

Year 10 Home Learning - 15th to 26th June

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

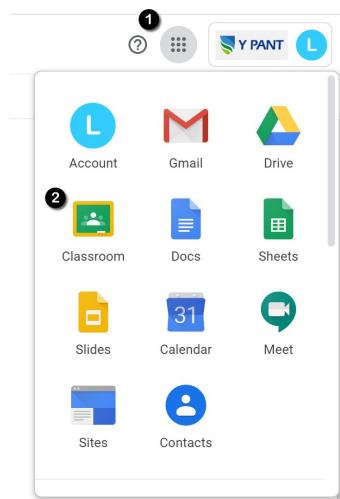
Teachers will be sending activities home for pupils using one of three methods: MILK (our existing homework app), Gmail or Google Classroom. All pupils have a Gmail address which allows them to access Google Classroom. The address is their 6 digit user number @ypant.co.uk and the password will be the 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. ②
- 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	2021@ypant.co.uk
Assistant Head of Progress	Mr M. Thomas	
Senior Leadership Link	Mr J. Kuck	

Year 10 English	
Activity 1	Read the 5 texts on gaming provided in your Google Classroom. Write a single sentence summary at the top of each article to give an overview of the writer's message or argument.
Activity 2	Based on these 5 texts, complete the reading comprehension questions 1-13 on the exam paper. See this week's PowerPoint on how to answer the 'summary' question and last fortnight's PowerPoint to refresh your knowledge on the 'how does the writer persuade...' question.
Activity 3	Write a lively, engaging article for a magazine with one of following headlines: EITHER: "Gaming has saved a generation of lockdown teens" OR "Gaming has destroyed a generation of lockdown teens" Use the evidence and arguments in the reading material to include evidence in your article. Include your own personal views, supported by evidence and specific detail.
Resources	Reading resources and question paper in Google Classrooms. Further advice on how to answer the summary question: https://www.youtube.com/watch?v=J90FyaHcYnQ
Contact	Email: Head of English - Mrs J. Dyson jen.dyson@ypant.co.uk Twitter: @YPantEnglish
Year 10 Maths	
Activity 1	<p><u>10y1 and 10x1 - Revision of Percentages.</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p> <p><u>10y2 and 10x2 - Reverse Percentages and Original Amount</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p> <p><u>10y3 and 10x3</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p> <p><u>10y4, 10x4 and 10y5 - Revision of Averages</u> Mean, Mode, Median and Range. Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p>
Activity 2	<p><u>10y1 and 10x1 - Revision of Percentages.</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p> <p><u>10y2 and 10x2 - Percentage Change</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p> <p><u>10y3 and 10x3</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p>

	<p><u>10y4, 10x4 and 10y5 - Revision of Presenting Data</u> Pictograms, Bar Charts, Frequency Tables, Line Graphs and Two-Way Tables Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p>
Activity 3	<p><u>10y1 and 10x1 - Compound Interest and Depreciation</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p> <p><u>10y2 and 10x2 - Revision of Percentages</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p> <p><u>10y3 and 10x3</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p> <p><u>10y4, 10x4 and 10y5 - Drawing Pie-Charts</u> Please refer to google classroom where your teacher will allocate your work using MyMaths lessons and assessments.</p>
Resources	Key Maths Text books (these can be accessed on google classroom if you don't have one) My Maths https://login.mymaths.co.uk/ username: ypant password: hexagon Google Classroom Corbett maths https://corbettmaths.com/contents/ BBC Bitesize daily lessons https://www.bbc.co.uk/bitesize/dailylessons
Contact	<i>Email: Head of Maths - Mr R. Fisher ray.fisher@ypant.co.uk</i>
Year 10 Biology	
Activities and Advice	Please visit Google Classroom for instructions and resources. Individual class teachers will continue to provide appropriate work for their classes as each class has reached a different point on the specification. Classes are also being prepared for different examinations.
Resources	BBC Bitesize www.tanio.cymru (bilingual resources for WJEC) Opt for English version obviously. There are daily science demos on the Techniquest website. They are not connected with the work covered in your booklets but you may find them interesting.
Contact	<i>Email: Head of Biology - Mrs E. Mitchell liz.mitchell@ypant.co.uk</i>
Year 10 Chemistry	
Activity 1	Please visit Google Classroom for instructions and advice. Individual class teachers will continue to provide work for their classes as each class has reached different points on the specification. Classes are

	also being prepared for different examinations.
Resources	All resources will be available via Google Classrooms
Contact	Email: Head of Chemistry - Dr. S. Ford susan.ford@ypant.co.uk

Year 10 Physics

Activities and Advice	Please visit Google Classroom for instructions and resources. Individual class teachers will continue to provide work for their classes as each class has reached different points on the specification. Classes are also being prepared for different examinations.
Resources	BBC Bitesize - look for resources linked specifically to WJEC specifications www.tanio.cymru (bilingual resources for WJEC) Opt for English version obviously. There are daily science demos on the Techniquest website. They are not connected with the work covered in your booklets but they are interesting. There are many other Websites out there that will aid you in completing work set by your class teacher.
Contact	Email: Head of Physics - Mr A. Gardner andy.gardner@ypant.co.uk

Year 10 Art

Activity 1	Please visit Google Classroom for instructions and resources. Individual class teachers will provide work for their classes as teaching groups are working on different final outcomes (3d / Print).
Resources	JAG / HH access code: nxqxkgo
Contact	Email: Head of Art - Mrs J. Gold jo.gold@ypant.co.uk

Year 10 Business

Activity 1	<u>Organisation charts - part 2</u> Download the presentation in Google Classroom and work through slides 23-26, key terms - delegation and roles and responsibilities
Activity 2	Work through slides 27-32 - past paper questions and activities to check your understanding
Resources	All in the Business Google Classroom
Contact	Email: Head of Business - Ms J. Gavaghan jayne.gavaghan@ypant.co.uk

Year 10 Computer Science

Activity 1	<u>Computer Crime</u> Within the GCSE specification we look at different types of Computer crime. Therefore you need to do some investigation into this. Summarise what the following crimes are and what they involve :- <ol style="list-style-type: none"> 1. Identity Theft 2. Computer Viruses 3. Hacking For each of the above describe what it involves and also try to get a "real-life" example of when this has happened and what harm it caused (for example Kevin Mitnick-hacker) It's up to you how you present this work.
	<u>Computer Crime 2</u> <u>What can we do to stop it/protect ourselves?</u>

Activity 2	What types of measures can be put in place to protect ourselves from the computer crimes listed in activity 1. Write a short paragraph on three protective measures that can be put in place to protect against these crimes. Again it's up to you the way you present your work.
Resources	https://www.bbc.co.uk/bitesize/guides/zycm97h/revision/7
Contact	Email: Head of ICT & Computing - Mrs K. Davey kath.davey@ypant.co.uk Twitter: @YPantICT

Year 10 Construction

Activity 1	To design a self help guide on how to plan and construct a garden wall, Powerpoint has been sent out to students on Gmail.
Activity 2	
Resources	Powerpoint
Contact	Email: Mr C Beckett craig.beckett@ypant.co.uk

Year 10 Drama

Activity 1	Unit 1 - Devising <ul style="list-style-type: none"> • Creative Log submitted with illustrative evidence - INCLUDING SECTION 1 AND 2 • Make any amendments on collaborative script and learn ALL personal lines. • Work through marking scheme and highlight where you think you are currently working - Further instructions on Google Classroom. GCSE Specification Template Pages 31 - 38. • Any digital aspects of performance such as tech/sound/projections/props/staging should be designed, sourced and added to the collaborative script.
Activity 2	Unit 3 - 'Romeo and Juliet' Complete Level 3 of 'Romeo and Juliet' RSC Learning Zone - ALL language videos, all activities included. Romeo and Juliet Shakespeare Learning Zone
Resources	Romeo and Juliet Shakespeare Learning Zone Google Classroom
Contact	Email: Head of Drama - Ms L Roberts lauran.roberts@ypant.co.uk Twitter: @ypantdramadep

Year 10 Engineering

Activity 1	Complete the following worksheets on adding Colour, Freehand sketching in both 2D and 3D.
Activity 2	Read through the dimensioning booklet and complete the exercises.
Resources	
Contact	Email: Mrs E. Johns eleanor.johns@ypant.co.uk

Year 10 Food and Nutrition

Activity 1	With permission and supervision have a look at ingredients in your kitchen cupboards then research recipes eaten in different countries. Try and make one dish either sweet or savoury under supervision using ingredients you already have in your kitchen to showcase a recipe from a country of your choice.
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	Think about the skills you will be showing in your chosen dish. Send us any photos of dishes you make. If you are unable to do this then just research popular recipes from a number of different countries and look at the similarities and differences between different countries.
Activity 2	Carry out a sensory testing of your dish thinking about appearance, flavour and texture and any improvements you could make to it. Attempt to cost out your chosen dish.
Resources	Ingredients in your kitchen
Contact	Email: Head of FHT - Mrs H. Lloyd helen.lloyd@ypant.co.uk Twitter: @y_fht

Year 10 Geography

Activity 1	Key Question 2.2.2 What are some of the contemporary challenges facing UK towns and cities? Work through the activities on the Lesson 5 - Eco-housing and sustainable communities powerpoint. You will need to use page 72 of the textbook to help you.
Activity 2	Read through the Oxford case study handout and complete the activities on it. This introduces the idea of greenfield and brownfield sites as locations for new development.
Resources	All resources, including the relevant textbook pages, have been uploaded to Google Classroom.
Contact	Email: Head of Geography - Mr G. Battle gareth.battle@ypant.co.uk Twitter: @YPANT_GEOG

Year 10 History

Activity 1	<p><u>Health and Medicine over time</u></p> <p><u>Topic 1- Medical knowledge</u></p> <p>Complete revision exercises, question 1 fill in the blanks and google forms quiz.</p> <p><u>TOPIC 2- Causes of illness and disease</u></p> <p><u>Lesson 1- Introduction to causes of illness and disease</u></p> <p>Complete the timeline of the key events for this topic (<i>either on a printed version of the sheet or in a notebook</i>)</p> <p>Complete the key word match up task (answers provided)</p>
Activity 2	<p>Complete the 'problem/disease' table (<i>or in a notebook if this is easier</i>) for the following lessons.</p> <p>Outline what their understanding was and their overall significance/ importance to causing illness & disease.</p> <p><u>Lesson 2- Medieval causes of illness and disease</u></p> <p>Consider what was the understanding during the Medieval period for the causes of illness and disease focusing on the BLACK DEATH.</p> <p><u>Lesson 3- Renaissance and early modern causes of illness and disease.</u></p> <p>Focusing on the Great Plague and Industrialisation.</p> <p><u>Lesson 4- Modern causes of illness and disease</u></p> <p>Focusing on the cholera outbreaks, Spanish Flu and HIV/AIDS.</p>
Resources	<p>Google classroom (will have copies of the booklet electronically),</p> <p>BBC Bitesize https://www.bbc.co.uk/bitesize/guides/zyscng8/revision/1</p> <p>WJEC revision booklet if purchased</p> <p>Youtube- BBC Teach 'Medicine through time' for good short video clips.</p>

Contact	Email: Head of History - Mr P. Sweet phil.sweet@ypant.co.uk Twitter: @y_history
Year 10 Health, Social and Child Care	
Activity 1	Print the new 'Active participation booklet' where possible or work on paper. Complete pg 5-11 using the ppt (complete key terms table on pg.1+2 as you go)
Activity 2	Complete pg 12-20 using the ppt (complete key terms table on pg.1+2 as you go)
Resources	Google classroom, booklet, Powerpoint
Contact	Email: Head of FHT - Mrs H. Lloyd helen.lloyd@ypant.co.uk Twitter: @y_fht
Year 10 ICT	
Activity 1	This week everyone needs to log into Hwb and join the team that has been set up. All Hwb login details were sent out in March. If you can't remember them don't worry. Just email Ms Bunce and she will send you the details. The link for the team is below https://teams.microsoft.com/l/team/19%3aaa091dd5210448efbd7c915c624bcec2%40thread.tacv2/conversations?groupId=b94754e4-d0c8-4766-8b49-cb7fb22ce363&tenantId=4f3f0e52-b734-4164-9409-1b601d147993 The team code is tk67orl The link above should take you straight to the team. If not, then just click Join or create a team at the top right. To access Teams from the Hwb home screen click Login. Then find the Office 365 icon from there and click that. There is a link to Teams from the landing page. Once in Teams there will be a short task to familiarise yourself with the environment.
Activity 2	We will have a live teaching session on Teams later in the week. The date and time will be published on Teams as well as via the Google Classroom.
Resources	Hwb login details
Contact	Email: Head of ICT & Computing - Mrs K. Davey kath.davey@ypant.co.uk Twitter: @YPantICT
Year 10 Life Skills	
Activity 1	Pupils need to continue with the work set on Google classroom by Mr McConnell
Activity 2	
Resources	Google classroom, booklets
Contact	Email: Mr J McConnell jason.mcconnell@ypant.co.uk Head of Life Skills - Mrs S. Dowling samantha.dowling@ypant.co.uk
Year 10 Music	
Activity 1	Chill-out Music: Follow the instructions in Google Classroom for this creative task.
Activity 2	GCSE Style Film Question in Google Classroom
Resources	Google Classroom In addition to these tasks there are links to various music theory websites that will help you in your quest

	<p>to understand the dots and blobs a little bit more, and for those that have studied music theory here is a link to the ABRSM website for music theory style questions https://gb.abrsm.org/en/theory2018/music-theory-2018-quiz/</p> <p>It is not compulsory by any means and is not connected to GCSE music, so do not panic if you try it and are wondering what on earth it is all about. It is simply for some of you that have been studying music theory alongside your instrument or singing lessons and would like an extra challenge.</p>
Contact	<p>Email: Head of Music - Mr M. Thomas marvin.thomas@ypant.co.uk Twitter: @ypantmusic</p>

Year 10 Media Studies

Activity 1	<p>Developing your media knowledge and personal response</p> <ul style="list-style-type: none"> - Read the article provided on google classroom about REPRESENTATION - Answer the questions set to show your understanding of what you have read and submit your answers on google classroom - Extension: read the following article about the use of racial stereotypes in Hollywood film: https://www.dw.com/en/hollywood-movies-stereotypes-prejudice-data-analysis/a-47561660 - Use the information in the article as well as your own ideas and opinions to write a response to the following title: 'How has the Hollywood film industry helped to perpetuate (keep going) racial stereotypes and what is your opinion of this?'. (There is a link in the resources section to more reading on this topic if you want to explore further)
Activity 2	<p>Building essential media terminology.</p> <ul style="list-style-type: none"> - Revise/learn the media terminology provided on the list. (Try and get someone at home to help test you if you can) - Write each term correctly in a sentence. Try and make your sentences relevant to the topics we have covered recently - television industry/television programmes/stereotypes and representation - Upload your sentences to google classroom
Resources	<ul style="list-style-type: none"> - Resources provided on google classroom - GCSE Bitesize Media Studies https://www.bbc.co.uk/bitesize/subjects/ztnygk7 - Extra reading on the use of racial stereotypes in the media to help with the extension task: https://www.bbc.com/culture/article/20190530-rom-mammy-to-ma-hollywoods-favourite-racist-stereotype
Contact	<p>Email: Head of Media Studies- Miss O. Mills olivia.mills@ypant.co.uk</p>

Year 10 Physical Education

Activity 1 (All pupils)	<p>30 Minute Cardio Tabata Workout to burn calories and blast fat. https://youtu.be/nI_fqH4Z9yU</p>
Activity 2 (GCSE only)	<p>Complete the four slides attached using the booklet to research the answers.</p> <ol style="list-style-type: none"> 1. Physiological factors that affect the components of fitness/lifestyle choices. 2. Somatic & Cognitive anxiety. 3. Techniques & tactics to help your sporting performance. 4. Strength and weaknesses of the fitness testing.
Activity 3 (GCSE only)	
Resources	<p>https://www.bbc.co.uk/bitesize/examspecs/zqfysq8</p>

	<p>Google Classroom Code: <u>adlpxyq</u></p> <p><u>GCSE:-</u></p> <p>https://www.wjec.co.uk/qualifications/physical-education/r-qcse-physical-education-from-2016/</p> <p>How to access Google Classrooms as a student:-</p> <p>https://support.google.com/edu/classroom/answer/6072460?co=GENIE.Platform%3DDesktop&hl=en</p> <p>Twitter: @pant_ed</p>
Contact	<p>Email: Head of PE - Mrs K. David kerri.david@ypant.co.uk</p> <p>Twitter: @pant_ed</p>
Year 10 Religion, Ethics and Philosophy (Year 10 'S' and 'P' Band groups only)	
Activity 1	<p>https://drive.google.com/open?id=1tijW3MqZDmfIAPPJklp4oCSBkPSGbTva</p> <p>Christianity Unit 2 (Year 11 Work)</p> <ol style="list-style-type: none"> 1. Complete worksheet p.12. 2. Complete past paper question on p. 13-14: D) "The Bible's teachings are all a Christian needs to live their life for God." (15 marks) 3. Complete past paper question on p. 16.
Activity 2	<p>The Sacraments - research and read up upon these.</p> <ol style="list-style-type: none"> 1. Complete worksheets and read p. 17-19. Miss out p.20 for now 2. Complete worksheets on Baptism - Infant and Adult/Believer's (you did this in detail in year 8!) Complete p. 21-26.
Resources	<p>https://drive.google.com/open?id=1tijW3MqZDmfIAPPJklp4oCSBkPSGbTva</p> <p>https://drive.google.com/open?id=1wYUE57VwvcSOK5e9XbMWJVcmVdVXCSo</p> <p>https://www.bbc.co.uk/bitesize/guides/zy7qrwx/revision/1</p>
Contact	<p>Email: Head of REP - Mrs D. Graves donna.graves@ypant.co.uk</p>
Year 10 R.E.P. Equality and Diversity (10ED1, 10ED2 and 10ED3 only)	
Activity 1	<p>Equality and Diversity In the Community Unit 2</p> <p>Research 'diversity' in your local area. Look for things such as:</p> <p>Different foods from around the world e.g. a Chinese restaurant</p> <p>Different religious buildings - different churches (Catholic, Baptist) or other faiths e.g. a Synagogue.</p> <p>Different languages spoken e.g. Welsh/English/French</p> <p>Disability provision - signs, lifts, parking spaces etc.</p> <p>Different lifestyles - hobbies, walks, gyms, public houses, golf courses, skating ramps, parks etc.</p> <p>Different festivals - religious, music, school fêtes</p> <p>Differences in schools -</p> <p>Differences in businesses in the area-</p> <p>Produce a handout/leaflet showing what is 'different' and 'diverse' in your local area. (Use the computer, with images or produce a leaflet on paper).</p>

Activity 2	Once you have designed your handout/leaflet, in a maximum of 500 words, explain why there is diversity in the area and why it is such a good thing that there is and that it is respected.
Resources	Google Maps Google Search Walk around area and writing down what you see Ask others
Contact	Email: Head of REP - Mrs D. Graves donna.graves@ypant.co.uk

Year 10 Product Design

Activity 1	Choose a product in your house or garage or garden. Draw this product using one of the drawing techniques you have learnt this year. I,e - Isometric drawing, 1-point perspective or 2 Point perspective.
Activity 2	Label the good points and bad points of the product design using ACCESS FM - Aesthetics, Customer, Cost, Environment, Safety, Size, Function, Materials
Resources	Google classroom: Ihiehcni
Contact	Email: Head of Design Technology - Mr G. Davies gareth.davies@ypant.co.uk

Year 10 Spanish

Activity 1	Booklet: El Ocio y el Tiempo Libre Translations pg 11 and 12. Write down your own sentences in your exercise book.
Activity 2	Reading exercise pg 13
Resources	Practise gimkit game before gimkit live on Wednesdays at 11.00
Contact	Email: Head of Spanish - Señora V. Fernandez valle.fernandez@ypant.co.uk Twitter: @mfl_ypant

Year 10 Welsh

Activity 1	<i>Check and correct using green pen the previous work. On Activity Sheet 3 read the letter and fill-in the grid with details in English. In the front of your exercise book write a letter in Welsh describing your fantasy house.</i>
Activity 2	<i>Copy the two lists of vocabulary on Pages 11 and 12 into the front of your exercise book and, using a dictionary write the English for them. Copy and give the Welsh for the sentences on Page 12 into the front of your book.</i>
Resources	<i>Link to download language booklet https://ypant.co.uk/wp-content/uploads/2020/03/10TGAU-llyfriaith2017b.pdf Link to download Unit 3 booklet https://ypant.co.uk/wp-content/uploads/2020/03/10U3-Cymru-ar-byd-2018.pdf Online dictionary e.g . https://geiriadur.uwtsd.ac.uk http://geiriadur.bangor.ac.uk</i>

	<p><i>Dictionary App - search the App store for Ap Geiriaduron Prifysgol Bangor Duolingo app (free)</i> <i>BBC bitesize lessons and games. Search the App Store. You can use it on your phones.</i> <i>Watch programmes on S4C or go to S4C clic</i> <u>https://www.s4c.cymru/clic</u> <i>and browse programmes which interest you. Try some! You can follow using subtitles while listening out for phrases and vocab you recognise.</i></p>
Contact	Email: Head of Welsh - Mr I. Mitchell ian.mitchell@ypant.co.uk
Year 10 Welsh Baccalaureate	
Activity 1	<p><i>Before starting this work please ensure that you have had your title and aims and objectives cleared by your teacher. If this has not been done you will need to do that first....title needs clearing first and then aims and objectives. By doing this you avoid having to waste time going back and changing too much work.</i></p> <p><i>Once your title and aims and objectives have been marked and you have made changes to them then you can have a go at doing your introduction.</i></p> <p><i>1) Read slide 23 about writing your introduction 2) Read slides 24 and 25 to see examples of introductions 3) Write your introduction and hand it in to your teacher.</i></p>
Activity 2	<p><i>Continue to find research and save the links so that you can use the information at a later date</i></p> <p><i>1) Read slides 26-28 about gathering research 2) Do research and save the links in a document that you can refer to at a later date....you only need the links you DON'T need to do anything with the information at this stage.</i></p>
Resources	All in Google Classroom
Contact	Email: Head of Welsh Baccalaureate - Ms J. Gavaghan jayne.gavaghan@ypant.co.uk