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**MEDEN**  
SCHOOL

13 June 2024

Dear Parent/Carer

The week commencing 17<sup>th</sup> June, Year 10 students will complete their mock assessments.

These are important so that we can assess where students are at, and provide feedback to them moving into Yr11. We have attached a list of topics that students can focus on in their revision. We have been talking to the students about the importance of these mock exams and we really appreciate your support with this.

It is essential that all students are attending school and are punctual. They will need a scientific calculator, clear pencil case and water bottle with no labels, along with their basic equipment that they can get replenished from their tutorial teacher. If anyone will struggle to get a scientific calculator, please contact Miss Wild [cwild@medenschool.co.uk](mailto:cwild@medenschool.co.uk).

We would like to wish all of our students every success in these mock exams and thank you for your continued support.

Kind regards

Miss C Wild  
Associate Senior Leader  
Teacher of Geography

Subject	Topics to revise	Top tips for revision/useful resources
<b>Maths</b>	<ol style="list-style-type: none"> <li>1. Number <ul style="list-style-type: none"> <li>• Structure and calculation</li> <li>• Fractions, decimals and percentages</li> <li>• Measures and accuracy</li> </ul> </li> <li>2. Algebra <ul style="list-style-type: none"> <li>• Notation, vocabulary and manipulation</li> <li>• Graphs</li> <li>• Solving equations and inequalities</li> <li>• Sequences</li> </ul> </li> <li>3. Ratio, proportion and rates of change</li> <li>4. Geometry and measure <ul style="list-style-type: none"> <li>• Properties and constructions</li> <li>• Mensuration and calculation</li> <li>• Vectors</li> </ul> </li> <li>5. Probability</li> <li>6. Statistics</li> </ol> <p>These will be assessed via 2 papers, each 1hr 30 minutes long. 1x non calculator and 1x calculator.</p>	<p>Revision Flash Cards: Use these to test yourself on key topics. If correct – test again in a couple of days, then a few days etc. If incorrect - test again the next day.</p> <p>Cheat Sheets: Create mind maps about a topic recording everything that you can remember – then use your notes to fill in the gaps in a different colour. Repeat the next week – can you remember more than the previous week?</p> <p>Past Papers: The only way to get better at maths is to do maths!! Speak to your teacher for either mixed or topic-based resources</p> <p>Dr Frost: This has a wealth of different material – you don’t need to be set something by your teacher to use it. Watch videos, practice questions, try exam questions.</p> <p>Videos and questions: Corbettmaths MrMorleyMaths</p>
<b>English Language</b>	<p>Language Paper 1:</p> <ul style="list-style-type: none"> <li>• Reading section: comprehension skills, language and structural analysis, evaluating a statement and making inferences</li> <li>• Writing section: writing to describe, using the DROP SHIFT ZOOM IN ZOOM OUT format to write about an image</li> </ul>	<p>BBC Bitesize: <a href="https://www.bbc.co.uk/bitesize/guides/zx9qmn/b/revision/1">https://www.bbc.co.uk/bitesize/guides/zx9qmn/b/revision/1</a> YouTube: Mr Bruff: <a href="https://www.youtube.com/watch?v=hMhQIX9DCcQ&amp;list=RDCMUUCM2vdqz-7e4HAuzhpFuRY8w&amp;start_radio=1&amp;rv=hMhQIX9DCcQ&amp;t=0">https://www.youtube.com/watch?v=hMhQIX9DCcQ&amp;list=RDCMUUCM2vdqz-7e4HAuzhpFuRY8w&amp;start_radio=1&amp;rv=hMhQIX9DCcQ&amp;t=0</a></p>

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<b>English Literature</b>	<p>Power and Conflict Poetry – comparing two poems</p> <p>Revise these key poems, thinking about main ideas, language and structural devices and context:</p> <ul style="list-style-type: none"> <li>• Remains</li> <li>• Exposure</li> <li>• Kamikaze</li> <li>• My Last Duchess</li> <li>• Bayonet Charge</li> </ul>	<p>BBC Bitesize:  <a href="https://www.bbc.co.uk/bitesize/guides/zq6m2p3/revision/1">https://www.bbc.co.uk/bitesize/guides/zq6m2p3/revision/1</a>  <a href="https://www.bbc.co.uk/bitesize/guides/z92qj6f/revision/1">https://www.bbc.co.uk/bitesize/guides/z92qj6f/revision/1</a></p> <p>YouTube: Mr Bruff:  <a href="https://www.youtube.com/playlist?list=PLqGFsWf-P-cAO64IBHZTFwTz2X0DD_Cxk">https://www.youtube.com/playlist?list=PLqGFsWf-P-cAO64IBHZTFwTz2X0DD_Cxk</a></p>
<b>Design &amp; Technology</b>	<p>Developments in New Materials – including:</p> <ul style="list-style-type: none"> <li>- Modern Materials</li> <li>- Smart Materials</li> <li>- Composite Materials</li> <li>- Technical Textiles</li> </ul> <p>Materials &amp; their Working Properties – including:</p> <ul style="list-style-type: none"> <li>- Papers &amp; Boards</li> <li>- Natural and Manufactured Timbers</li> <li>- Metals and Alloys</li> <li>- Polymers</li> <li>- Textiles</li> </ul>	<p>Pages 32-33 of the Revision Guide booklet.</p> <p>Pages 14-31 of the revision Guide Booklet.  Page 34 of the Revision Guide Booklet.  Pages 58-73 of the Revision Guide Booklet, (to allow a more detailed focus on ‘Woods, Metals and Plastics’).</p>

Subject	Topics to revise	Top tips for revision/useful resources
<b>Triple science</b>	<p>Biology: B1 Cells, B2 Organisation, B3 Infection and response; B4 Bioenergetics</p> <p>Chemistry: C1 Atomic structure, C2 Bonding, C5 Energy Changes, C8 Chemical analysis, C10 using Resources</p> <p>Physics: P1 Energy, P3 Particle Model, P4 Atomic Structure, P5 Forces, P6 Waves</p>	<p>BBC Bitesize and CGP Revision Guides: These youtube playlists: Biology: <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxVU74eQtCcqbaQdYmwzAnIC">https://www.youtube.com/playlist?list=PL9louNCPbCxVU74eQtCcqbaQdYmwzAnIC</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXGDt3ATU1xM_X_F8JghPCB">https://www.youtube.com/playlist?list=PL9louNCPbCxXGDt3ATU1xM_X_F8JghPCB</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxVQPNggka5bSs-IWe3L6OD8">https://www.youtube.com/playlist?list=PL9louNCPbCxVQPNggka5bSs-IWe3L6OD8</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz">https://www.youtube.com/playlist?list=PL9louNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz</a></p> <p>Chemistry: <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxULWXC09jt0PsuAbxYpw2_1">https://www.youtube.com/playlist?list=PL9louNCPbCxULWXC09jt0PsuAbxYpw2_1</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXmFgiKCM60Sglh-qOG_vIE">https://www.youtube.com/playlist?list=PL9louNCPbCxXmFgiKCM60Sglh-qOG_vIE</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxX74bPpz0TGVVmyGYgMarWu">https://www.youtube.com/playlist?list=PL9louNCPbCxX74bPpz0TGVVmyGYgMarWu</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXIBeaxebOG5yf_pGrxzOyR">https://www.youtube.com/playlist?list=PL9louNCPbCxXIBeaxebOG5yf_pGrxzOyR</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxVQ-jFybEAnf4D8Naid7qsx">https://www.youtube.com/playlist?list=PL9louNCPbCxVQ-jFybEAnf4D8Naid7qsx</a></p> <p>Physics <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxWNjJvmqWZ4vKy4VfcAhsCj">https://www.youtube.com/playlist?list=PL9louNCPbCxWNjJvmqWZ4vKy4VfcAhsCj</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxWdHszkb6n6503ommOpg_t7">https://www.youtube.com/playlist?list=PL9louNCPbCxWdHszkb6n6503ommOpg_t7</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXTU7zSX4lvJDLrtCEmqEMU">https://www.youtube.com/playlist?list=PL9louNCPbCxXTU7zSX4lvJDLrtCEmqEMU</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxUrQkFLoPwB67nDbhw2NfAO">https://www.youtube.com/playlist?list=PL9louNCPbCxUrQkFLoPwB67nDbhw2NfAO</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxX1-0Nr5_bMDJnN-9RqMuA6">https://www.youtube.com/playlist?list=PL9louNCPbCxX1-0Nr5_bMDJnN-9RqMuA6</a></p>
<b>Trilogy science</b>	<p>Biology: B1 Cells, B2 Organisation, B3 Infection and response; B4 Bioenergetics</p> <p>Chemistry: C1 Atomic structure, C2 Bonding, C5 Energy Changes, C8 Chemical analysis, C10 using Resources</p> <p>Physics: P1 Energy, P3 Particle Model, P4 Atomic Structure, P5 Forces, P6 Waves</p>	<p>BBC Bitesize and CGP Revision Guides: These youtube playlists: Biology: <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxVU74eQtCcqbaQdYmwzAnIC">https://www.youtube.com/playlist?list=PL9louNCPbCxVU74eQtCcqbaQdYmwzAnIC</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXGDt3ATU1xM_X_F8JghPCB">https://www.youtube.com/playlist?list=PL9louNCPbCxXGDt3ATU1xM_X_F8JghPCB</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxVQPNggka5bSs-IWe3L6OD8">https://www.youtube.com/playlist?list=PL9louNCPbCxVQPNggka5bSs-IWe3L6OD8</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz">https://www.youtube.com/playlist?list=PL9louNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz</a></p> <p>Chemistry: <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxULWXC09jt0PsuAbxYpw2_1">https://www.youtube.com/playlist?list=PL9louNCPbCxULWXC09jt0PsuAbxYpw2_1</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXmFgiKCM60Sglh-qOG_vIE">https://www.youtube.com/playlist?list=PL9louNCPbCxXmFgiKCM60Sglh-qOG_vIE</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxX74bPpz0TGVVmyGYgMarWu">https://www.youtube.com/playlist?list=PL9louNCPbCxX74bPpz0TGVVmyGYgMarWu</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXIBeaxebOG5yf_pGrxzOyR">https://www.youtube.com/playlist?list=PL9louNCPbCxXIBeaxebOG5yf_pGrxzOyR</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxVQ-jFybEAnf4D8Naid7qsx">https://www.youtube.com/playlist?list=PL9louNCPbCxVQ-jFybEAnf4D8Naid7qsx</a></p> <p>Physics <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxWNjJvmqWZ4vKy4VfcAhsCj">https://www.youtube.com/playlist?list=PL9louNCPbCxWNjJvmqWZ4vKy4VfcAhsCj</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxWdHszkb6n6503ommOpg_t7">https://www.youtube.com/playlist?list=PL9louNCPbCxWdHszkb6n6503ommOpg_t7</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxXTU7zSX4lvJDLrtCEmqEMU">https://www.youtube.com/playlist?list=PL9louNCPbCxXTU7zSX4lvJDLrtCEmqEMU</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxUrQkFLoPwB67nDbhw2NfAO">https://www.youtube.com/playlist?list=PL9louNCPbCxUrQkFLoPwB67nDbhw2NfAO</a> <a href="https://www.youtube.com/playlist?list=PL9louNCPbCxX1-0Nr5_bMDJnN-9RqMuA6">https://www.youtube.com/playlist?list=PL9louNCPbCxX1-0Nr5_bMDJnN-9RqMuA6</a></p>

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<b>History</b>	Germany 1919-24 Depression and the impact of it on people. The rise to Hitler as a dictator 1930-34 Nazis impact on the economy and workers. Nazi youth Medicine Public health 1830-1875 Christianity throughout Islamic medicine Jenner Hunter Pasteur Koch Public health 16 marker	Revision cards Timelines Revision guide on Bromcom GCSE pod
<b>Geography</b>	<p><b>Paper 1:</b>            Ecosystem components            Tropical rainforest distribution and characteristics            Effects of deforestation            Sustainable management of tropical rainforests            Plant and animal adaptations in hot deserts            Opportunities and challenges in hot deserts (Thar Desert)            Map skills            Coastal deposition landforms            Coastal management strategies            River erosion and deposition landforms            Flood management strategies</p> <p><b>Paper 2:</b>            Causes of urbanisation            Opportunities and challenges in a LIC/NEE city (Rio de Janeiro)            Urban sustainability (Curitiba and BedZed)            Map skills            Urban regeneration (London Docklands)            UK food            Positives and negatives of energy sources            Energy supply and consumption            Sustainable energy use</p>	Paper revision pack given to students Rio de Janeiro: <a href="https://www.youtube.com/watch?v=BHSo0mT9naY">https://www.youtube.com/watch?v=BHSo0mT9naY</a> London: <a href="https://www.youtube.com/watch?v=pCTcSj5rKfI">https://www.youtube.com/watch?v=pCTcSj5rKfI</a> UK resources: <a href="https://www.youtube.com/watch?v=qOamSTuxuhg&amp;list=PLp8BSCLLWBUcVT_HVxXzL74aBJIdBBqj&amp;index=9">https://www.youtube.com/watch?v=qOamSTuxuhg&amp;list=PLp8BSCLLWBUcVT_HVxXzL74aBJIdBBqj&amp;index=9</a> Tropical rainforests (GCSE Pod): <a href="https://members.gcsepod.com/shared/podcasts/title/11524/71017">https://members.gcsepod.com/shared/podcasts/title/11524/71017</a> Hot deserts (GCSE Pod): <a href="https://members.gcsepod.com/shared/podcasts/title/11523/71013">https://members.gcsepod.com/shared/podcasts/title/11523/71013</a> Rivers (GCSE Pod): <a href="https://members.gcsepod.com/shared/podcasts/title/11160/70197">https://members.gcsepod.com/shared/podcasts/title/11160/70197</a> Coasts (GCSE Pod): <a href="https://members.gcsepod.com/shared/podcasts/title/11159/68091">https://members.gcsepod.com/shared/podcasts/title/11159/68091</a>

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<b>Spanish</b>	<p>Skills:  <u>Reading and Listening</u> – Learn words. Ask a family member to test you on 10 mini cards a day.</p> <p><u>Writing</u> – revise past, present and future tenses. Revise complex phrases.</p> <p><u>Speaking</u> – Learn larger green flashcards for conversation.</p> <p><u>Topics:</u>  <b>(The Listening is a full paper and could cover any topic from KS3 and 4)</b></p> <ul style="list-style-type: none"> <li>• Self, Family and Friends</li> <li>• Free time (hobbies, sport, Music, TV, films)</li> <li>• Festivals and food</li> <li>• The environment</li> </ul>	<p>Use your CGP revision guide (AQA) to practice listening, reading, writing, speaking photocards.</p> <p>Ask someone to test you on 10 random words from your mini flashcards every day.</p> <p>Use your whiteboards to learn your speaking answers</p> <p>Revise tenses on BBC bitesize.  Grammar - <a href="https://www.bbc.co.uk/bitesize/examspecs/z4yyjvh">https://www.bbc.co.uk/bitesize/examspecs/z4yyjvh</a></p> <p>Revise words on quizlet - <a href="https://quizlet.com/join/gzKY48ZNq">https://quizlet.com/join/gzKY48ZNq</a></p>
<b>RE</b>	<p>Holy Trinity  Judgement  Crucifixion  Bible  Church growth  Reconciliation  Easter  Baptism  Mercy  Angels  Prophets  Zakah  Hajj  Salah  Festivals</p>	<p>Revision book that has been bought for each student.  Revision cards  Practice questions</p>

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<b>Computer Science</b>	All of Component 1: 1.1 Systems architecture 1.2 Memory and storage 1.3 Computer networks, connections and protocols 1.4 Network security 1.5 Systems software 1.6 Ethical, legal, cultural and environmental impacts of digital technology	<ul style="list-style-type: none"> <li>• Component 1 folders:               <ul style="list-style-type: none"> <li>○ Revision packs for each topic</li> <li>○ Knowledge Organisers</li> <li>○ Teacher Comp 1 Revision Notes</li> <li>○ Completed Paper Papers / Green Pen</li> <li>○ Revision Flash Cards</li> </ul> </li> <li>• Teams – lesson PowerPoints / worksheets</li> <li>• Seneca</li> </ul> <p><b><u>YouTube Links:</u></b></p> <p><b>Systems Architecture:</b>  <a href="https://go.click.ly/kvtaL">https://go.click.ly/kvtaL</a></p> <p><b>Memory</b>  <a href="https://go.click.ly/ifJaV">https://go.click.ly/ifJaV</a></p> <p><b>Storage</b>  <a href="https://go.click.ly/eosNB">https://go.click.ly/eosNB</a></p> <p><b>Wired &amp; Wireless Networks</b>  <a href="https://t.ly/f0DKr">https://t.ly/f0DKr</a></p> <p><b>Network Topologies, Protocols &amp; Layers</b>  <a href="https://t.ly/4rIvO">https://t.ly/4rIvO</a></p> <p><b>Systems security</b>  <a href="https://t.ly/yziUz">https://t.ly/yziUz</a></p> <p><b>Systems Software</b>  <a href="https://t.ly/mAnPz">https://t.ly/mAnPz</a></p> <p><b>Ethical, Legal, Cultural &amp; Environmental Concerns</b>  <a href="https://t.ly/cwXMc">https://t.ly/cwXMc</a></p>
<b>Health and social care</b>	Physical factors Lifestyle factors Social factors Cultural factors Economic factors Environmental factors – housing conditions, home environments, pollution Physiological indicators – heart rate, blood pressure, BMI	<p> <a href="https://www.youtube.com/watch?v=gfR4N_s-8-0">https://www.youtube.com/watch?v=gfR4N_s-8-0</a>  <a href="https://www.youtube.com/watch?v=-WdnX5ffW9U">https://www.youtube.com/watch?v=-WdnX5ffW9U</a>  <a href="https://www.youtube.com/watch?v=b90uJOo-Xw4">https://www.youtube.com/watch?v=b90uJOo-Xw4</a>  <a href="https://www.youtube.com/watch?v=rM9QAxFSBMU">https://www.youtube.com/watch?v=rM9QAxFSBMU</a> </p>

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<b>Hospitality and catering</b>	Students are to focus on the following: Unit 1- Hospitality and catering provision Unit 2- How hospitality and catering provisions operate Unit 3- Health and safety in hospitality and catering Unit 4- Food safety	BBC Bitesize is good to look and have a go at all sections.
<b>Art</b>	<p><b><u>Mock Project – Sea Life Brief</u></b></p> <p>Students must have all work completed in their sketchbooks ready to do their final outcome in the mock exam. Students will have the full day to complete a final outcome for the project so need to make sure they know <u>what they want to do</u>, <u>how they are going to do it</u> and make sure they have <u>practiced the idea</u> beforehand to ensure a high quality outcome.</p>	<p>Use the checklist to make sure all preparatory work is completed before the mock exam. Your teacher will give you a physical copy in the lesson as well as put it on Brom Com.</p> <p>If you want extra guidance on what a high quality sketchbook or project should look like, please check out the following links. Don't worry that they are mainly for GCSE rather than BTEC as the specifications are very similar.</p> <p><a href="https://www.youtube.com/watch?v=HTw_KqfWtD0">https://www.youtube.com/watch?v=HTw_KqfWtD0</a></p> <p><a href="https://www.youtube.com/watch?v=a0cwhq1GV14">https://www.youtube.com/watch?v=a0cwhq1GV14</a></p> <p><a href="https://www.studentartguide.com/articles/art-sketchbook-ideas">https://www.studentartguide.com/articles/art-sketchbook-ideas</a></p> <p><a href="https://www.bbc.co.uk/bitesize/examspecs/z8nq6rd">https://www.bbc.co.uk/bitesize/examspecs/z8nq6rd</a></p>