

# Year 9 and Year 10 Revision Summary 2019

## GCSE Mathematics

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9	<b>Non-calculator</b>  Range of topics: See topic list on Show my Homework.	<a href="https://hegartymaths.com">https://hegartymaths.com</a>  Topic lists refer to videos on Hegarty Maths.	<b>Non-calculator</b>  1 hour, 30 minutes	Revise Maths by DOING maths!  Complete past papers or specific topic exam questions and check the answers.
10	Range of topics: See topic list on Show My Homework. Different for Foundation and Higher.	<a href="https://hegartymaths.com">https://hegartymaths.com</a>  Topic lists refer to videos on Hegarty Maths.  Full details and advice on which topics to revise are available on Show My Homework.	<b>Non-calculator</b>  1 hour, 30 minutes  and  <b>Calculator</b>  1 hour, 30 minutes	Revise maths by DOING maths!  Complete past papers or specific topic exam questions and check the answers.

## GCSE English Language

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9	English Language Paper 1	<p>Revision materials can be found:  <a href="https://www.bbc.com/education/topics/zs3chv4">https://www.bbc.com/education/topics/zs3chv4</a></p> <p>Students can watch a range of videos by Stacey Reay to help them prepare for the assessment:  <a href="https://www.youtube.com/playlist?list=PLQE65hp6MwUpHmFqAJxsgvQZtdceH9D-J">https://www.youtube.com/playlist?list=PLQE65hp6MwUpHmFqAJxsgvQZtdceH9D-J</a></p> <p>Students can also look at the 'English Language Paper 1' section of the attached booklet for guidance on tackling each question:  <a href="https://www.kemplar.herts.sch.uk/Learning/English/GCSE_English_Language_Papers_1_and_2_Revision_Guide.pdf">https://www.kemplar.herts.sch.uk/Learning/English/GCSE_English_Language_Papers_1_and_2_Revision_Guide.pdf</a></p> <p>Pages 1 – 21 of this booklet also offers guidance and has some practice questions for students to tackle as part of their revision:  <a href="https://www.riddlesdown.org/Media/English%20Language%20Revision%20Pack.pdf">https://www.riddlesdown.org/Media/English%20Language%20Revision%20Pack.pdf</a></p>	1 hour 45 minutes	Students can access resources to prepare for the exam on Show my Homework.
10	Explorations in creative reading and writing	<p>Revision materials can be found by clicking on the analysing fiction and writing fiction sections:  <a href="https://www.bbc.com/education/examspecs/zcbchv4">https://www.bbc.com/education/examspecs/zcbchv4</a></p> <p>Practice paper:  <a href="https://www.bbc.com/bitesize/guides/z8bkwx/revision/1">https://www.bbc.com/bitesize/guides/z8bkwx/revision/1</a></p> <p>Practice paper:  <a href="https://www.orwellfoundation.com/the-orwell-youth-prize-for-teachers/gcse-english-language-practice-papers/">https://www.orwellfoundation.com/the-orwell-youth-prize-for-teachers/gcse-english-language-practice-papers/</a></p> <p>Link to you tube channel with respected teacher of English Mr Bruff:  <a href="https://www.youtube.com/channel/UCM2vdqz-7e4HAuzhpFuRY8w">https://www.youtube.com/channel/UCM2vdqz-7e4HAuzhpFuRY8w</a></p>	Time - 1 hour reading section 45 minute writing section	Students can select pictures from Google image and craft narrative and descriptive responses. The focus should be on the crafting process with particular focus on the use of imaginative vocabulary, figurative devices and the overall development of ideas.

## Science

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9	GCSE combined paper including the following topics: <ul style="list-style-type: none"> <li>Biology – <i>Communicable disease</i>;</li> <li>Chemistry – <i>Atomic structure and the periodic table</i>;</li> <li>Physics – <i>Particle model of matter</i>.</li> </ul>	Revision materials can be found:  <a href="https://drive.google.com/file/d/1CzEP2A2t8HE_DYxK0HIF3hEJVMhGNKF0/view?usp=sharing">https://drive.google.com/file/d/1CzEP2A2t8HE_DYxK0HIF3hEJVMhGNKF0/view?usp=sharing</a>	50 mins	Students should use the information and materials placed on the PowerPoint that can be found on the Google drive link.

## Combined Science - Biology

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
10	GCSE Combined Science Biology  1) Cell Biology 2) Organisation 3) Infection and response 4) Bioenergetics	GCSE Bitesize: <a href="https://www.bbc.com/education/topics/zthssrd">https://www.bbc.com/education/topics/zthssrd</a>  Biology Google drive: <a href="https://drive.google.com/drive/folders/0B2h98W2gK1SYVzVocFRaVDNydGM">https://drive.google.com/drive/folders/0B2h98W2gK1SYVzVocFRaVDNydGM</a>  Kerboodle: <a href="https://www.kerboodle.com/">https://www.kerboodle.com/</a>  Students can also purchase revision guides and exam question booklets:  Revision Guide (£5.50) for the Combined Science revision guide including all content for Biology, Chemistry and Physics. Pages 1-10 and pages 11- 57 and pages 232-241.	1 hour, 15 minutes	Students should use the information and materials in the on-line Kerboodle text book and BBC Bitesize to revise. They should test their understanding by completing the questions on the Google drive.

## **Combined Science - Chemistry**

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
10	GCSE Combined Science Chemistry  6) Rates and extent of chemical change 7) Organic Chemistry 8) Chemical analysis 9) Chemistry of the atmosphere 10) Using resources	GCSE Bitesize: <a href="https://www.bbc.com/education/topics/z88jjty">https://www.bbc.com/education/topics/z88jjty</a>  Chemistry Google Drive: <a href="https://drive.google.com/drive/folders/0B2h98W2gK1SYRDN3Qk9HbFFNYTg">https://drive.google.com/drive/folders/0B2h98W2gK1SYRDN3Qk9HbFFNYTg</a>  Kerboodle: <a href="https://www.kerboodle.com/">https://www.kerboodle.com/</a>  Students can also purchase revision guides and exam question booklets:  Revision Guide (£5.50) for the Combined Science revision guide including all content for Biology, Chemistry and Physics. Pages 1-10 and pages 142-166 and pages 232-241.	1 hour, 15 minutes	Students should use the information and materials in the on-line Kerboodle text book and BBC Bitesize to revise. They should test their understanding by completing the questions on the Google drive.

## **Combined Science - Physics**

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
10	GCSE Combined Science Physics  1) Energy 2) Electricity 3) The particle model of matter 4) Atomic structure	GCSE Bitesize: <a href="https://www.bbc.com/education/topics/zqw77p3">https://www.bbc.com/education/topics/zqw77p3</a>  Physics Google drive: <a href="https://drive.google.com/drive/folders/0B2h98W2gK1SYVVFVzaERNZC16Smc">https://drive.google.com/drive/folders/0B2h98W2gK1SYVVFVzaERNZC16Smc</a>  Kerboodle: <a href="https://www.kerboodle.com/">https://www.kerboodle.com/</a>  Isaac Physics: <a href="https://isaacphysics.org/">https://isaacphysics.org/</a>  Students can also purchase revision guides and exam question booklets:  Revision Guide (£5.50) for the Combined Science revision guide including all content for Biology, Chemistry and Physics. Pages 1-10 and pages 167- 200 and pages 232-241.	1 hour, 15 minutes	Students should use the information and materials in the on-line Kerboodle text book and BBC Bitesize to revise. They should test their understanding by completing the questions on the Google drive or Isaac Physics.

## **Triple Science - Biology**

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
10	GCSE Triple Science Biology 1) Cell Biology 2) Organisation 3) Infection and response 4) Bioenergetics	GCSE Bitesize <a href="https://www.bbc.com/education/examspecs/zpgcbk7">https://www.bbc.com/education/examspecs/zpgcbk7</a>  Biology Google drive: <a href="https://drive.google.com/drive/folders/0B2h98W2gK1SYVzVocFRaVDNyG_M">https://drive.google.com/drive/folders/0B2h98W2gK1SYVzVocFRaVDNyG_M</a>  Kerboodle: <a href="https://www.kerboodle.com/">https://www.kerboodle.com/</a>  Students can also purchase revision guides and exam question booklets: <ul style="list-style-type: none"> <li>Revision Guide (£3.00) for the Biology revision guide. Pages 1-64 and pages 126-130.</li> </ul>	1 hour, 45 minutes	Students should use the information and materials in the on-line Kerboodle text book and BBC Bitesize to revise. They should test their understanding by completing the questions on the Google drive.

## **Triple Science - Chemistry**





Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
10	GCSE Triple Science Chemistry 6) Rates and extent of chemical change 7) Organic Chemistry 8) Chemical analysis 9) Chemistry of the atmosphere 10) Using resources	GCSE Bitesize: <a href="https://www.bbc.com/education/examspecs/z8xtmnb">https://www.bbc.com/education/examspecs/z8xtmnb</a>  Chemistry Google Drive: <a href="https://drive.google.com/drive/folders/0B2h98W2gK1SYRDN3Qk9HbFFNYTg">https://drive.google.com/drive/folders/0B2h98W2gK1SYRDN3Qk9HbFFNYTg</a>  Kerboodle: <a href="https://www.kerboodle.com/">https://www.kerboodle.com/</a>  Students can also purchase revision guides and exam question booklets:  Revision Guide (£3.00) for the Chemistry revision guide. Pages 2-11 and pages 67-110.	1 hour, 45 minutes	Students should use the information and materials in the on-line Kerboodle text book and BBC Bitesize to revise. They should test their understanding by completing the questions on the Google drive.

## Triple Science - Physics

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
10	GCSE Triple Science Physics 1) Energy 2) Electricity 3) The particle model of matter 4) Atomic Structure	<p>GCSE Bitesize:  <a href="https://www.bbc.com/bitesize/examsp/ecs/zsc9rdm">https://www.bbc.com/bitesize/examsp/ecs/zsc9rdm</a></p> <p>Physics Google drive:  <a href="https://drive.google.com/drive/folders/0B2h98W2gK1SYVfVzaERNZC16Smc">https://drive.google.com/drive/folders/0B2h98W2gK1SYVfVzaERNZC16Smc</a></p> <p>Kerboodle:  <a href="https://www.kerboodle.com/">https://www.kerboodle.com/</a></p> <p>Isaac Physics:  <a href="https://isaacphysics.org/">https://isaacphysics.org/</a></p> <p>SAM Learning:  <a href="https://platform.samlearning.com/manager/manager-home">https://platform.samlearning.com/manager/manager-home</a></p> <p>Seneca Learning:  <a href="https://www.senecalearning.com/">https://www.senecalearning.com/</a></p> <p>Students can also purchase revision guides and exam question booklets:</p> <p>Revision Guide (£3.00) for the Physics revision guide. Pages 11 - 50.</p>	1 hour, 15 minutes	Students should use the information and materials in the on-line Kerboodle text book and BBC Bitesize to revise. They should test their understanding by completing the questions on the Google drive, Isaac Physics, SAM Learning, or Seneca Learning.

## GCSE Spanish





- **Reading/Listening (Y9) Speaking (Y10):** To be held during lessons - class teacher to inform of day/period.
- **Writing:** 1 hour examination in Sports Hall.

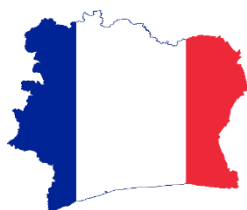
Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9	<ul style="list-style-type: none"> <li>• Family</li> <li>• Free time: sports and hobbies</li> <li>• TV/Film</li> <li>• Reading</li> <li>• Shopping</li> <li>• Clothes</li> <li>• Daily routine</li> <li>• Food</li> <li>• Celebrating a birthday/ eating out</li> <li>• Festivals</li> <li>• Idols/role models</li> <li>• Places in the town</li> </ul>	 <a href="https://tinyurl.com/ybdnpk34">https://tinyurl.com/ybdnpk34</a>	1 hour written paper	<p>Scan in the QR code for the revision resources that have been placed on Google Drive.</p> <p>The materials include Quizlets, practice questions and information PowerPoints.</p> <p>You should also review model answers and completed DIRT questions in your exercise books from this year.</p>
10	<ul style="list-style-type: none"> <li>• Healthy Living (exercise, food, lifestyle choices)</li> <li>• My town and region (where I live; attractions; positives and negatives)</li> <li>• Environment</li> <li>• Global issues</li> </ul>	  	1 hour written paper	



## GCSE French

- **Reading/Listening (Y9) Speaking (Y10): To be held during lessons - class teacher to inform of day/period.**
- **Writing: 1 hour examination in Sports Hall.**

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9	<ul style="list-style-type: none"> <li>• Family</li> <li>• Free time: sports and hobbies</li> <li>• TV/Film</li> <li>• Reading</li> <li>• Shopping</li> <li>• Clothes</li> <li>• Daily routine</li> <li>• Food</li> <li>• Celebrating a birthday/eating out</li> <li>• Festivals</li> <li>• Idols/role models</li> <li>• Places in the town</li> </ul>	 <a href="https://tinyurl.com/ybdnpk34">https://tinyurl.com/ybdnpk34</a>	1 hour	<p>Scan in the QR code for the revision resources that have been placed on Google Drive.</p> <p>The materials include Quizlets, practice questions and information PowerPoints.</p> <p>You should also review model answers and completed DIRT questions in your exercise books from this year.</p>
10	<ul style="list-style-type: none"> <li>• Healthy Living (exercise, food, lifestyle choices)</li> <li>• My town and region (where I live; attractions; positives and negatives)</li> <li>• Environment</li> <li>• Global issues</li> </ul>	  	1 hour	





## GCSE History

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9	Crime and Punishment 1000-Present Day	<p>Revision materials can be found:  <a href="http://history.rossettschool.co.uk/epic-quizlets.html">http://history.rossettschool.co.uk/epic-quizlets.html</a>  <a href="http://history.rossettschool.co.uk/exam-booklet-revision.html">http://history.rossettschool.co.uk/exam-booklet-revision.html</a></p> <p>Students can also purchase revision guides from school</p> <ul style="list-style-type: none"> <li>Revision Guide (£3.50)</li> </ul>	50 mins	Students should use the epic Quizlet placed on the Rossetthistory website. Test yourself, if you achieve 70% + then fill in the practice questions. Watch the booklet plan guide video and add to your answers.
10	USA Conflict Home and Abroad  American west	<p>Revision materials can be found:  <a href="http://history.rossettschool.co.uk/epic-quizlets.html">http://history.rossettschool.co.uk/epic-quizlets.html</a>  <a href="http://history.rossettschool.co.uk/exam-booklet-revision.html">http://history.rossettschool.co.uk/exam-booklet-revision.html</a></p> <p>Students can also purchase revision guides from school</p> <ul style="list-style-type: none"> <li>Revision Guide (£3.50)</li> </ul>	1 hour, 45 mins	Students should use the epic Quizlet placed on the Rossetthistory website. Test yourself, if you achieve 70% + then fill in the practice questions. Watch the booklet plan guide video and add to your answers.


## GCSE Geography

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9	<ul style="list-style-type: none"> <li><b>Living World</b> (Ecosystems, Rainforests <b>NOT</b> Deserts)</li> <li><b>The Challenge of Natural Environments</b> (Natural hazards, tectonic hazards, climate hazards, climate change)</li> </ul>	<p>A 50 minute paper will include a combination of knowledge and skill based GCSE style questions. There are multiple choice, short answers and one nine mark question on the topics.</p> <p>Revision Resources:  <a href="https://rossettgeography.weebly.com/">https://rossettgeography.weebly.com/</a>            Revision Guide (£5.00)            Practice exam question booklets (£3.50.)</p>	1 hour	Use the website to find revision resources and help with exam technique. Password: <b>ro55ett</b> Tab GCSE
10	<ul style="list-style-type: none"> <li><b>The Challenge of Natural Environments</b> (Natural hazards, tectonic hazards, climate hazards, climate change)</li> <li><b>Urban issue and challenges</b></li> <li><b>Living world</b> (Ecosystems, Tropical rainforests and Coasts)</li> <li><b>Physical landscapes in the UK</b> (coasts and rivers)</li> </ul>	<p>A 1 hour 50 minute paper will include a combination of knowledge and skill based GCSE style questions. There are multiple choice, short answers and one nine mark question on the above topics.</p> <p><a href="https://rossettgeography.weebly.com/">https://rossettgeography.weebly.com/</a>            Revision Guide (£5.00)            Practice exam question booklets (£3.50)</p>	2 hours	Use the website to find revision resources and help with exam technique. Password: <b>ro55ett</b> Tab GCSE

## GCSE Computer Science

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9/10	Computer Systems, Programming and Algorithms	<p>For access to all revision materials use:  <a href="https://teams.microsoft.com/">https://teams.microsoft.com/</a></p> <p>For all class material use:  <b>Teams 2018-G1C-CS1</b></p> <p>Websites to practice questions and test yourselves are:  <a href="https://www.101computing.net">https://www.101computing.net</a>  <a href="https://www.testandtrack.io/">https://www.testandtrack.io/</a>  <a href="https://www.samlearning.com/">https://www.samlearning.com/</a></p>	50 mins	<p>Students should use the materials placed on Office 365 within the Teams group <b>2018-G1C-CS1</b>. Students should also use their revision guides/exercise books to revise the key topics.</p> <ul style="list-style-type: none"> <li>• Systems Architecture, including Memory and Storage</li> <li>• Programming theory</li> <li>• Data Representation</li> <li>• Testing</li> <li>• Algorithms including writing, searching and sorting</li> </ul>

## GCSE Philosophy and Ethics

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9/10	GCSE Philosophy and Ethics Assessment	<p>Use the website to find revision resources and help with exam technique. Click KS4 on the menu:</p> <p><a href="https://rossettrep.weebly.com">https://rossettrep.weebly.com</a></p> 	1 hour, 45 mins	<p>You will have one written assessment. You will answer four questions in total:</p> <ul style="list-style-type: none"> <li>• Two questions on Philosophy (Christian Beliefs)</li> <li>• Two questions on Ethics (Theme B Religion and Life and Theme E Crime and Punishment)</li> </ul> <p>Each question has five parts worth 1, 2, 4, 5 and 12 marks. You should spend 25 minutes on each question.</p>

## GCSE Business Studies

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9 / 10	<p>GCSE Business Studies</p> <p>Topic 1: Business Activity Topic 2: Marketing Topic 3: People</p> <p>80 marks</p>	<p>GCSE Business Studies Specification: <a href="https://ocr.org.uk/Images/304213-specification-accruited-gcse-business-j204.pdf">https://ocr.org.uk/Images/304213-specification-accruited-gcse-business-j204.pdf</a></p> <p>MCQ practice: <a href="https://ocr.org.uk/qualifications/gcse/business-j204-from-2017/planning-and-teaching/">https://ocr.org.uk/qualifications/gcse/business-j204-from-2017/planning-and-teaching/</a></p> <p>BBC Bitesize: <a href="https://www.bbc.com/bitesize/subjects/zpsvr82">https://www.bbc.com/bitesize/subjects/zpsvr82</a></p> <p>Business Ownership at Music Festivals: <a href="https://www.youtube.com/playlist?list=PLcvEcrsF_9zKPyJbp03k9Ak0c1wYHP_V8">https://www.youtube.com/playlist?list=PLcvEcrsF_9zKPyJbp03k9Ak0c1wYHP_V8</a></p> <p>Topic 2 Marketing notes from Tutor2u: <a href="https://www.tutor2u.net/business/reference?level=2998&amp;q=marketing">https://www.tutor2u.net/business/reference?level=2998&amp;q=marketing</a></p> <p>Revision resources, including knowledge maps to help develop your AO1 content skills are on your Business Studies class Microsoft Team. Please ask your teacher for details.</p>	1 hour, 30 minutes	<p>Students should use their exercise books and the materials provided in class.</p> <p>Students should refer to their teacher's feedback and DIRT lessons in their purple assessment books.</p> <p>Students should also use these revision notes, YouTube clips and activities to help their revision.</p>

## GCSE PE

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9/10	<p>Paper 1: Applied Anatomy and Physiology/ Physical Training</p> <p>Paper 2: Sports Psychology</p>	<p>Revision resources can be found on BBC Bitesize, the examination board is OCR and the link is below: <a href="https://www.bbc.com/education/examspecs/zp49cwx">https://www.bbc.com/education/examspecs/zp49cwx</a></p> <p>Students can also purchase revision guides. Letters for these can be collected from the PE Office.</p> <ul style="list-style-type: none"> <li>Revision Guide (£6.50)</li> </ul> <p>Link to Rossett GCSE PE Quizlet for all content: <a href="https://quizlet.com/join/38QWsf2w">https://quizlet.com/join/38QWsf2w</a></p>	1 hour	Students should use the materials provided in lessons, the content on Bitesize and also the revision guide.

## GCSE Design Technology

Year	Topic/Paper	Revision Resources/Links	Time	How to prepare
9/10	<p>Specialist area</p> <ol style="list-style-type: none"> <li>1. Forces</li> <li>2. Stock forms</li> <li>3. Metals – indoor and outdoor use</li> <li>4. Timbers and stock forms</li> <li>5. Production methods</li> <li>6. Finishes</li> <li>7. Material characteristics</li> </ol> <p>Designing and Making principles</p> <ol style="list-style-type: none"> <li>1. Suitability</li> <li>2. Anthropometrics</li> <li>3. Isometric drawing</li> <li>4. Orthographic drawing</li> <li>5. Prototypes/models</li> <li>6. Analysing a product</li> </ol> <p>Core technical principles</p> <ol style="list-style-type: none"> <li>1. Thermo-setting polymers</li> <li>2. Properties of natural fibres</li> <li>3. Corrugated card – uses and applications</li> <li>4. Renewable energy – pros and cons</li> <li>5. Harvested MDF</li> <li>6. Flat pack furniture – the features that make it suitable for mass production</li> <li>7. Industrial process – CNC Router – manufacture and application</li> </ol>	<p>Revision guide</p> <p>Exercise books</p> <p><a href="http://www.technologystudent.com">www.technologystudent.com</a></p> <p><a href="http://www.bbc.com/education/subjects/zvg4d2p">www.bbc.com/education/subjects/zvg4d2p</a></p> <p><a href="https://www.youtube.com/watch?v=yLCCnitrgwE">https://www.youtube.com/watch?v=yLCCnitrgwE</a></p> <p><a href="http://www.technologystudent.com/cam/cnc1.htm">http://www.technologystudent.com/cam/cnc1.htm</a></p> <p><a href="http://www.technologystudent.com/cam/cnc2.htm">http://www.technologystudent.com/cam/cnc2.htm</a></p>	2 hours	Students should use the materials provided in lessons and the information in their theory books. The website Technology student.com has revision material available.