



# **KS3 REVISION BOOKLET**

**Year 7**

**Maria Fidelis Catholic School FCJ**

**2016**

## **What will I find in this booklet?**

1. An introduction focusing on revision techniques
2. A revision tips mind map
3. Subject-specific revision activities with stretch and challenge activities



# Contents Page

Maria Fidelis Catholic School 2016

Page 1: Introduction to Revision

Page 6: Exam Timetable

Page 7: English

Page 8: Mathematics

Page 10: Science

Page 11: RE

Page 12: French

Page 13: Geography

Page 14: History

Page 15: Latin

Page 16: Music



# An Introduction to Revision

Maria Fidelis Catholic School 2016

This booklet aims to help you prepare for your forthcoming summer exams. We have high expectations at Maria Fidelis and therefore it is important that you try your hardest to achieve the best grade possible.

We suggest that you begin by creating a revision timetable so that you do not overload, or under-load, yourself. Revision should be carried out in blocks of 45 minutes and you should factor in time for a break. A sample timetable is shown below. Make up a similar timetable according to your own school day and stick it up on your bedroom wall or in your study area to help you to keep on top of home study and revision. Good Luck!

	5 – 5:45pm	15 minute break	6 – 6:45pm	Dinner time	7:30-8:15 pm	15 minute break	8:30-9:15pm
Monday	English revision		Maths revision		Science revision		RE revision
Tuesday	MFL revision		Geography revision		History revision		English revision
Wednesday	Latin revision		Art revision		DT revision		Maths revision
Thursday	Geography revision		History revision		ICT revision		Science revision
Friday	MFL revision	Latin revision	RE revision	Time out!			
	10 – 10:45 am	45 minute break	11:30 – 12:15pm	Lunch	2 – 1:45 pm	1 hour break	3:45 – 4:30 pm
Saturday	English revision		Geography revision		Maths revision		MFL revision
Sunday	Science revision		History revision		RE revision		Art revision

### **Features of a Good Revision Plan!**

No matter what the task, all good revision plans have the following 5 features:

1. List each topic in each subject.
2. Decide upon the area/s that require the most attention, e.g. the topics you find most difficult.
3. Work out how much time you have before the tests begin.
4. Match the topics to the time you have, giving more time to the topics requiring the most attention.
5. Tick off the completed work.

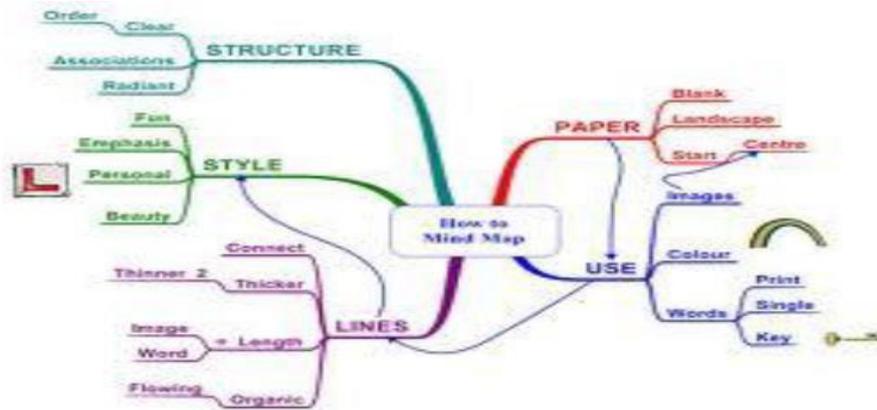
### **The morning of the test:**

- Have a good, healthy breakfast
- Check you have the equipment you will need
- Imagine positive situations
- Leave the house with plenty of time to spare
- Bring water with you.

### **Exam Technique:**

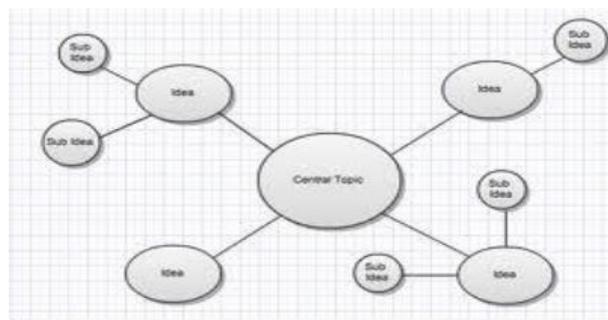
- Read questions carefully
- Have spare pens, pencils and rulers at the ready.
- Give yourself time checkpoints
- Underline key words in questions
- In Maths, don't miss out any steps in your workings out
- Move on if you are unsure of a question. You can return to this later
- Distribute time on a question in relation to the number of marks that are available
- Go back over your answers and double check them
- Do not leave questions unanswered.

**Mind Maps:** Mind Maps are excellent memory techniques because, by using a mixture of colour, pictures and imaginations with logical and sequential information, they use both sides of your brain. Condense your notes and organise them by theme, main ideas and details. An example is shown below:



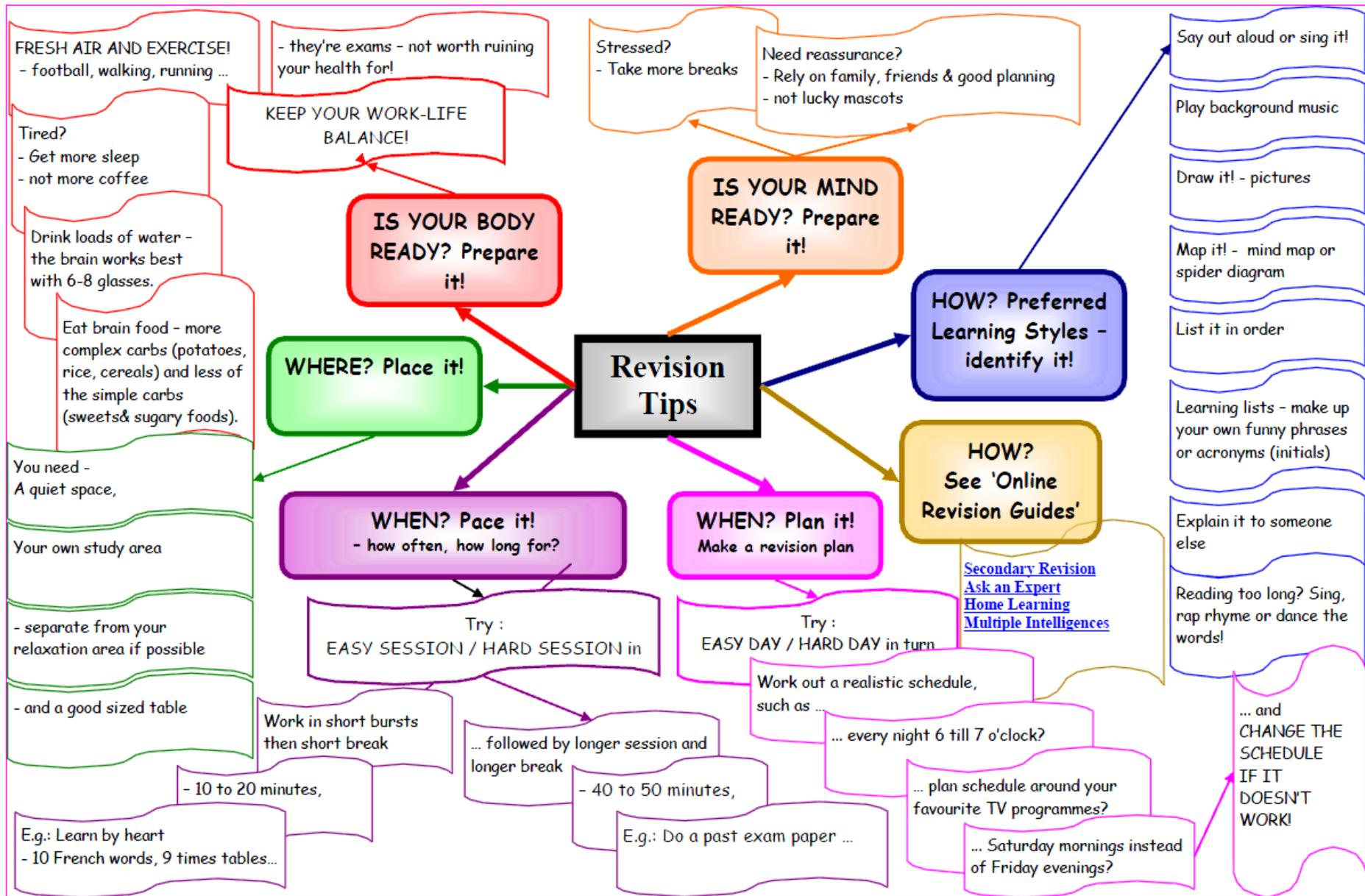
**Spider Diagrams:** Before you begin revising a topic, you might like to test yourself and see what you know first. This will help to show you how competent you are in a particular area; to see exactly what you need to revise and how much time you should be spending on it. Once you have divided your revision up into manageable sections and allocated time to each part, devote five minutes at the start of each study session to creating a spider diagram detailing all that you can recall about that area of knowledge.

Write the title of the section in the middle of your paper and draw a ring around it. Divide the large section into smaller sub-sections by writing sub-headings around the main word. Use these words as the foundations from which to build your own thoughts around. Recalling certain facts and arguments will lead you to other connected information and ideas. Once you have written all that you can, take a look at your revision guide, class notes or textbook and try to establish what has been left out. After refreshing your mind on the information you were already familiar with, your revision session should be centred on filling gaps in your knowledge.



**Cue Cards:** Note/cue cards are always really handy for when you're out and about. List definitions and rules you need to know or write key words from which you can fill in the gaps to tell the whole story. These are also (very!) handy for learning language vocabulary. You do not have to buy them as you can make them yourself by cutting up paper or card. Once filled in, these cards will allow you to reclaim time that would have been wasted – on the bus/train. Don't forget to place key words on one side of the cue card and the definition of the word on the other side of the card. You can then get friends or family to test you on the definition.





## Exam Timetable

23<sup>rd</sup> June – 1<sup>st</sup> July 2016

	P1 08.30-09.30	P2 09.30-10.30	P3 11.00-12.00	P4 12.00-13.00	P5 14.00-15.00
Thurs 23/06/16	Geography Gym	Normal Lessons P2	English Gym		History Gym
Fri 24/06/16	DT/ICT (early finish for Maths exam)		Maths I Gym	Normal Lessons P5	Normal Lessons P6
Mon 27/06/16	KS2 SATS Yr 7 Catch-Up	Normal Lessons P2	Normal Lessons P4	Normal Lessons P5	Maths 2 Gym
Tues 28/06/16	RE Gym	Normal Lessons P2	Science Gym	Normal Lessons P5	Normal Lessons P6
Wed 29/06/16	Normal Lessons P1	Normal Lessons P2	7, 8 & 9 Latin Hall	Normal Lessons P5	Mass
Thurs 30/06/16	Art Gym	Normal Lessons P2	MFL Gym	Normal Lessons P5	Normal Lessons P6

## Subject: English



### **Topics to be revised:**

- Section A: comparing two non-fiction texts
- Section B: writing non-fiction

### **Subject Specific Strategies for Revising:**

- You will be given two texts to read in section A. You can prepare for this by reading as much non-fiction as you can, e.g. newspaper articles from *The Guardian* or *The Times*.
- Use the articles you read to practise the 4 questions you have looked at in class, e.g. practising by finding the language techniques in the articles.
- In section B, you will have to write your own article/letter/speech. You can prepare for this by working on your punctuation; writing different sentence types; learning the techniques to use and writing practice questions.
- One of the biggest problems pupils face in English exams is running out of time, so it is important that you practise writing under timed conditions.

### **Stretch and Challenge – Home Study Activities:**

- Read non-fiction articles from the nineteenth century. You can find these on the following link: <http://www.britishnewspaperarchive.co.uk/>
- <http://www.englishbiz.co.uk/>
- <http://www.teenreads.com/>
- <http://www.epicreads.com/>
- <http://www.booktrust.org.uk/books/teenagers/>

### **Wider reading:**

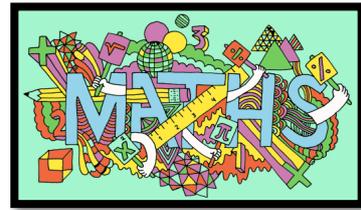
- Broaden your understanding of historical texts by increasing your knowledge of the Victorians: <http://www.bl.uk/victorian-britain>
- <http://www.victorianweb.org/>
- <http://www.bl.uk/learning/online-resources>

### **Useful Websites:**

- <http://www.theguardian.com/uk>
- <http://www.bbc.co.uk/bitesize/ks3/english/reading/>
- <http://schoolreadinglist.co.uk/>
- <http://www.channel4learning.com/support/websites/english.html>
- <http://www.funenglishgames.com/grammargames.html>
- <https://howtospell.co.uk/spellingquiz.php>

# Subject: Mathematics

## 7A



### **Topics to be revised:**

- Analysing and displaying data
- Number skills
- Equations, functions and formulae
- Fractions
- Angles and shapes
- Decimals
- Equations
- Multiplicative reasoning
- Perimeter, area and volume
- Sequences and graphs

### **Subject Specific Strategies for Revising:**

- Write revision cards
- Peer tutoring – work together
- Answer questions – the best way to revise Maths is through doing questions, use the revision materials or the links below.
- Use revision guides and workbooks – available for purchase

### **Stretch and Challenge – Home Study Activities:**

- Kangaroo Maths – Stage 6  
(<http://www.kangaroomaths.com/kenny3.php?page=KassessKS3>)
- Nrich investigations <http://nrich.maths.org/secondary-lower>
- Maths Watch CD available for purchase

### **Wider reading:**

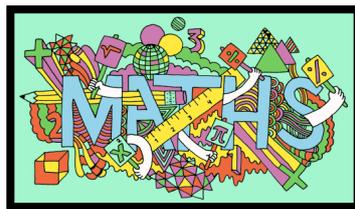
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### **Useful Websites:**

- <https://www.mymaths.co.uk/> Make sure that you have your log-in and password as well as the following: login – maria, password - volume
- <https://www.mathsisfun.com/>
- [www.math-drills.com](http://www.math-drills.com)
- <http://www.mrbartonmaths.com/>
- <https://hegartymaths.com/>
- [www.bbc.co.uk/education](http://www.bbc.co.uk/education) (KS3 Maths)

# Subject: Mathematics

## 7C, 7F, 7L, 7W



### **Topics to be revised:**

- Analysing and displaying data
- Number skills
- Expressions, functions and formulae
- Decimals and measures
- Fractions
- Probability
- Ratio and proportion
- Lines and angles
- Sequences and graphs
- Transformations

### **Subject Specific Strategies for Revising:**

- Write revision cards
- Peer tutoring – work together
- Answer questions – the best way to revise Maths is through doing questions, use the revision materials or the links below.
- Use revision guides and workbooks – available for purchase

### **Stretch and Challenge – Home Study Activities:**

- Kangaroo Maths – stage 4 and 5  
(<http://www.kangaroomaths.com/kenny3.php?page=KassessKS3>)
- Nrich investigations <http://nrich.maths.org/secondary-lower>
- Maths Watch CD available for purchase

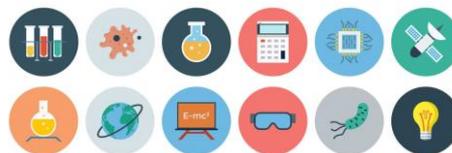
### **Wider reading:**

- n/a

### **Useful Websites:**

- <https://www.mymaths.co.uk/> Make sure that you have your log-in and password as well as the following: login – maria, password - volume
- <https://www.mathsisfun.com/>
- [www.math-drills.com](http://www.math-drills.com)
- <http://www.mrbartonmaths.com/>
- <https://hegartymaths.com/>
- [www.bbc.co.uk/education](http://www.bbc.co.uk/education) (KS3 Maths)

## Subject: Science



### **Topics to be revised:**

- Biology: cells and microscopy, plant and animal reproduction, interdependence and feeding relationships and nutrition
- Chemistry: chemical changes (combustion), physical changes (simple separation techniques), particle theory, simple word equations, Earth resources, acids and alkalis
- Physics: forces, electricity and magnetism
- How science works skills (planning, analysis and evaluating practicals)

### **Subject Specific Strategies for Revising:**

- Learn facts in Science by reading books, using websites and using flash cards for recall
- Apply these facts to novel situations by using quizzes on Doodle and tests from websites below

### **Stretch and Challenge – Home Study Activities:**

- Read Science sections in newspapers or news websites such as BBC
- Visit free museums such as the Science museum
- Watch documentaries with David Attenborough, Dara O Brian or Brian Cox

### **Wider reading:**

- KS3 revision guides
- Scientific journals such as National Geographic or New Scientist
- Catalyst and Biological Science Review: targeted to higher level (beyond KS3)

### **Useful Websites:**

- <http://www.bbc.co.uk/education/subjects/zng4d2p>
- <http://www.s-cool.co.uk>
- <http://inteleducationresources.intel.co.uk/keystage3.aspx?id=80>
- Doodle learn (need username and password recorded in school journal):  
<https://www.doodlelearn.co.uk>

## Subject: RE



### **Topics to be revised:**

- 7.1 Revelation and Faith
- 7.2 God's Promises Fulfilled
- 7.3 The Saviour
- 7.4 The Church
- 7.5 The Sacraments
- 7.6 Hinduism

### **Subject Specific Strategies for Revising:**

- Learn keywords for each module
- Make sure you have read the following stories
  - Abraham and the challenges he faced
  - Pentecost Acts2
- Make sure you read the question twice and underline the command words
- Support all points made with a clear explanation and examples
- Practice writing under timed conditions

### **Stretch and Challenge – Home Study Activities:**

- Think about why the Sacrament of Reconciliation is so important.
- Discuss this sacrament with your parents.

### **Wider reading:**

- Broaden your understanding of Catholic Christianity by increasing your knowledge of the faith: <http://www.reonline.org.uk/>

### **Useful Websites:**

- <http://www.tere.org/>
- [http://www.vatican.va/archive/ENG0015/\\_INDEX.HTM](http://www.vatican.va/archive/ENG0015/_INDEX.HTM)
- <http://www.bbc.co.uk/religion/religions/christianity/>
- <http://www.bbc.co.uk/religion/religions/hinduism/>

# Subject: French



## **Topics to be revised:**

- Describing yourself and others
- School
- Hobbies and Free Time Activities
- Where I live
- Vocabulary on the list distributed in class

## **Subject Specific Strategies for Revising:**

- Cue cards arranged per topic and the associated vocabulary. Ask someone to test you
- Write vocabulary out and make your own tests
- Use the folded paper technique to help you learn vocabulary
- Practise writing pieces about yourself, trying to cover as many topic areas and vocabulary as you can. Remember the success criteria to prepare yourself for the written part of your exam

## **Stretch and Challenge – Home Study Activities:**

- Watch your favourite films and TV programmes in French
- Read familiar tales in French
- Download and listen to some French podcasts

## **Wider reading:**

- Ask the librarian for any French reading books in the library
- Look for age appropriate reading material, online

## **Useful Websites:**

- <http://www.languagesonline.org.uk/Hotpotatoes/Index.htm>
- [www.bbc.co.uk/languages/french](http://www.bbc.co.uk/languages/french)
- <https://quizlet.com/>
- [www.memrise.com/](http://www.memrise.com/)

## Subject: Geography



### Topics to be revised:

- Plate Tectonics
- Maps and Settlement
- Weather and Climate
- Rivers and Flooding

### Subject Specific Strategies for Revising:

- There are many keywords and definitions to learn. You could do this using cue cards (keyword on the front, definition on the back)
- Practice drawing all four plate boundaries, sketch maps and the water cycle. All diagrams need titles and should be done in pencil
- Making a keyword crossword with clues created from the definitions are good to swap between friends!
- Use books to revise Pangaea, settlement patterns, maps, land use change, weather instruments, rainfall types, river features, rivers of the world and causes of flooding
- Make key word flash cards and ask people to help you
- **Numeracy:** 4 and 6 figure map grid references
- **Literacy:** Social, Economic and Environmental – know their effects!

### Stretch and Challenge – Home Study Activities:

- Revise specific case studies e.g. Nepal earthquake and be able to give real world examples from various topics
- Practise drawing geographical diagrams- especially for physical geography (conservative, destructive, collision and constructive boundaries). The diagrams must be annotated
- Make a list of the Social, Economic and Environmental impacts of the geographical issues that have been studied and consider ways to solve the problems

### Wider reading:

- <http://www.geography.org.uk/resources/flooding/>
- <http://geography.org.uk/resources/earthquake-and-tsunami-resources/>

### Useful Websites:

- <http://www.bbc.co.uk/education/subjects/zrw76sg> EXCELLENT WEBSITE
- <http://www.3dgeography.co.uk/#!settlement-geography/c11jl>
- <http://www.bbc.co.uk/news> for studying current issues in the course

# Subject: History



## **Topics to be revised:**

- Romans
- Black Death
- Crusades
- Henry VIII
- Bloody Mary
- Elizabeth I

## **Subject Specific Strategies for Revising:**

- Make sure your exercise book is complete with all your lessons on the topics above
- If you feel you have not completed notes on all the above topics use websites such as BBC bitesize to help you
- Read through your notes and highlight important facts or things you have forgotten
- Create a mindmap/index card/acrostic of all the things you have highlighted
- Get someone to test you on your mindmap/index card/acrostic.

## **Stretch and Challenge – Home Study Activities:**

Try watching some additional documentaries on these topics, these can be found at:

- <http://timelines.tv/>
- <http://www.history.com/>

## **Wider reading:**

- <http://www.historylearningsite.co.uk/>
- <http://spartacus-educational.com/>

## **Useful Websites:**

- <http://www.bbc.co.uk/education/subjects/zk26n39>
- <http://www.johndclare.net/>
- <https://schoolhistory.co.uk/>

## Subject: Latin



### **Topics to be revised:**

- Nominative and accusative, singular and plural nouns
- Present tense, perfect tense and imperfect tense verbs
- Latin word order
- Vocabulary – see the lists distributed in class

### **Subject Specific Strategies for Revising:**

- Make vocabulary flash cards
- Use the CLC Online 'Online Activities' to test your understanding of Book 1 Grammar and to practise translation
- Learn vocab on Memrise
- 

### **Stretch and Challenge – Home Study Activities:**

- Practise translating English into Latin using the notes from class.

### **Wider reading:**

- CLC Online

### **Useful Websites:**

- Memrise: <https://www.memrise.com/>
- CLC Online: [http://www.cambridgescp.com/Upage.php?p=clc%5Eoa\\_intro%5Eintro](http://www.cambridgescp.com/Upage.php?p=clc%5Eoa_intro%5Eintro)

# Subject: Music



## **Topics to be revised:**

- Elements of Music
- Reading music notes from notation
- Sharps and flats
- Reading music rhythms from notation
- Structure and Form (binary, ternary and rondo)
- Chords

## **Subject Specific Strategies for Revising:**

- Play a tune from Music Notation on a keyboard (could be a picture of a keyboard)
- Clap rhythms from notation

## **Stretch and Challenge – Home Study Activities:**

- Practise learning notes from the bass clef
- Ensure you can play from music notation using two hands together

## **Wider reading:**

- ABRSM Music Theory books Grade 1-3

## **Useful Websites:**

- General theory practice:  
[http://www.musicteacher.com/music\\_learning\\_theory/music\\_learning\\_theory.htm](http://www.musicteacher.com/music_learning_theory/music_learning_theory.htm)
- Pitch notation:  
[http://www.bbc.co.uk/schools/gcsebitesize/music/elements\\_of\\_music/notationrev1.shtml](http://www.bbc.co.uk/schools/gcsebitesize/music/elements_of_music/notationrev1.shtml)
- Sharps and flats:  
[http://www.bbc.co.uk/schools/gcsebitesize/music/elements\\_of\\_music/notationrev2.shtml](http://www.bbc.co.uk/schools/gcsebitesize/music/elements_of_music/notationrev2.shtml)

