



Year 10 exams: in-class, Tuesday 8 January – Wednesday 16 January 2019

Exam guidance and revision

Subject	Exam Question(s)	Details and revision guidance
English	AO3: Comparing Writers' Ideas	<p>Students will be given two non-fiction extracts: one from the 21st Century and one from the 19th Century.</p> <p>Students will be expected to read two extracts and compare how the writers present ideas and attitudes. Both of the extracts will be related to the theme of <i>Society and Responsibility</i> which is the theme we study <i>An Inspector Calls</i> under.</p> <ul style="list-style-type: none">• Students can use <i>BBC Bitesize</i> to revise: https://www.bbc.com/bitesize/examspecs/zcbchv4 (<i>Analysing Non-Fiction</i> and <i>Comparing Texts</i> section)• Students can read a range of non-fiction texts (<i>The Guardian</i>, <i>The Times</i> and <i>The Telegraph</i> are the best place to start) to familiarise themselves with the form.• Students can research 19th Century context so they are familiar with the key factors such as: The Industrial Revolution; class structures; work etc.
Maths	General paper on all topics studied since September (higher and foundation available)	<p>Students will be given a one hour exam and they will be allowed to use a calculator. All working out must be shown in order to gain marks. The questions will be past GCSE questions. They will use a range of assessment techniques testing fluency, mathematical reasoning and problem solving covering number, geometry, algebra and statistics.</p> <p>To prepare for the exam, students will have been provided a list of topics and their corresponding <i>Hegarty Maths</i> numbers, so that they can visit the website and ensure they know exactly which areas will be tested.</p>
Biology	Cell Biology; Organisation; and Bioenergetics	<p>Students' class books will be useful for revising required practical activities</p> <p>Lesson content can be revised and tested by using books, revision guides, the exam specification and the GCSE bitesize website.</p>
Chemistry	Atomic structure and the periodic table; Bonding,	<p><u>Course documentation and sample exam papers</u></p>



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	structure, and the properties of matter	https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464
Physics	Energy; Electricity; Particle model of matter; and Atomic structure.	<p><u>Course information for revision on bitesize for our exam spec</u> https://www.bbc.com/bitesize/examspecs/z8r997h</p> <p><u>Revision guide ISBN</u> Combined science revision guides can be purchased for around £5 separate science revision guides can be purchased for around £7 Biology revision guide ISBN: 978-0-19-835930-2 Chemistry revision guide ISBN: 978-0-19-835931-9 Physics revision guide ISBN: 978-0-19-835932-6</p> <p>Biology revision guide ISBN: 978-0198359401 Chemistry revision guide ISBN: 978-0198359418 Physics revision guide ISBN: 978-0198359425</p> <p>This is a useful channel on YouTube that has quick, straight to the point videos. <u>Freesciencelessons channel</u> https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw</p>
3D	Final design presentation	<p>You will be using the in-class assessment time to create your final design for your lamp. You should consider presenting your design in isometric view (3D). You should also consider which side of your lamp design you would like to draw. You should present the drawing with colour and tone along with labelling of all important features and materials.</p> <p>The following link gives some helpful sketching tips for a designer https://www.youtube.com/watch?v=IM_zvACz2og . The Vimeo channel https://vimeo.com/idsketching also has some helpful tips.</p>



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Art	AO1, Image Visual Analysis	In the week before the exam, you will be completing a Coached Mock in class. This will give you valuable tips regarding knowledge and exam technique for you to then use in your own exam. The learning that you take from that preparation lesson will therefore be invaluable.
Computer Science	Paper 1 and Paper 2 – content covered so far	<p>Videos for all topics can be found at https://www.youtube.com/watch?v=t8H6-anK0t4&list=PLCiOXwirraUAvkTPDWeeSqAKty3LAG37-</p> <p>Topics for revision:</p> <p>Paper 1</p> <ul style="list-style-type: none">✓ The central processing unit and its performance (cache, clock speed, control unit)✓ RAM and ROM✓ Virtual Memory✓ Secondary Storage (optical, flash and magnetic)✓ Von Neumann Architecture Registers✓ Operating Systems✓ Embedded Systems✓ Utility Programs <p>Paper 2</p> <ul style="list-style-type: none">✓ Sorting algorithms (merge, bubble, insertion)✓ Linear and binary searches✓ Basic pseudocode✓ Logic gates and truth tables✓ Maths in pseudocode✓ Flowcharts✓ Abstraction and Decomposition



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Drama	Component One, sections A + B – theatre makers and set texts	<p>Three sections:</p> <p>A: Four, one mark multiple choice questions on theatre makers and conventions.</p> <p>B: 4 questions on the set text (<i>Blood Brothers</i>).</p> <ol style="list-style-type: none">1. A design skill. Costume/set etc (4 marks).2. How you would perform one line from the extract (8 marks).3. How you would perform the shaded part of the extract (12 Marks).4. How you would perform a character from the extract and in the play as a whole (20 marks). <p>Students should work their way through the bespoke revision guide they are provided with. This contains everything that they need to excel in this section of the course; example answers, annotated answers, mark schemes, all past question, paragraph plans and key words.</p> <p>For section B, there is no better preparation than knowing the set text. Rereading, making notes on characters, scenes, themes etc.</p> <p>Students should also make sure they have identified four moments for each of the main characters from the set text and be prepared to write in detail about how to perform them. There is a section in the revision guide dedicated to this. We won't know which character is selected until the exam so every (main) character must be prepared for. Additionally, plan to write about set and costume for each character.</p>
Food	Food Preparation and Nutrition sample exam paper (two lessons)	<p><i>Revision Topics are:</i></p> <p>Ingredients used in bread and choux pastry</p> <p>Heat Transfer</p> <p>Nutrition and nutritional values – focus on fat</p>



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		<p>Primary and secondary processing in food manufacture</p> <p>Roux Sauces</p> <p>Recipe Modification</p> <p>Functional and chemical properties of macro-nutrients</p> <p>Preservation</p> <p>Special diets – Vegetarianism</p> <p>Food Spoilage and Food waste</p>
French	Listening and Reading	<p>The assessment will cover modules 1-3 and will be a mixture of higher and foundation content. Your teacher will be giving you <i>Quizlet</i> study sets to look at and will also add recommended revision websites to <i>Show My Homework</i> for listening and reading practice.</p> <p>There will be a speaking element too: this will be completed in class.</p>
Geography	Living with the physical environment	<p>Students will need to revise all topics from ‘The challenge of natural hazards’ and Ecosystems and Tropical Rainforests from ‘The Living World’, notes can be found at https://www.bbc.com/bitesize/topics/z87k4j6 . Students should also use their own notes in exercise books and the A3 mind-maps handed out in lessons.</p>
History	<p>Medicine in Britain 1250 – present</p> <p><i>and</i></p> <p>The British sector of the Western Front 1914 – 18: injuries, treatment and the trenches</p>	<p>There will be a short answer knowledge test on all of the topics studied in the Medicine through time unit.</p> <p>There will be a 16 mark question, <i>how far do you agree?</i> This will be on the <i>Medicine through time</i> topic.</p> <p>There will be a complete historical environment (medicine in the trenches) paper. Exercise books contain the work that needs to be revised.</p> <p>All of the revision work that you have completed in lessons and the revision guide attached to <i>Show My Homework</i>.</p> <p>There are commercially available revision books and workbooks (e.g. ISBN 9781292169729)</p>



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Information Technology	The Project Life Cycle and Mitigating Risks	<p><u>Topics to revise:</u></p> <ul style="list-style-type: none">✓ The four stages of the project life cycle (PLC).✓ Inputs and Outputs at the four stages of the PLC.✓ SMART goals.✓ SWOT analysis✓ Pert and Gantt charts✓ Mitigating risks✓ Laws in IT✓ Types of Malware
Media		<p>Students will be asked to explore the significance of <i>Representation</i> in one of their advertising set texts and an unseen advert.</p> <ul style="list-style-type: none">• Students should revise their advertising set text (<i>This Girl Can</i> and <i>Quality Street</i>) ensuring that they are able to pick out key features of Media Language (the set texts can be found here: https://www.eduqas.co.uk/qualifications/media-studies/gcse/Eduqas-Media-Studies-GCSE-Component-1-Section-A-Set-Products-a.pdf?language_id=1)• Students should revise the context of each set texts and how they reflect the time they were produced in.• Students could look at a range of other adverts and explore the representation of key groups (age, gender, class etc.) <p>Students can use the fact sheets from the exam board to support with the content: http://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rlid=950</p>
Music	Unit 3 Paper: Listening and Appraising	<p>The Year 11 Listening paper will be based on the following set works: <i>Defying Gravity</i> by Stephen Schwartz, <i>Killer Queen</i> by Queen and <i>Music for a While</i> by Purcell. The paper will comprise of listening activities and an essay question. Please use the following resources to enable you to do</p>



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		your best in this paper: Revision resources have been uploaded to <i>Show My Homework</i> , your annotated scores (remember, if you have missed lessons, it is your responsibility to ensure your scores are up to date) and your revision guides.
PE	<p>Paper 1: The human body and movement in physical activity and sport</p> <p><i>and</i></p> <p>Paper 2: Socio-cultural and well-being in physical activity and sport</p>	<p><i>Paper 1:</i></p> <p>The skeletal system The muscular system Type and structure of joints Movement</p> <p><i>Paper 2:</i></p> <p>Health Diet Somatotype</p> <p>All of these topics can be revised by using <i>Kerboodle</i> and <i>The Everlearner</i> websites.</p>
RE	Religion and Ethics, topics 2 and 4	<p>Students will need to revise all content from the 'marriage and family' and 'matters of life and death' topic. Students can use their class notes and the core text book to help aid with their revision. The following website is useful for knowledge needed on Christianity.</p> <p>https://www.bbc.com/bitesize/examspecs/zy7spbk</p>
Spanish	Listening and Reading	<p>The assessment will cover modules 1-3 and will be a mixture of higher and foundation content. Your teacher will be giving you <i>Quizlet</i> study sets to look at and will also add recommended revision websites to <i>Show My Homework</i> for listening and reading practice.</p> <p>There will be a speaking element too: this will be completed in class.</p>