

## DAME ALICE OWENS SCHOOL

### SIXTH FORM SUMMER PREPARATION TASKS

<b>ART</b>	<b>DOCUMENT ATTACHED SEPARATELY</b>
<b>BIOLOGY</b>	Please find attached AQA's Transition Guide for A-level Biology for students to complete.  <a href="http://filestore.aqa.org.uk/resources/biology/AQA-7401-7402-TG.PDF">http://filestore.aqa.org.uk/resources/biology/AQA-7401-7402-TG.PDF</a>
<b>BUSINESS STUDIES</b>	Task 1 - Find two articles which analyse steps a company has taken to turnaround their performance. Be prepared to report back to the class on both the challenges the company has faced over recent years, where they have gone wrong and the extent to which they have managed to change effectively. This could either be a UK company or a foreign company of your choice. You should produce a report which is no longer than one A4 page. Task 2 - Summarise one podcast/video/ted talk etc which you have listened to which is of interest so that the class can build a bank of useful podcasts, videos etc. to refer to in future. Your summary should not be any longer than 200 words.
<b>CHEMISTRY</b>	Please find attached AQA's Transition Guide for A-level Chemistry. Students are to do Activities 12-16 inclusive as a minimum.  <a href="http://filestore.aqa.org.uk/resources/chemistry/AQA-7404-7405-TG.PDF">http://filestore.aqa.org.uk/resources/chemistry/AQA-7404-7405-TG.PDF</a>
<b>DRAMA</b>	Read at least one complete modern play that was written between 2000 – 2017. Study ONE character, follow their journey through the play and make notes about what you learn about them. Identify a key monologue, learn the lines and rehearse it. Come ready next term to talk about the play and the character with the rest of the class.
<b>DESIGN: TEXTILES</b>	<b>For this A Level you will need to work in an A3 spiral bound sketchbook which you will need to purchase. I recommend buying from Amazon (Artgecko Classy Sketchbook A3 Portrait 80 pages (40 sheets) 150gsm Acid Free White Cartridge Paper or something similar). Please complete your Summer work in your sketchbook. You will be asked to present your research to the class in your first lesson in year 12.</b>  <b>Research the work of at least 3 of the designers from the following list:</b> Giles Deacon, Alexander McQueen, Christopher Kane, Hussein Chalayan, Vivienne Westwood, Jean Paul Gaultier, Ensuk Hur, Aitor Throupe, Christopher Raeburn, Rick Owens, Junya Watanabe, Rie Kawakuba, Issey Mikaye, Yohji Yamamoto, Iris Van Herpen, Morana Kranjec, Gareth Pugh. Try to choose designers whose work inspires you.  <b>Task 1:</b> Collect inspirational images and create an A3 mood board for <b>2 designers</b> from the list. (x2 mood boards) <b>Task 2:</b> Choose <b>one</b> of the other designers from the list and create an A3 designer profile about them. This should have images and information about their collections, inspirations etc. You should also write a personal account of why you have chosen them and what

	<p>you like about their work. Writing can be in bullet points. This page should be very visual.</p>
<b>DESIGN: PRODUCT</b>	<p><b>In preparation for starting in September, we want you to learn how to use Google Sketch Up in the holidays.</b>  <b>Google Sketch Up</b> is a friendly &amp; forgiving 3D modelling software.  Start by drawing lines &amp; shapes. Push and pull surfaces to turn them into 3D forms. Stretch, copy, rotate and paint to make anything you like. You will be productive within a couple of hours Ready to start learning? Download today, its free, then...</p> <ul style="list-style-type: none"> <li>... watch a getting started video.</li> <li>... learn about Sketch Up's tools.</li> <li>... ask a question in the Sketch Up Forums.</li> </ul> <p><b>Activities to complete:</b>  Task 1 – Complete a 3D shape.  Task 2 – Draw a simple chair  Task 3 – Draw a table or a simple building design</p> <p><b>Design that excites you</b>  Buy an A4 sketch book which you will use for gathering inspiration and sketching next year.</p> <p>Over the summer holiday, we'd like you to begin using your sketch book by presenting 10 different examples of design that you find interesting. This could range from Architecture to everyday objects. These can be presented as photos, sketches or detailed drawings. They should be supported with annotated comments about why you find them interesting.</p> <p>Please be prepared to with your sketchbook for the first lesson in September.</p>
<b>ENGLISH LITERATURE</b>	<p>Please visit the A Level English Literature website for details of your summer reading tasks:  <a href="https://sites.google.com/view/daosenglishliterature">https://sites.google.com/view/daosenglishliterature</a></p> <p>There are two tasks to complete:</p> <ol style="list-style-type: none"> <li>1. Read or watch one of the listed tragedies and write an exploration of the tragic hero.</li> <li>2. Read two of the texts listed and write an exploration of the novel.</li> </ol>
<b>ECONOMICS</b>	<p>Explain what is meant by a hard Brexit and a soft Brexit.  Analyse the potential impact on the UK economy of both a hard and a soft Brexit. Bring your findings to class with reflections on no more than one side of A4. There will be a debate on the first week back.</p>
<b>FRENCH</b>	<b>DOCUMENT ATTACHED SEPARATELY</b>
<b>GEOGRAPHY</b>	<b>DOCUMENT ATTACHED SEPARATELY</b>
<b>GERMAN</b>	<p>Watch one German film of your choice and write a film review in German of about 150 words.  The following films are suggestions only. You should be able to find them on YouTube or Netflix.</p>

	<ul style="list-style-type: none"> <li>• Good bye Lenin</li> <li>• Der Untergang</li> <li>• Lola rennt</li> <li>• Das Leben der Anderen</li> <li>• Deutschland 1983</li> <li>• Nirgendwo in Afrika</li> </ul>
<b>GOVERNMENT &amp; POLITICS</b>	<p>1) Spend the summer following what different political parties say and their stances on key issues such as the economy, education, health, the environment and welfare. They must return in September with some notes on different party policies and which one they agree with the most and why. We would like them to start the year with a vague idea of who they might support- we are aware, however, that this may change as they start studying the course in more depth!</p> <p>2) Watch the Andrew Marr show every Sunday at 9am (they can find it on record on BBC iplayer)- we would like them to discuss some key events that take place over the summer and that is the best way for them to stay updated. I suggest that they get a scrap book and make some rough notes so they don't forget.</p>
<b>HISTORY</b>	<p>Students should familiarise themselves with the course content for their History A Level via the course guide on the school website.</p> <p><b>Main Task:</b> Students must choose a history book to read over the summer. This can be related to the course they will study or on a topic of their own interest. Whilst reading the book, they might find it helpful to jot down notes along the way to help them recall the detail in the book.</p> <p>They must then write a short book review of no more than one A4 page typed and bring a copy of this to their first lesson. They must also be happy to talk about their book and be asked questions about what they have read.</p>
<b>MATHS</b>	<p>You will need to complete 4 tasks for your Summer work in preparation for the A Level course.</p> <p>The mymaths will need to be <b>printed</b> and brought to your first maths lesson along with the data task.</p> <ol style="list-style-type: none"> <li>1) <a href="http://www.mymaths.co.uk/572-resource/revise-algebra-ow">http://www.mymaths.co.uk/572-resource/revise-algebra-ow</a> (all pages)</li> <li>2) <a href="http://www.mymaths.co.uk/602-resource/revise-indices-and-surds-ow">http://www.mymaths.co.uk/602-resource/revise-indices-and-surds-ow</a> (all pages)</li> <li>3) <a href="http://www.mymaths.co.uk/580-resource/revise-polynomials-ow">http://www.mymaths.co.uk/580-resource/revise-polynomials-ow</a> (all pages except page 3)</li> <li>4) Data task (see below)</li> </ol> <p><b>Data Task</b></p> <p>In your exam you will be given questions on the following <a href="#">data</a>. This task is aimed at getting you more familiar with it. You'll need to use the <a href="#">spreadsheet</a> to answer the following questions:</p> <ol style="list-style-type: none"> <li>1a) Find the daily mean pressure in Leeming in October 1987</li> <li>b) Find the median daily rainfall in Beijing in July 2015</li> <li>c) Draw a grouped frequency table for the daily maximum temperature in Heathrow in July and August 2015. Use intervals <math>10 \leq t &lt; 15</math></li> </ol>

	<p>ii) Use your grouped frequency table to draw a histogram for this data.</p> <p>2a) Take a simple random sample of size 10 from the data for daily mean windspeed in Jacksonville in 1987. b) Find the mean of the daily windspeed from your sample</p> <p>Alternatively you can access the large data set from the Pearson's site under the course materials tab:  <a href="https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.coursematerials.html">https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.coursematerials.html</a></p> <p><b>mymaths login:</b> damealice  <b>mymaths password:</b> angle</p>
<b>MUSIC</b>	<p>40% of the A Level Listening/Written exam is based on the Western Classical Tradition, with particular focus on the Development of the Symphony from 1750 – 1900.</p> <p>The set work for the course is Haydn Symphony No 104 ('London'), which will be studied in detail. Familiarise yourself as much as possible with this work, listening to it (Youtube / Spotify) and following the orchestral score (available on-line at imslp.org).</p> <p>If you wish to purchase your own score, the version we will use for the course is available on Amazon: Symphony No. 104 "London": Eulenburg+pocket Score AND Audio CD (Eulenburg Audio+Score Series)  <a href="https://www.amazon.co.uk/Symphony-No-104-London-Eulenburg/dp/3795765234/ref=sr_1_1?ie=UTF8&amp;qid=1498043204&amp;sr=8-1&amp;keywords=haydn+symphony+104+eulenburg+audio+cd">https://www.amazon.co.uk/Symphony-No-104-London-Eulenburg/dp/3795765234/ref=sr_1_1?ie=UTF8&amp;qid=1498043204&amp;sr=8-1&amp;keywords=haydn+symphony+104+eulenburg+audio+cd</a></p>
<b>MUSIC TECHNOLOGY</b>	<p>Listen to a broad variety of musical styles from the 1910's to the present day. Keep a diary of the songs you have listened to, and some of the key musical and technological features of it. e.g. Bob Marley and the Wailers 'Three Little Birds' 1977 - Reggae - use of offbeat rhythms, simple harmonic structure, laid back tempo, organ/guitar/bass guitar/drum kit/male vocal/backing vocals. If this can be done as an electronic table or spreadsheet we will add to this list as we go through the course.</p>
<b>PHYSICS</b>	<p>For the 6<sup>th</sup> form work for physics. I would like them to read the AQA transition guide attached and link to AQA website below:  <a href="http://filestore.aqa.org.uk/resources/physics/AQA-7407-7408-TG.PDF">http://filestore.aqa.org.uk/resources/physics/AQA-7407-7408-TG.PDF</a></p> <p>and complete a minimum of activities: 3,4, 7 and 8. But they could of course complete all the activities if they wish.</p>
<b>PSYCHOLOGY</b>	<b>DOCUMENT ATTACHED SEPARATELY</b>
<b>RELIGIOUS STUDIES</b>	<p>Please produce a 1-2 page hand-out on the <b>Philosophy of Religion</b> focusing on William Paley's analogical (watch) design argument including criticisms from David Hume.</p>

	<p><b>Resource:</b> There are many internet and library resources on this topic but you cannot go wrong with the AQA approved ' Religious Studies for A Level &amp; AS by John Frye' first published 2017.</p>		
<p><b>SOCIOLOGY</b></p>	<p style="text-align: center;">(deadline <b>Tuesday evening – 5<sup>th</sup> September</b> - before the start of term)  <u>Scan OR take photo and send to</u> <b>doddp@damealiceowens.herts.sch.uk</b></p> <p>A <i>very</i> basic definition of Sociology is 'the study of society', so a good place to start would be to get you to think about <b>what 'society' "looks like" to you</b> - with a brief explanation. I will have given more examples of this in the Induction Day session, but a reminder of what is required is as follows.</p> <p>To represent 'society' (as <u>you</u> visualise it) in the form of a simple diagram, adding 12-15 thoughtful lines to explain your diagram. For example, the front cover (<i>below</i>) of a Sociology textbook is probably attempting to represent society; but a few <u>labels</u>, followed by <u>12-15 lines of explanation</u> would have helped us to understand the artist's views even more. Should your diagram include 'individuals', you don't have to draw detailed figures. For example, SOME Feminists might still see society as like this:</p> <div style="text-align: center;"> <table border="1" data-bbox="898 636 1137 751"> <tr> <td style="text-align: center;"><b>MEN</b></td> </tr> <tr> <td style="text-align: center;"><b>WOMEN</b></td> </tr> </table> </div> <p>But it needs an explanation of WHY this is thought to be the best representation of society and why ALL men are on top of ALL women! Any further queries, feel free to send me an e-mail.</p>	<b>MEN</b>	<b>WOMEN</b>
<b>MEN</b>			
<b>WOMEN</b>			
<p><b>SPANISH</b></p>	<p>Watch one film in Spanish and to write a 150 word summary of the film, explaining why you liked/ didn't like it and who your favourite character is. In addition, please to research one important tradition or festival from the Spanish-speaking world and write 10-15 bullet points about it ready to present to a partner.</p>		