



Saint Mary's College

Assessment for Achievement

Year 10 Study Skills and Revision Booklet

Winter 2018



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Prepare for Success

Good planning, preparation and time management is the key to examination success. Before you begin studying make sure that you have everything you need. Revision is only possible if you have good notes, the correct books and a list of topics to be revised for each subject.

Organise and Prioritise

- ✓ Make a list of the topics to be revised for each subject.
- ✓ Rearrange the list of topics into order of importance.
- ✓ Start with the topics that you know the least.
- ✓ Take care not to spend more time of the subjects you like and then neglect the ones that you don't like so much.
- ✓ Arrange your notes, use dividers with a separate section for each subject.
- ✓ Create a Study Timetable and stick to it.



Year 10 Winter Assessment Timetable

Day	8.45 – 10am	10.30 – 11.30	11.40 – 12.20	12.20 – 1.50pm	2-3pm
Monday 3rd Dec	Study	Geography	LUNCH	Study	Technology
Tuesday 4 th Dec	Not at School: Home Study				
Wednesday 5 th Dec	Home Economics	Maths	LUNCH	Study	English Language 1 Hr 15mins
Thursday 6 th Dec	History	Language	**LUNCH**	Not at school: Home Study	
Friday 7 th Dec	Religion	Science	LUNCH	In school	In school

****LUNCH** / Buses will be available for pupils after lunch on Thursday 6th December**

Literacy Focus

Remember to check the following at the end of each exam

- Have I used capital letters properly?
- Have I used a full stop at the end of every sentence?
- Have I used commas appropriately?
- Have I proof read my answers?



Blank Study Timetable

A study timetable is vital for success. It is important to have a structured approach to your revision because it means you can be sure of covering everything you need in the time available. When creating your timetable make sure that you have a healthy balance between your studies, hobbies and activities you may have and relaxation time. The best timetables are realistic and flexible.

- ✓ Write down important dates and events that you cannot change
- ✓ Study blocks should be 1hour maximum, then have a break
- ✓ Try to make your study as regular as possible
- ✓ Write down the subject that you are going to study in each section.



Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday



Top tips for Assessment Success

- ★ Find a good study environment with no distractions
- ★ Put your mobile phone in another room during your study session
- ★ Follow your study timetable
- ★ Always make your own revision notes
- ★ Know your areas of strength and weakness and mix them up on your timetable
- ★ Use a range of revision techniques in order to prevent boredom and to enhance success
- ★ Make summary notes – **LOOK – SAY – COVER – WRITE – CHECK**
- ★ Use diagrams and mind maps to help with learning
- ★ Set yourself a specific goal for each study session – *“By the end of this session I hope to have learnt...”*
- ★ Test yourself
- ★ Stay focussed, don't just make notes on everything, stick to the important stuff
- ★ Have short breaks to relax and exercise in between revision sessions
- ★ Keep a good stock of paper, pens and other stationery
- ★ Get a good night's sleep
- ★ Eat well and keep hydrated



chibird

How to study

There are a wide variety of different techniques that you can use to help you remember your work. One thing is for certain, **simply just reading your notes will not help you to remember**. You need to be active in the way you revise. Try putting some of the following techniques into practise:

Read the information you want to learn then cover it up and try and **summarise in writing** what you have just read. Then re-read your original notes again and compare to what you have written. Keep doing this until you get it right.

Read **books** rather than the internet as you run the risk of being distracted on the internet

Create **podcasts**, record yourself reading notes on a topic and listen back

Group Revision create a study group with friends and test each other's knowledge

Revision Cards : Write a set of these – one for each topic you are studying. On them list all the key facts and information you need to know. Use colour to highlight different sections.

Past papers are a must – go through one then mark using the mark scheme to assess how you did

Stick **posters, post it notes** or big notes on your bedroom wall

Make up **rhymes** to help you remember key facts

Create **mind maps**

Create **mnemonics** – this is the use of any technique that helps you retain information common applications include acronyms and short poems or phrases

Short phrases or poems – e.g. 'Richard **O**f York **G**ave **B**attle **I**n **V**ain' is used to remember the colours of the rainbow

Acronyms take the first letter of a phrase or word e.g. USA for United States of America



Subject Revision Lists

English

Subject	English
Year 10	
Revision Topics	Persuasive Writing
Assessment Details	100% Examination
Resources	English Exercise Book; persuasive articles from <i>The Irish News/ The Belfast Telegraph/ BBC News App</i>
Types of Questions	This is a Writing Assessment. You will have one question to answer. You will be asked to write a humorous article for your local newspaper.
Top Tips to be successful	<ul style="list-style-type: none"> • Write in full sentences • Vary your sentence lengths • Organise your persuasive article into paragraphs • Revise spelling of “tricky” words particularly homophones such as “their”, “they’re”, “there” • Write an interesting opening and conclusion which will engage and hook the reader • Use topic sentences to begin each paragraph • Use a variety of sentence openings to engage your reader • Use Direct Appeal • Use a range of punctuation, both for meaning and effect • Use a range of interesting vocabulary for effect on the reader: <ul style="list-style-type: none"> ✓ Adjectives, verbs, adverbs ✓ Similes ✓ Metaphors ✓ Personification ✓ Exaggeration (hyperbole) for effect ✓ Repetition ✓ Alliteration ✓ Onomatopoeia
Resources needed for the Exam	Black pen.



Geography

Subject	Geography
Year 10	
Revision Topics	<ul style="list-style-type: none"> • Ecosystems • Earthquakes and Volcanoes
Assessment Details	100% Examination
Resources	Year 10 Red Geography Connections Text book / photocopies Geography Exercise Book
Types of Questions	There will be a range of questions from short answer, multiple choice, fill in the blanks, label diagrams, draw diagrams, draw graphs and longer questions to assess understanding and analysis.
Detailed content of exams to ensure success	<ul style="list-style-type: none"> • Describe the difference between weather and climate • Know 3 examples of climates • Describe and explain the four factors which affect climate eg relief, latitude, prevailing wind and distance from the sea • Know Britain's prevailing wind direction is from the SW and how it affects Britain's climate in the summer and winter • Know characteristics of the 3 climates – Britains, Equatorial and Mediterranean eg rainfall, latitude, seasons etc • Know what is an ecosystem and be able to draw a diagram of an ecosystem showing the living and non living parts • Know what is a biome and give examples eg tropical rainforest, desert, deciduous woodland • Be able to label a diagram of relief rainfall • Be able to read a climate graph eg bar graph is for rainfall and a line graph is temperature. • Draw and label a diagram of a Tropical rainforest • Know how trees adapt to this climate eg drip tip leaves, straight trunks to reach the sunlight , evergreen etc • Define deforestation and why should we be so concerned • Know what is soil erosion, the causes and solutions • Know 5 facts about the Dust Bowl • Know the 3 rock types eg Igneous eg Basalt and Granite, Sedimentary eg Sandstone and Metamorphic eg Slate • Be able to label a diagram of the structure of the earth eg the core, the mantle and the crust • Be able to draw and label a diagram of a volcano eg magma chamber, vent, crater, lava, secondary cone, volcanic bombs
Resources needed for the Exam	Blue or black pen, pencil, colouring pencils, ruler and eraser.



History

Subject	History
Year 10	
Revision Topics	<ol style="list-style-type: none"> 1. <u>Keywords</u> 2. <u>Treaty of Versailles & Hyperinflation</u> <ul style="list-style-type: none"> ❖ Know the aims and leaders of the “Big Three”: Britain/France/ USA ❖ Understand why they had these aims- how was each country affected by WW1? ❖ Know the terms of the Treaty of Versailles. Be able to explain L.A.M.B. – land, army, money, blame ❖ Understand how Germans reacted to the Treaty. ❖ Explain what hyperinflation was and give an example 3. <u>Hitler’s rise to power: Be able to write an essay to explain why Hitler was elected to power in Germany in 1933.</u> <ul style="list-style-type: none"> ❖ The Wall Street Crash and the impact of the Great Depression ❖ Nazi Strengths: be able to explain how: Leadership; Promises; Organisation and Propaganda were all strengths and helped Hitler gain power. ❖ Political deal ❖ Fear of Communism ❖ Weak opposition 4. <u>Hitler’s consolidation of power.</u> <ul style="list-style-type: none"> ❖ Explain the way in which Hitler was weak in 1933 ❖ Explain how the following helped him increase his power ❖ Describe how much power he had by August 1934. 5. <u>Women in Nazi Germany</u> <ul style="list-style-type: none"> ❖ Hitler’s aim for women:
Assessment Details	100% examination 1 hour long
Resources	<ul style="list-style-type: none"> • Revision work-booklet available to download from shared documents • Exercise book • A5 class booklet



Types of Questions	<p>Keywords questions were you will be need to know definitions</p> <p>Some short knowledge based questions</p> <p>Explain questions were you will need to give examples and evidence to develop and explain answers. Creative design question – design a recruitment poster</p> <p>Evaluation type questions</p> <p>Essay question – be able to write an essay to explain the causes of WW1</p>
Top Tips to be successful	<p>Preparation for the exam:</p> <ul style="list-style-type: none"> • Download your revision work booklet from shared resources / email • Complete all questions within the work booklet • Check your answers with your teacher and ask your teacher for guidance if you are stuck in any questions in the work booklet. • Once you have completed the work booklet try to learn all of the information included. Think about which revision techniques you learn best by : • Write your notes from the work booklet into flash cards • Use the work booklet to create mind-maps or spider diagrams for each of your topics • Highlight key words in your notes. • Remember you remember around 5% of notes by simply reading notes, you remember 20% by writing notes and speaking your notes out loud or answering questions is shown to be a very effective way to learn. Try giving your completed work booklet to someone and ask them to ask you questions. • Test yourself by trying to write out practice answers when you feel you have fully learnt all topics. <p>During your exam:</p> <ul style="list-style-type: none"> • Answer all questions, try not to leave any questions blank – attempt all questions and you will pick up more marks. • Try to answer in full and complete sentences and develop and explain your answers fully giving as much detail as you can. • Use paragraphs to organise your essay. In your essay include an introduction and conclusion and remember to stay focused on the question asked. Try to refer directly to the question at the start and end of each paragraph to keep your essay well focused. • If you have time at the end read over and check your answers.



ICT

Subject	ICT
Year 10	
Revision Topics	Python Programming Games Development
Assessment Details	100% Online Examination
Resources	Year 10 ICT Revision booklet Shared Documents – Year 10 – Class folder Fronter http://www.teach-ict.com/gcse_new/entertainment/games/miniweb/pg8.htm
Types of Questions	There will be different types of questions ranging from short answer, multiple choice and longer questions to assess understanding and analysis.
Top Tips to be successful	<ul style="list-style-type: none"> • Learn your revision booklet • Make sure that you revise Python Programming and Keywords (use your revision booklet to help) • Make sure that you can write a simple program, similar to those you developed in class. • Make sure that you can identify key tools in Jumpcraft and what they are used for. • Make sure that you can explain keywords used in Games Development. (use your revision booklet to help) • The longer type questions will help you gain higher marks. Add lots of detail and include keywords in your answers. • Create mind maps for the key topic areas to aid memory • Do not leave anything out, attempt all questions. <p style="text-align: right;">Good luck!</p>
Resources needed for the Exam	The exam is online and will be completed in your timetabled ICT lesson. You will not need pen/pencil or paper.



Maths

****Please check with your Maths teacher if you are unsure about which revision list to follow****

Maths Module M1

Subject	Maths
Year 10 Module M1	
Revision Topics	<p><u>Working with whole numbers and decimals (Ch2/6)</u> Place value and ordering whole numbers/+, -, x, ÷ whole numbers/Place value and ordering decimals//+, -, x, ÷ decimals by whole numbers and decimals incl 10, 100, 1000/Factors, multiples and prime/Squares, cubes and their roots/index notation for powers of 10</p> <p><u>Lines and angles (Ch 3)</u> Names of angles/compass directions/estimate, draw and measure angles/calculate angles</p> <p><u>Angles in triangles and quadrilaterals (Ch 9)</u></p> <p><u>Types of number (Ch1)</u> Factors, multiples and prime/Squares, cubes and their roots/index notation for powers of 10</p> <p><u>Algebraic expressions (Ch12)</u> Letters for numbers/add and subtract letters/form simple expressions/substitution/collect like terms/multiply with numbers and letters/simple function machines</p> <p><u>Working with number (Ch46)</u> Order of operations including inverse operations</p> <p><u>Time (Ch 16)</u> 12 and 24 hr clock/calculations involving time/timetables Assessment Details</p>
Assessment Details	100% Examination
Resources	Orange Foundation Maths Textbook Maths Exercise Book MyMaths MathsWatch
Types of Questions	Questions will be past GCSE Maths Exam Questions.
Top Tips to be successful	Use summary exercises and examination style questions at the end of Chapters covered to help with revision. Use lessons on MyMaths to help revise topics listed above
Resources needed for the Exam	Pencil, ruler, pens, rubber, sharpener, calculator & protractor



Subject	Maths
Year 10 Module M2	
Revision Topics	<p style="text-align: center;"><i>Working with whole numbers and decimals (Ch2/6/15/46)</i></p> <p>Place value and ordering whole numbers/+ , - , x , ÷ whole numbers/Place value and ordering decimals//+ , - , x , ÷ decimals by whole numbers and decimals incl 10, 100, 1000/Factors, multiples and prime/Squares, cubes and their roots/index notation for powers of 10/HCF/LCM/Prime factors/Indices</p> <p style="text-align: center;"><i>Lines and angles (Ch 3)</i></p> <p>Names of angles/compass directions/estimate, draw and measure angles/calculate angles</p> <p style="text-align: center;"><i>Angles in triangles and quadrilaterals (Ch 9)</i></p> <p style="text-align: center;"><i>Types of number (Ch1)</i></p> <p>Factors, multiples and prime/Squares, cubes and their roots/index notation for powers of 10/ HCF/LCM/Prime factors/Indices</p> <p style="text-align: center;"><i>Algebraic expressions (Ch12)</i></p> <p>Letters for numbers/add and subtract letters/form simple expressions/substitution/collect like terms/multiply with numbers and letters/simple function machines</p> <p style="text-align: center;"><i>Working with number (Ch46)</i></p> <p>Order of operations including inverse operations</p> <p style="text-align: center;"><i>Time (Ch 16)</i></p> <p>12 and 24 hr clock/calculations involving time/timetables</p>
Assessment Details	100% Examination
Resources	Orange Foundation Maths Textbook Maths Exercise Book MyMaths MathsWatch
Types of Questions	Questions will be past GCSE Maths Exam Questions.
Top Tips to be successful	Use summary exercises and examination style questions at the end of Chapters covered to help with revision. Use lessons on MyMaths to help revise topics listed above
Resources needed for the Exam	Pencil, ruler, pens, rubber, sharpener, calculator & protractor



Maths Module M3

Subject	Maths
Year 10 Module M3	
Revision Topics	<p style="text-align: center;">Language of number/Whole numbers/Decimals (Ch1/2/3) Prime/HCF/LCM/Prime factors/Indices/+, -, x, ÷ whole nos and decimals without calculator</p> <p style="text-align: center;">Angles in circles (Ch31 p326/7) Learn names of parts of circle e.g. Circumference, radius, tangent, arc, sector etc... and be able to identify/apply</p> <p style="text-align: center;">Basic algebra and brackets (Ch14/16) Algebraic expressions/conventions in algebra/index notation in algebra/substitution/expanding brackets/multiplying 2 brackets together</p> <p style="text-align: center;">Negative numbers (Ch4) Add, subtract, multiply and divide negative numbers</p> <p style="text-align: center;">Fractions (Ch5) Equivalent fractions/+, -, x, ÷ fractions and mixed numbers/fractional change)</p> <p style="text-align: center;">Reciprocals (Ch10) Reciprocal of a number and properties of reciprocals</p> <p style="text-align: center;">Linear equations (Ch17) Solving simple linear equations/variable on both sides/with brackets/with fractions/forming equations to solve problems</p> <p style="text-align: center;">Trial and improvement (Ch 22) Solving polynomial equations by trial and improvement</p>
Assessment Details	100% Examination
Resources	Blue Higher Maths Textbook Maths Exercise Book MyMaths MathsWatch
Types of Questions	Questions will be past GCSE Maths Exam Questions.
Top Tips to be successful	Use summary exercises and examination style questions at the end of Chapters covered to help with revision. Use lessons on MyMaths to help revise topics listed above
Resources needed for the Exam	Pencil, ruler, pens, rubber, sharpener, calculator & protractor



Home Economics

Subject	Home Economics
Year 10	
Revision Topics	<ul style="list-style-type: none"> • Safety and Hygiene • Healthy eating for teens • Digestion and Nutrients • The Eatwell Guide • Cholesterol • A healthy body in Pregnancy • Managing your money • Revision of Practical lessons.
Assessment Details	100% Examination
Resources	Year 10 Home Economics booklet- on your device. HE Exercise Book
Types of Questions	There will be a range of questions from short answer, fill in the blanks, label diagrams, source question, longer questions to assess understanding and analysis.
Top Tips to be successful	<ul style="list-style-type: none"> • Learn your revision booklet • Create mind maps for the key topic areas to aid memory • Good luck and everything you need for the Exam is in your Home Economics booklet on your device so make sure that you make good use of it. • The report and the longer type questions will help you gain higher marks to get an A grade.



	<ul style="list-style-type: none"> • Make sure that you know what each question is worth e.g. 10 Marks, develop your answer to make sure you have made enough points to gain full marks. • If a question is worth 1 mark a very short sentence or one or two words if appropriate will be enough to gain the mark. • If you are not sure how to answer a question move on and go back to it as you may jog your memory as you work through your paper.
Resources needed for the Exam	Blue or black pen, (preferably black as this is good practice for official exams) pencil, colouring pencils/pens, ruler and eraser .
Useful Websites	https://www.nutrition.org.uk/ http://www.foodafactoflife.org.uk/

PE

PE is a practical assessment and will be based on performance in Athletics, preparation for PE and participation in class.



Modern Languages

Subject	Languages – French, Irish & Spanish
Year 10	
Revision Topics	<p>There will be questions straight from previous <u>Past Papers</u> so all topics may appear, including:</p> <ul style="list-style-type: none"> Personal descriptions Numbers/ dates/ time Family Weather Countries & Nationalities House Town Hobbies School Shopping – food / drink
Assessment Details	This test will assess Reading and Writing skills only. These scores will then be added to your Oral and Listening scores to calculate an overall mark.
Resources	Key notes in class exercise book
Possible types of Questions	<ul style="list-style-type: none"> Select an image that matches the phrase/ word Short comprehension task – write answer in English Copy phrases to explain meaning of images Read statements and state if they are true or false Gap-fill writing task (words provided) Translations into English Translations into target language Creative writing task – visual stimuli as prompts
Top Tips to be successful	<ul style="list-style-type: none"> • Revise key topics thoroughly • Read each question very carefully • Make sure to answer in the correct language • Copy very carefully if given the word or phrase • Proof read and spell check • Watch apostrophes and accents
Resources needed for the Exam	Blue or black pen
Useful Websites	<p>www.languagesonline.org.uk – FREE</p> <p>www.echalk.co.uk – username: stmaryscollege password: echalk</p>



Music

Subject	MUSIC
Year 10	
Revision Topics	Elements/ Building Blocks of music Music for Celebration Musical Arrangements Careers in Music
Assessment Details	100% Listening Exam- held during Music Class
Resources	Music Exercise Book and Manuscript Book Revision notes
Types of Questions	There will be a range of questions including questions which will be based on listening to extracts of set works from topics of Music for Celebration and Musical Arrangements. Types of questions will include filling in missing words in a table, short answer questions and longer questions to assess musical listening skills.
Top Tips to be successful	<ul style="list-style-type: none"> • Study all revision notes carefully. • Learn table on Elements of Music/ Building Blocks. • Make sure that you know what each Building Block terms means and how it is used. Learn your table! • Be able to use these Building Block musical terms in describing music that you will hear. • Make sure to understand what the term Music for Celebration means. • Know three pieces of Music for Celebration we have listened to in class. • Revise all notes on We are the Champions, African Sanctus and La Rejouissance by Handel. Listen to these pieces of music. • Make sure you can explain what a Musical Arrangement is. • Be able to describe different arrangements of the same piece of music. • Revise work on Careers in Music • Make sure to write full sentences and develop your answers in the longer listening questions. • Good luck and revise carefully! Ask your class teacher to explain anything you are unsure of.
Resources needed for the Exam	Pen , pencil and rubber and good listening skills!!



Religious Studies

Subject	Religious Studies
Year 10	
Revision Topics	Social Justice SVDP Islam Liturgical Calendar The Epiphany
Assessment Details	100% Examination
Resources	Year 10 Religious Studies Revision booklet RE Exercise Book
Types of Questions	There will be a range of questions from short answer, multiple choice, fill in the blanks, label diagrams, longer questions to assess understanding and analysis.
Top Tips to be successful	<ul style="list-style-type: none"> • Learn your revision booklet • Create mind maps for the key topic areas to aid memory • Make sure that you know what is meant by Social Justice and be able to give examples. • Know the history of the St. Vincent de Paul organisation and be able to describe the work of the St. Vincent de Paul organisation. • Know about the Islamic religion and be able to link the 5 Pillars of Islam with Christianity • Be able to match descriptions to the various seasons of the Christian Calendar. • Be able to use a given piece of text to describe the Feast of the Epiphany. • Good luck and everything you need for the Exam is in your Revision booklet so make sure that you make good use of it. • The report and the longer type questions will help you gain higher marks to get an A grade. • Spend time on the longer evaluation and analysis questions. • Make sure that you know what each question is worth e.g. 5 Marks, develop your answer to make sure you have made enough points to gain full marks. • If a question is worth 1 mark a very short sentence or one or two words if appropriate will be enough to gain the mark.
Resources needed for the Exam	Blue or black pen, pencil, ruler and eraser.
Useful Websites	RE Department Fronter Room www.Biblegateway.com



Science

Subject	Science
Year 10	
Revision Topics	<ul style="list-style-type: none"> • Continuous and discontinuous variation • Chromosomes, DNA and genes • Vertebrates and invertebrates • Selective breeding • Speed and Velocity • Distance • Speed • Time calculations • Motion graphs
Assessment Details	Written Test Duration: 1 Hour
Resources	Science Text book – Good Luck



Technology & Design

Technology and Design	
Year 10	
Revision Topics	Health and Safety – Signs and symbols Woods – Manufactured and natural woods. Hardwoods/softwoods. Hand tools and machinery Materials used in projects this term – Copper, pine, plywood, acrylic. The laser cutter – advantages of this machine How to achieve smooth edges on acrylic – Cross file, draw file, 280 emery paper, 600 emery paper, 1200 emery paper. Thermosetting and thermoplastic plastics Design question
Assessment Details	1 hour Approximately 30 questions including a design question – design a CHILD@S LECTURN
Resources	Exercise book Practical products which have been taken home Revision booklet
Types of Questions	Short answer Sketching Design Question
Top Tips to be successful	Don't miss timetabled classes as you will be revising with your teacher – ask your teacher for help if you don't understand a topic Revise topics above at home also Read all questions carefully Attempt all questions Sketch carefully Keep an eye on your time and make sure to finish the paper Keep calm and do your best
Resources needed for the Exam	Pen, pencil, ruler, rubber, colouring pencils.
Useful Websites	Frontier resources & shared documents (including photographs) www.technologystudent.com BBC Bitesize

