 'S' Band pupils only: P. 48 complete b) Describe religious teachings about the value of human life. (5) Self assess/mark using the 'WWW' and 'EBI' guidelines on p.46. Green pen any improvements you could make. 'P'band pupils only: Complete p.33 worksheet.	
Resources	https://www.bbc.co.uk/bitesize/topics/zps9cj6 https://www.bbc.co.uk/bitesize/topics/zyyk4qt WJEC revision booklet if purchased	
Contact	Email: Head of R.E.P Mrs D. Graves <u>donna.graves@ypant.co.uk</u>	
	Year 10 Religion, Ethics and Philosophy Equality and Diversity (10ED1, 10ED2 & 10ED3)	
Activity 1	Year 10- Equality and Diversity- Read through pages 1-5 in Unit 1 Booklet 3- Equality and Diversity in Society. Miss Jones' class - instructions on Google Classrooms.	
Activity 2	Complete all questions on pages 1-5 in booklets Instructions on Google Classrooms	
Resources	Unit 1 Equality and Diversity in Society Booklet 3- (Copies of this can be sent through MILK if needed or uploaded onto Google Classrooms)	
Contact	Email: Assistant Headteacher Mrs S. Burnell <u>sarah.burnell@ypant.co.uk</u>	
	Year 10 Product Design	
Activity 1	Research the Designer <b>Bethan Gray</b> . Write a report on A4 about the designer and describe the characteristics of the products she designs and produces.	
Activity 2	Research the Designer <b>James Dyson</b> . Write a report on A4 about the designer and describe the characteristics of the products he designs and produces.	
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Resources	Log in to google classroom. Code: <b>lhiehcn</b>
Contact	Email: Head of Design Technology - Mr G. Davies <u>gareth.davies@ypant.co.uk</u>
Contact	
	Year 10 Spanish
Activity 1	Pg 63-Pg 69 I will post respuestas el Viernes en Google Classroom* Pg 74 (GCSE book Reading ''Read what these people are saying about'' Complete mapa de España Madrid (PP Google classroom a partir del Miércoles)
Activity 2	Quizlet ''Enfermedades y condiciones year 10" Learn, spelling y test. ** Netflix: Las chicas del cable, El vecino, La casa de Papel:)
Resources	Booklet GCSE Spanish "Comidas y la vida sana"  Quizlet *  10 A https://quizlet.com/join/SJ3JAKxKS  10 C https://quizlet.com/join/fDEUCTh8r  Google classroom**  10A dsdpyoc  10C gbaad7j
Contact	Email: Head of Spanish - Señora V. Fernández <u>valle.fernandez@ypant.co.uk</u> Twitter: @mfl_ypant
	Year 10 Welsh
Activity 1	<ul> <li>Work for one week.</li> <li>Language tasks to do in back of exercise books.</li> <li>Copy the Present Tense positive and negative patterns (Page 2 of white Llyfr laith booklet) five times each trying to write without looking by the final couple of times).</li> <li>Then covering each side at a time, test yourself several times over.</li> <li>Copy the example sentences, but changing some of the details, such as a verb or a noun. For example you could change the first example to "Rydw i`n prynu losin bob dydd."</li> <li>Write the English for your examples.</li> <li>Uned 3 Cymru a`r Byd booklet tasks to do in front of exercise books.</li> <li>Page 1 - Copy the list of 22 County Boroughs and use online resources to find and write the English for these.</li> <li>Copy the speech bubbles and write the English for them. (You do not need to draw speech bubbles – just write as sentences!)</li> <li>Copy the vocabulary box and, covering each side at a time, test yourself several times over.</li> <li>Page 2 - Copy the sentences, correcting the mistakes which have been underlined.</li> <li>Pages 2,3 and 4 - Read the paragraphs, highlighting the words given to help you and then answer the questions which follow.</li> <li>Booklets attached below.</li> </ul>
Activity 2	<ul> <li>Work for one week.</li> <li>Language tasks to do in back of exercise books.</li> <li>Copy the Present Tense question patterns (Page 3 of white Llyfr laith booklet) five times trying to write without looking by the final couple of times).</li> <li>Then covering each side at a time, test yourself several times over.</li> <li>Copy the example questions, but changing some of the details, such as a verb or a noun.</li> <li>Write the English for your examples.</li> <li>Write an example answer for each question, choosing which version of Yes/No you need carefully from the grid at the bottom of Page 3.</li> <li>Uned 3 Cymru a`r Byd booklet tasks to do in front of exercise books.</li> <li>Page 5 - Copy the speech bubbles and write the English for them.</li> <li>Using the sentences on page 4 as examples write a series of sentences using the bullet point headings to present information about yourself to others.</li> <li>Page 6 - Write the singular version of the questions in the second column of the grid.</li> </ul>





	<ul> <li>eg Beth rydych chi`n hoffi bwyta?</li> <li>becomes Beth rwyt ti`n hoffi bwyta?</li> <li>Go to S4C`s website (clic), browse for programmes which interest/intrigue you and watch some of them – 5 minutes/10 minutes/15 minutes- whatever! You can take a lucky dip or browse by genre. You can watch and try to understand everything or you can simply try to follow the Welsh dialogue whilst reading the subtitles. If you do this regularly, increasing the time you spend each time, this may surprise you as to how much you can understand and could boost your confidence no end.</li> </ul>	
Resources	https://ypant.co.uk/wp-content/uploads/2020/03/10TGAU-llyfriaith2017b.pdf https://ypant.co.uk/wp-content/uploads/2020/03/10U3-Cymru-ar-byd-2018.pdf Ap geiriaduron downloadable dictionary app	
Contact	Email: Head of Welsh - Mr I. Mitchell ian.mitchell@ypant.co.uk	
	Year 10 Welsh Baccalaureate	
Activity 1	Watch the video (1a) on PESTLE analysis Read through the PowerPoint (2a) on PESTLE analysis Complete a PESTLE analysis of the BBC News report on single-use plastics (3a)	
Activity 2	Download an article from a news media outlet (no more than 3 pages) on a subject that interests you e.g. recycling, deforestation, drugs in sport, transport.  Copy this into Word or Google docs and PESTLE it. Make sure you copy the source/url at the top of the document so you can view it again.  Remember to highlight each PESTLE factor in different colours, putting a key of those colours at the bottom of your article.	
Resources	Resources can be found in the Google classrooms shared between you and your teacher.	
Contact	Email: Head of Welsh Baccalaureate - Ms J. Gavaghan jayne.gavaghan@ypant.co.uk	