



Year 8 Exam Revision Booklet

25-29 January 2021

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Introduction

a) What are the Year 8 Exams?

The Year 8 Exams will be taking place in most subjects in the week beginning Monday 25th January. While these exams do not lead to any external qualifications, they are an important benchmark for both school and home to see how well your child is progressing. They will take place in their individual classrooms and will be 50 minutes in length in most subjects.

The exams will cover most/ all of the content covered by the students since they started at Gillotts in Year 7. The topics which your child needs to revise are detailed in the following pages. The style of these tests will be modelled on GCSE questions and will cover the command words (e.g. describe, explain, analyse) which are used by the exam boards.

Your child's performance in these exams will be reported home to you as part of the Term 4 report. A separate exam grade will be included in this report and this will help to inform your child's overall 'Current Grade'.

b) Will my child be taking exams in all subjects?

While your child will be taking exams in most subjects during the Exam week, there are some subjects (art & design, dance, drama and PE) in which they will not be taking an exam.

c) When will the exams take place?

The exams will mainly take place according to the exam timetable which is available on the school website.

d) What happens if your child is absent from school?

If your child is absent from school, we will put in place arrangements for the exam to be completed at a later date.

e) How can my child prepare for the exams?

While some revision will be completed in school over the next few weeks, it is also very important that your child completes revision at home to help prepare for these exams. This will ensure that they are as thoroughly prepared as possible for these exams - and will also help them develop the study/ revision skills required for GCSE and beyond.

A starting point for this revision will be to ensure that your child has all his/ her exercise books to revise from. You should then work with your child to put together a revision timetable which identifies slots for each subject for revision.

The following pages also include some details on revision and different revision strategies which your child can use. Your child's tutor will spend time over the next couple of weeks working through this booklet with your child, including putting together a revision timetable.

f) Who should you contact with any questions about the exams?

If you have any questions or concerns about the exams, please contact your child's tutor in the first instance.

g) What equipment should students bring to each test?

For every test students must bring:

- Black Biro/ pens (at least two)
- Calculator
- Pencils (at least two) – preferably HB
- Colouring pencils
- Ruler (preferably 30cm ruler)
- Eraser
- Protractor
- Pair of Compasses
- A clear pencil case / bag to keep everything in
- A pencil sharpener

Please also note that water bottles should not have any labels/ writing on them.

Year 8 Exam Timetable

Please follow this link for the [Year 8 Exam Timetable](#)

Which topics will the tests cover in each subject?

Subjects	Which topics will the tests cover?	How can I revise in each subject?	What additional resources can I use to help me revise?
Creative Technologies (Computing, Food, Design Technology) - individual exams for these areas Please note that students will only sit one exam for the subject of Rotation 2 (02.11.20 - 29.01.21)	<i>Computing</i> The importance of Binary in computing. How we code using Scratch and read text based code.	Revision materials will be accessible on Google Classroom. Additional copies available from class teachers upon request.	<i>Computing</i> http://www.bbc.co.uk/education/subjects/zvc9q6f www.codeacademy.com
	<i>Food</i> <ul style="list-style-type: none"> • Nutrition, Macro and Micronutrients, Healthy Eating, The eatwell guide, obesity • 4C's, personal hygiene, cross contamination, critical temperatures • The function of ingredients in cakes • Food science - coagulation, aeration • Seasonal food, food miles, vegan and vegetarian diets • Food provenance - where our food comes from 	Revision materials will be accessible on Google Classroom. Additional copies available from class teachers upon request. Students can also use their ebooks	<i>Food</i> https://www.youtube.com/watch?v=UIQIHg99HG0 https://www.youtube.com/watch?v=fiFi-d0RwKo https://www.youtube.com/watch?v=0kbw_WWkK_M https://www.youtube.com/watch?v=flxmB8NKMzE
	<i>Design Technology</i> Core drawing skills CAD/CAM Product Analysis - ACCESS FM Design Briefs & Specifications Biomimicry Core Materials Design and modelling	Revision materials will be accessible on Google Classroom Additional copies available from class teachers upon request.	<i>Design Technology</i> www.technologystudent.com

English	<p>Persuasive Writing</p> <p>Non-fiction texts</p>	<p>When revising English you should:</p> <ul style="list-style-type: none"> ● plan a variety of writing tasks; ● ensure you understand the styles and features required when writing for different purposes (e.g. to persuade; to describe...), audiences (e.g. adults, friends) and formats (e.g. letter, newspaper article); ● improve your understanding of how to use punctuation appropriately and for effect; ● improve your knowledge of different ways to structure sentences; ● reflect upon why paragraphing is important and consider how they add structure to texts; ● refresh your memory of different techniques that are used in writing (for example: metaphors, similes...); ● learn spellings that are commonly used; ● read widely (e.g. newspapers, BBC news website...) and think about how writers have made use of the above bullet points in their work. 	<p>http://grammar-monster.com/</p> <p>http://www.bbc.co.uk/bitesize/ks3/english/reading/sentences/revision/5/</p> <p>https://www.grammarly.com/</p> <p>Revision materials will be available on Google Classroom.</p>
Geography	<p>The following topics will be included in the geography exam:</p> <p>Global inequality and development</p> <ul style="list-style-type: none"> - Meaning of LIC, HIC and NEE - what is life like in different countries - Indicators of development e.g life expectancy, Infant mortality, GNI - how can they tell you which countries are rich/poor 	<p>Students should use their exercise books to review what has been learnt this year. They should look at writing skills and targets that they have been given throughout the year.</p>	<p>Students can use their classwork books as well as online tools such as GCSE Pod and BBC KS3 Bitesize</p> <p>https://www.gcsepod.com</p> <p>https://www.bbc.com/bitesize/subjects/zrw76sg</p>

	<ul style="list-style-type: none"> - Human development index - what it is and how does it how levels of development - Reasons for inequality between countries - landlocked countries, colonialism, conflict, climate etc - Reasons for migration - Food inequality - starvation - over nutrition - South Sudan food crisis - impacts and responses - Health inequality - comparing healthcare in India and Japan - Globalisation - advantages and disadvantages - TNCs - advantages and disadvantages e.g. Coca-cola, McDonalds, Apple - Fair trade/unfair trade <p>Geographical skills</p> <ul style="list-style-type: none"> - using map skills 4 & 6 figure grid references, scale, compass direction, symbols - using latitude & longitude to locate places - interpreting photographs - completing and interpreting graphs (e.g. bar charts, pie charts, line graphs, climate graphs) 		
History	<p>Topics:</p> <ul style="list-style-type: none"> ● The Gunpowder Plot ● The English Civil War <p>Skills:</p> <ul style="list-style-type: none"> ● Knowledge 	<p>Revision materials accessible on Google Classroom.</p> <p>Additional copies available from class teachers upon request.</p>	<p>BBC Bitesize</p> <ul style="list-style-type: none"> ● The Gunpowder Plot ● The English Civil War ● Seneca Learning: History KS3 (5.1,5.2)

Maths	Students will be told which Stage papers they are taking by their class teacher.	Revising Maths = doing questions to find out what you know and do not know and then addressing areas that you get wrong using mathswatch. Students should do questions on each topic on the revision list and aim for 100% accuracy - you are only a Master when you never get it wrong. Most students, who get low scores are those who assume they are masters without checking this assumption by doing questions under test conditions to see if they can i) recall what to do and ii) apply their knowledge to unseen questions typical of those that appear in exams	www.vle.Mathswatch.co.uk (do interactive questions and worksheets) Revision Lists and practice questions will also be posted on google classroom
MFL	French Film & TV, hobbies, a recent trip,, weekend activities, Present and past tenses	Students should use classwork and exercise books to review what they have learnt this year & last year. They should go through previous assessments and use targets in books to guide revision.	Students' exercise books. https://www.pearsonactivelearn.com/ username: school email address password: Gillotts123 Students select Studio 2 - Red for students studying 2 languages, Green for students studying double French Studio 1 will also be useful.
	German school - subjects/opinions/school day Describing house, home and town Present & future tenses.	Students should use classwork and exercise books to review what they have learnt this year & last year. They should go through previous assessments and use targets in books to guide revision.	Students' exercise books. https://www.pearsonactivelearn.com/ username: school email address password: Gillotts123 Students select Stimmt 1 Quizlet
	Spanish describing a town, what you do in town, a past holiday. Free time activities Present, past and future tenses.	Students should use classwork and exercise books to review what they have learnt this year & last year. They should go through previous assessments and use targets in books to guide revision.	Students' exercise books. https://www.pearsonactivelearn.com/ username: school email address password: Gillotts123

			Students select Viva 1 & 2
Music	Information about topics we have studied this year, including: Notes on the stave, rhythms and music vocabulary and listening to and identifying different tempos, dynamics and instruments. Students will also be asked to notate rhythms and melodic pitch which they have been covering in class.	Read through the revision pack and practice at home.	Revision pack will be available on Google Classroom.
RS	Judaism Beliefs about God, Torah, Synagogue, Ten Commandments, Sabbath, worship in the home. Christianity Understanding the key beliefs and practices of this religion.	Students should use their exercise books to review writing skills and use notes to make revision flashcards.	KS3 Bitesize - Judaism, Christianity http://request.org.uk/issues/ultimate-questions/
Science	Science Units from Year 7 7B1 Organisms (Movement and Cells) 7B2 Ecosystems (Interdependence and Plant Reproduction) 7B3 Genes (Variation and Human Reproduction) 7C1 Matter (Particles and Separating Mixtures) 7C2 Reactions (Metals, Non Metals and Acids and Alkalis) 7C3 Earth- Earth Structure and Universe 7P1 Forces- Speed and Gravity 7P2 Electromagnetism- Voltage and Resistance and Current 7P3 Energy- Energy Cost and Transfer This exam will not contain content from year 8 units taught so far this year	Students should use their exercise book from last year to make revision flashcards. Lots of other online revision methods are shown opposite.	Year 7 Science resource page- revision power points and online revision videos on youtube https://sites.google.com/gillotts.org.uk/gillottsscience/ks3-resources/year-7?authuser=0 KS3 BBC Bitesize: https://www.bbc.co.uk/bitesize/subjects/zng4d2p Educake self setting revision quizzes (students have their own personal log in details. https://www.educake.co.uk/ Revision guide advice found here: https://sites.google.com/gillotts.org.uk/gillottsscience/ks3-resources?authuser=0

How to revise effectively?

a) **Being organised**

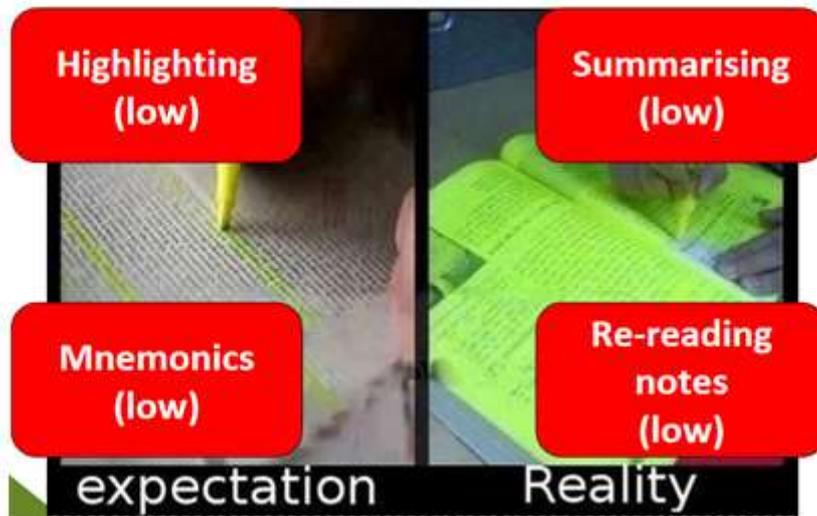
- Being organised is a key to successful revision. This will include:
 - Having a quiet place to revise
 - Ensuring that all your revision resources (including exercise books) are available
 - Planning your revision for each subject (a revision timetable) and sticking to it
 - Rewarding yourself when you meet your revision targets and catching up if you do not

b) **Producing a Revision Timetable**

- It is very easy just to revise the subjects which you enjoy the most or are best at.
- However, the Exams will cover most of your subjects and it is important that you do well in all of them.
- Producing a revision timetable which covers all the subjects is really important - this should involve shorter bursts of revision in each subject (and coming back to subjects) rather than trying to cover everything in one go.
- It is important that English and maths are a central part of this schedule - but please do not forget all the other subjects.
- We recommend doing revision in 30 minute bursts.

Examples of revision techniques which your child might use:

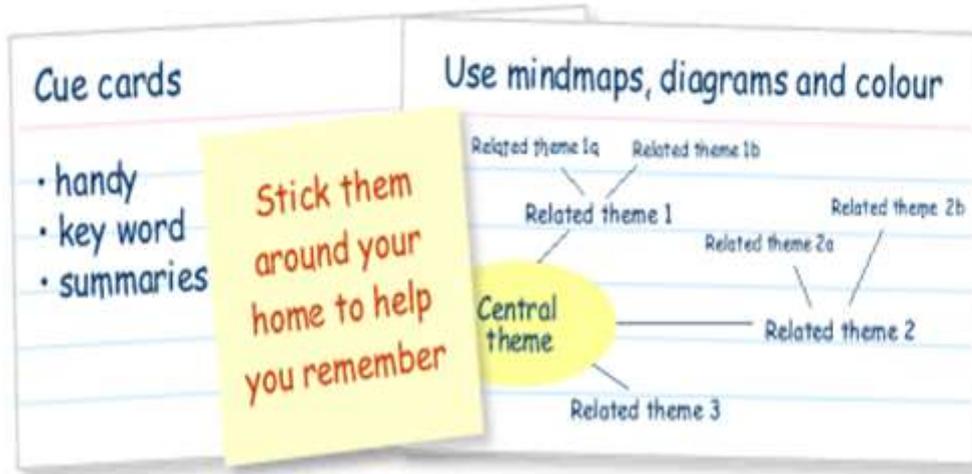
Research suggests these methods don't work...



Research suggests these methods work...



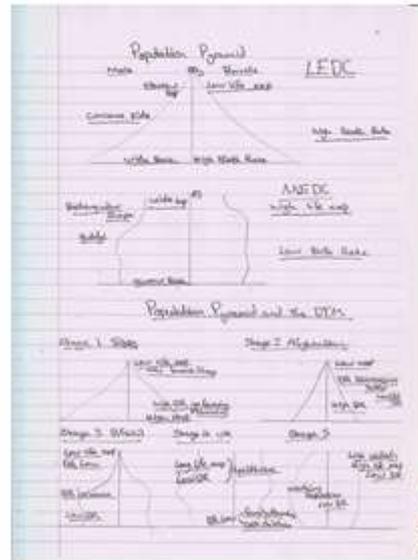
CUE CARDS



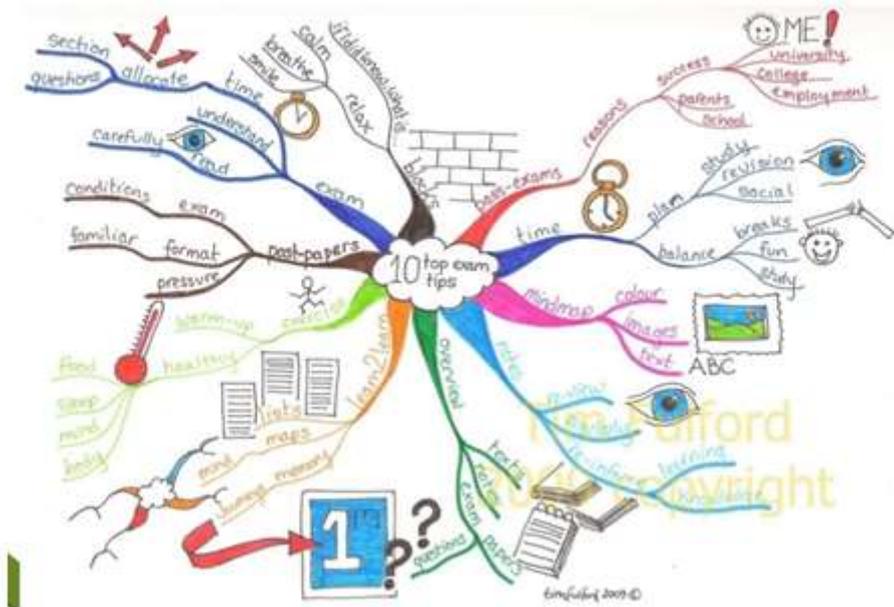
Examples of Revision Cards



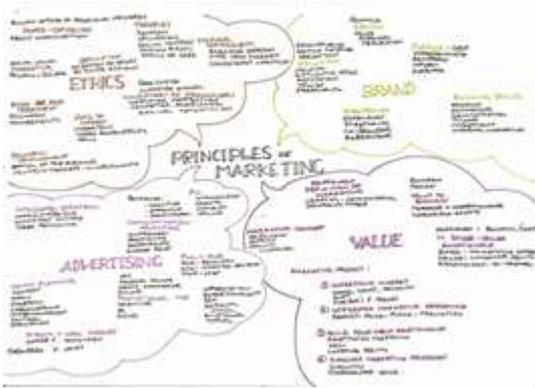
Revision Notes



MIND MAP



Examples of mind maps/ spidergrams



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Key Terms and definitions

Definitions

- **Saturated:** Ground where the pores are full and can contain no more water.
- **Unsaturated:** Ground where there is still space between the pores.
- **Water table:** The border between saturated and unsaturated ground. The water table may go up or down.
- **Permeable:** Surfaces that allow water to pass through them.
- **Impermeable:** Surfaces that do not allow water to pass through them.
- **Pores:** Gaps between soil and gravel that water can fill.
- **Aquifer:** Rock that can hold water.
- **Aquiclude:** Rock that can not hold water.
- **Porous:** Rock with pore spaces and cracks in it.
- **Non-porous:** Rock with no pore spaces or cracks in it.
- **Condenses:** When water vapour turn into water droplets. Water can only condense around **condensation nuclei**
- **Antecedent Moisture:** Amount of water in the soil before additional precipitation
- **Topography:** The shape of the land

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