

Y11 into Y12 A Level Preparation for Terms 5 and 6 (March 2020)

Subject	Preparation Topics / Activities for Term 5	Preparation Topics / Activities for Term 6
Art	Understand the Modern Art Timeline. <a href="https://www.theartstory.org/section-movements-timeline.htm">https://www.theartstory.org/section-movements-timeline.htm</a> Document what you find in your own Art Timeline. Make drawings or paintings of the examples which interest you most.	Find out about 'Genres' in Art. Document each genre, with examples of your choice, drawn and printed if possible.
	Practise your drawing skills regularly. Make a drawing a day, even if it's a five minute sketch. Take photos of the places/ rooms/objects around you, that you are drawing.	Draw/ paint/ photograph a selection of images from the list of ideas provided on Moodle. Draw regularly to keep up and develop your skills.
	Watch a TV art documentary and record the story about art which it tells, in an interesting and creative way. (Perhaps an illustrated PowerPoint, a double page in your book or a more unusual presentation.) Suggestions in Moodle document.	Making connections between selected pieces of Art, do the step-by-step task on Moodle. (Select two artworks with a connection, make the connection visually, produce a creative response.)
Biology	Topic: 2.2 Biological molecules (to include water, carbohydrates, lipids, proteins and inorganic ions)  Weekly work will be set for students e.g. worksheet with targeted questions for note taking and exam questions, Doodle presentations and quizzes.	Topic: 2.1 Cell structure (to include microscopy and features of eukaryotic and prokaryotic cells)  Weekly work will be set for students e.g. worksheet with targeted questions for note taking and exam questions, Doodle presentations and quizzes.
Business Studies	What is Business? Understanding the nature and purpose of business.	Understanding that businesses operate within the external environment.
	Understanding different business forms.	Business in action
	Business in action	Business Induction work 2020. PowerPoint presentation on the <b>Rise/Fall of a business</b>  Optional: Futurelearn/edX courses
Chemistry	See Moodle/subject area on website – Chemistry Y12	RSC Transition Skills – Starters for 10 – Moodle/website
	Practise chemical calculations – Moodle/website	
	Read the Practical Skills Handbook – Moodle/website	
Computing	1. <a href="https://www.tutorialspoint.com/vb.net/vb.net_forms.htm">https://www.tutorialspoint.com/vb.net/vb.net_forms.htm</a>	Learn SQL programming using the w3 schools website: <a href="https://www.w3schools.com/sql/default.asp">https://www.w3schools.com/sql/default.asp</a>
	2. <a href="https://www.youtube.com/watch?v=uGXXyaSebGw">https://www.youtube.com/watch?v=uGXXyaSebGw</a> 3. <a href="https://moodle.rainhammark.com/pluginfile.php/47404/mod_resource/content/0/VB%20console%20book.pdf">https://moodle.rainhammark.com/pluginfile.php/47404/mod_resource/content/0/VB%20console%20book.pdf</a>	Complete q1- 3 inclusive of the past paper: <a href="https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2017/june/AQA-75161-QP-JUN17.PDF">https://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2017/june/AQA-75161-QP-JUN17.PDF</a>

	Using the resources above become confident with VB.Net in a Windows application. For those not programmed before use the 3 <sup>rd</sup> tutorial from the GCSE Computer Science Moodle course first.	Revisit and extend your Boolean Algebra knowledge: <a href="https://filestore.aqa.org.uk/resources/computing/AQA-7516-7517-TG-BA.PDF">https://filestore.aqa.org.uk/resources/computing/AQA-7516-7517-TG-BA.PDF</a>
<b>Design &amp; Technology</b>	Fusion 360 tutorials (YouTube and built into software)	Fusion 360 tutorials (YouTube and built into software)
	Sketching and design tutorials (YouTube)	Sketching and design tutorials (YouTube)
	PG online power points, worksheets, homework tasks and unit tests (Entire A level theory course is on Moodle)	PG online power points, worksheets, homework tasks and unit tests (Entire A level theory course is on Moodle)
	USB key design task (normal 11 into 12 task in Term 4 tab website and Moodle)	USB key design task (normal 11 into 12 task in Term 4 tab and Moodle)
<b>Drama</b>	<b><i>See 'Year 11 Drama and Theatre Enrichment' document on Moodle/ website for more details.</i></b>  <b><u>READ</u></b>  Read / research the possible texts you might explore as part of the A Level course.	<b><u>READ</u></b>  Access The Stage newspaper online (you can view three articles for free) and broaden your knowledge and understanding of theatre
	<b><u>DO</u></b>  Complete a Future Learn course We suggest: Physical Theatre – Exploring the slap	<b><u>DO</u></b>  Choose a monologue from the NYT selection provided (to be uploaded onto Moodle. Prepare a performance of this – learn lines, source a costume, etc.
	<b><u>DISCUSS</u></b>  Try completing a segment of the Gold Arts Award (this forms your independent learning for Drama in Year 12 so you could get ahead with this!)  We suggest Unit 1 Part D.	<b><u>DISCUSS</u></b>  Listen to podcasts from Chichester Festival Theatre – discuss with a friend or family member  <a href="https://www.cft.org.uk/podcast">https://www.cft.org.uk/podcast</a>
<b>Economics</b>	What is Economics? Economics in action 1 Economics in action 2	Economics in action 3 Economics in action task 4 Economics induction work 2020. Optional: Futurelearn/edX courses
<b>English Literature</b>	<i>'English Literature: building the foundations for success at A Level. A range of engaging tasks to expand your knowledge of literature.</i>  See website English area	<i>'English Literature: building the foundations for success at A Level. A range of engaging tasks to expand your knowledge of literature.</i>  See website English area
<b>Film Studies</b>		
<b>French</b>	Please see the Year 11 French GCSE Moodle/website area, A Level preparation work, Y11-12 French work terms 5 and 6.	Please see the Year 11 French GCSE Moodle course / website area, A Level preparation work, Y11-12 French work terms 5 and 6.
<b>Further Maths</b>	Please Refer to Maths Section Below	

<b>German</b>	Refer to the document on Moodle for further instructions, but aim to work on: Grammar Activities German news articles German music German Film and/or TV Programme	Refer to the document on Moodle for further instructions, but aim to work on: Grammar Activities German news articles Geography of Germany and Extra Worksheets Memrise course
<b>Geography</b> (Please see the 'Preparation for A-Level Geography 2020' section on the Y11 Geography page on Moodle for all resources/website area)	1) Review your GCSE coasts topic using your notes, textbook, CGP revision guide and workbook, Seneca Learning, Doodle and the resources on Y11 Geography Page on Moodle. When you are confident of your knowledge and understating of the GCSE content, read the ' <b>Coastal Landscapes' article, Geography Review, Sept 2017 pp2-6</b> and answer (in note form) the 4 'questions for discussion' at the end of the article AND complete the <b>AS-Level coasts examination question sheet</b> .	1) Review your GCSE geographical skills using your notes, textbook, CGP revision guide and workbook, Seneca Learning, Doodle and the resources on Y11 Geography Page on Moodle. When you are confident complete the <b>AS Level Geographical Skills examination questions</b> sheet.
	2) Review your GCSE hazards (tectonic and climatic) topic using your notes, textbook, CGP revision guide and workbook, Seneca Learning, Doodle and the resources on Y11 Geography Page on Moodle. When you are confident of your knowledge and understating of the GCSE content, read the ' <b>Drought and water security in California' article, Geography Review, Sept 2017 pp22-25</b> . Make notes on the causes, primary and secondary effects of the drought. To what extent can California cope with an increasingly warmer world? Also complete the <b>AS-Level hazards examination question sheet</b> .	2) Develop your enquiry skills by following the instructions to complete the <b>River Meander investigation sheet</b> AND then create your own mini NEA (coursework) investigation by following the instructions on ' <b>How and why does environmental quality vary in my local area?</b> ' sheet.
	3) Read the <b>Preparing for A-Level Geography 2020</b> Word document. Select a minimum of 3 suggestions to read / listen / watch from the <b>coasts or hazards</b> sections. Want more? Select from the general section at the start of the document. Look at the other topics suggestions too and/or select from the suggested activities on the <b>A-Level Prep, reading and video PowerPoint</b> .	3) Develop your GIS (Geographical Information Systems) skills using ArcGIS. See the instructions on the <b>Clothes and ArcGIS pdf</b> and also browse some of the <i>Storymaps</i> (see the <b>A-Level Prep, reading and video PowerPoint</b> for suggestions).  <b>Follow @RMGSGeography on Twitter</b> for geography in the news updates, independent learning suggestions, competitions and fun quizzes!
<b>History</b>	Complete summer preparation work from Moodle / website area on Interpretations of Henry VIII and Germany's unification.	Complete exercises on Moodle/ website area from chapters 2-4 on the role, influence and health of the Catholic Church in 1529.
	Complete exercises on Moodle / website area from chapters 1-2 on the role, influence and health of the Catholic Church in 1529.	Complete Exercises on Moodle/website area about how Bismarck controlled Germany between 1871-1890.
	Complete exercises on Moodle/ website area about what kind of country Germany was in 1871.	
<b>Maths</b>	Continue to work through the Transition booklet emailed via Mr White/ see Maths area on website. A copy of this booklet is available on the GCSE Higher Maths page on Moodle. Pupils should check solutions provided at the back of the booklet. This will highlight strengths and weaknesses. Students are advised to install the kindle app available on android/ios. Use it to access the following free book: <a href="https://www.amazon.co.uk/Head-Start-Level-Maths-2017-2018-ebook/dp/B06XD29GX2/ref=sr_1_4?dchild=1&amp;keywords=cgp+maths+A+Level&amp;qid=1585507241&amp;sr=8-4">https://www.amazon.co.uk/Head-Start-Level-Maths-2017-2018-ebook/dp/B06XD29GX2/ref=sr_1_4?dchild=1&amp;keywords=cgp+maths+A+Level&amp;qid=1585507241&amp;sr=8-4</a> Link available on GCSE HIGHER Moodle page	

	To complete the Hegarty Maths Transition skill set. 180 skills essential for A level Maths. Over both terms. Identify weak areas from the Transition booklet emailed by Mr White and focus initial work on those weak areas from Term 5: Number section + Algebra	To complete the Hegarty Maths Transition skill set. 180 skills essential for A level Maths. Term 6: Aim to complete Remaining Algebra section + Geometry.  Note this well may overrun into the Summer Break.
<b>Music</b>	<ul style="list-style-type: none"> <li>Using the guidance on Moodle/ website area, look at the development of Baroque and Classical Music (with a heavier focus on Classical)</li> </ul> <p>Watch the LSO Discovery A Level Overview of Musical Styles Part 1 (On Y12 Music Moodle in the "Useful Resources" section, towards the bottom)</p>	<ul style="list-style-type: none"> <li>Using the guidance on Moodle / website area, look at the development of 20<sup>th</sup> Century Music.</li> <li>Watch the LSO Discovery A Level Overview of Musical Styles Part 3 (On Y12 Music Moodle in the "Useful Resources" section, towards the bottom)</li> </ul> <p>Read, and listen to the examples, the article titled "Five chords that changed Classical Music for ever", found in the Useful Resources section on the Y12 Music Moodle page.</p>
	<ul style="list-style-type: none"> <li>Using the guidance on Moodle/ website area, look at the development of Romantic Music.</li> </ul> <p>Watch the LSO Discovery A Level Overview of Musical Styles Part 2 (On Y12 Music Moodle in the "Useful Resources" section, towards the bottom)</p>	Using the guidance on Moodle/ website area, look at the development of Popular Song (Blues, Jazz, Swing, and Big Band)
<b>Music Tech</b>	<ul style="list-style-type: none"> <li>Work on your music theory skills. Ensure you are at least a strong Grade V standard if not higher.</li> <li>If you are already confident in music theory, explore the world of Bach chorales – how to harmonise a melody. Use <a href="http://www.choraleguide.com/">http://www.choraleguide.com/</a> and work through the "Method" lessons initially, before exploring the other sections.</li> </ul> <p>Use the websites listed in the "Useful Resources" section on the Y12 Music Moodle page to help you, or contact your teacher if you have specific questions. Read the document on Moodle and complete task 1: Read "Key Principles of Music Technology", and make notes on its content.</p>	<p>Prepare a recital programme of at least 2 contrasting pieces to be performed in September. Aim for Grade VI or higher if possible.</p> <p>Continue task 2 on the document on Moodle.</p>
	Complete task 2 on the document on Moodle/ website area.	Complete task 3 on the document on Moodle/ website area.
<b>PE</b>	Year 11 into 12 transition booklet (see area on website)	Year 11 into 12 transition booklet (see area on website)
<b>Physics</b>	Make a start to activities within "A-level introductory" folder on Moodle/ website area. This includes activities to outline key maths and scientific skills for A-level, as well as a selection of suggested readings	Continue to work through A-level "introductory work" work.
	Aim to master GCSE course by working through Y11 Moodle page	Continue to master GCSE course.
		Do dark matter and energy research task.

<b>Politics</b>	A Level Politics Induction Booklet	
	Part One Activities 1-5	Part Two Activities 6-10
	Part Two: Current Affairs Diary	
<b>Psychology</b>		
<b>Religious Studies</b>	Background to the ancient Greeks	Ethics – What does it mean to be good?
	Plato	Aristotle
	Philosophy toolkit – inductive and deductive argument	Philosophy toolkit - fallacies
<b>Sociology</b>	Introduction to A Level Sociology Programme of Study	
	What is Sociology? Education Family Sociology is everywhere Education and Families in the News	Stratification and Differentiation Crime and Deviance
<b>Spanish</b>	Please see the updated and expanded Spanish Summer Activities sheet on the website.	
	Introduction to A Level independent study skills	Introduction to Hispanic culture
	Revision of core GCSE grammar	Revision of advanced GCSE grammar
	Identifying and correcting misconceptions	Practising A Level independent study skills