



Saint Mary's College

Assessment for Achievement

Year 9 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 9 Winter Assessment Timetable

Day	8.45 – 10am	10.30 – 11.30	11.40 – 12.20	12.20 – 1.50pm	2-3pm
Monday 3rd Dec	Not in School: Home Study				
Tuesday 4 th Dec	English	Study	LUNCH	Study	Religion
Wednesday 5 th Dec	Maths	Study	LUNCH	Language	History
Thursday 6 th Dec	Home Economics	Geography	**LUNCH**	Not at school: Home Study	
Friday 7 th Dec	Science	Technology	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 1 hour 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 9	
Revision Topics	<p>Creative Writing</p> <ul style="list-style-type: none"> • Adjectives, verbs, adverbs – to describe characters, actions of characters and setting/atmosphere • Similes, metaphors, personification, onomatopoeia, alliteration • Accurate use of punctuation • Accurate use of full stops, capital letters, commas, apostrophe • Paragraphs • Opening sentences • Correct spelling of homophones • Direct Speech
Assessment Details	100% Examination
Resources	Class novel is an excellent example of creative writing. Any novel you are currently reading will provide models of accurate writing and imaginative and rich use of vocabulary.
Types of Questions	This is a Writing Assessment. You will be given a choice of three story starters. You choose one and develop it into your own original creative story.
Top Tips to be successful	<ul style="list-style-type: none"> ✓ Plan your writing. ✓ Write in full sentences. ✓ Use capital letters and full stops correctly. ✓ Organise your writing into paragraphs. ✓ Make sure you always use the correct tense when writing. ✓ Revise spelling of “tricky” words, particularly homophones such as “their”, “they’re” and “there”. ✓ Ensure that any Direct Speech in your story is correctly punctuated. ✓ Write an interesting opening and conclusion which will engage and hook the writer. ✓ Use a variety of sentence openings to engage the reader. ✓ Use a range of punctuation, both for meaning and effect. ✓ Use a range of interesting vocabulary for effect on the reader: ✓ Adjectives, verbs, adverbs ✓ Similes ✓ Metaphors ✓ Personification ✓ Exaggeration (hyperbole) for effect ✓ Repetition ✓ Alliteration ✓ Onomatopoeia
Resources needed for the Exam	Black pen.



Geography

Subject	Geography
Year 9	
Revision Topics	<ul style="list-style-type: none"> • Population • Environment
Assessment Details	100% Examination
Resources	Year 9 Green Interactions Geography 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, longer questions to assess understanding and analysis.
Detailed content of exams to ensure success	<p>Pupils need to</p> <ul style="list-style-type: none"> • Learn the following definitions: Densely populated, Sparsely populated Population distribution, Birth rate, Natural increase, Migration, Rural-to-urban migration, Immigrant, Asylum seeker, Push factor • Be able to identify areas in the world and know reasons why some areas are densely populated whereas other areas are sparsely populated eg Western Europe, Polar regions, Desert areas, tropical rainforests, Himalyan mountains • Read a population graph and be able to describe and explain why the population has changed since the 1100s • Be able to identify the difference between push and pull factors • Be able to list obstacles/ barriers to migration eg money, language, physical landscape etc • Define the term multicultural society and be able to identify the challenges and benefits of this type of society • Draw a bargraph accurately including a title and labelling each axis properly with population figures • Identify the 3 types of pollution eg air, noise and visual • Define the following terms eg endangered, extinct, environment • Know why animals ae endangered eg their habitats are being ruined, being killed for their skin/ fur etc • Identify ways of helping to improve the environment eg walking/ cycling to work, car share, recycling etc
Resources needed for the Exam	Blue or black pen, pencil, colouring pencils, ruler and eraser.



History

Subject	History
Year 9	
Revision Topics	<ul style="list-style-type: none"> • Know keywords: • Understand and be able to explain the M.A.I.N. causes of World War One: Know about Militarism, Alliances, Imperialism and Nationalism – what each factor was and how it led to World War One. • Understand how the assassination of Franz Ferdinand led to World War One. Know why he was assassinated. • Be able to explain why the First World War happened using all of the causes. Be able to write an essay on the causes of WW1. • Understand why people joined the army in 1914. • Understand the ways the government tried to persuade men to join the army. • Know what conscription was and why it was introduced. • Be able to explain what conditions in the Trenches were like. Know what trenches were. Be able to explain in depth the conditions soldiers faced (trench-foot, boredom, weather conditions, hygiene, home-sickness, over the top).
Assessment Details	<p>100% examination 1 hour long</p>
Resources	<ul style="list-style-type: none"> • Revision work-booklet available to download from shared documents • Exercise book
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>



<p>Top Tips to be successful</p>	<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.
<p>Resources needed for the Exam</p>	<p>1. Pens, rubber, sharpener, pencil, colouring pencils.</p>



Home Economics

Subject	Home Economics
Year 9	
Revision Topics	<ul style="list-style-type: none"> • Dietary Fibre • Wheat grain • Cereals • Constipation • Carbohydrates • Breakfasts • Iron • Nutritional Information on Food Labels • Revision of Practical lessons & equipment used
Assessment Details	100% Examination
Resources	Year 9 Home Economics booklet 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. • 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/



ICT

Subject	ICT
Year 9	
Revision Topics	e-Safety Computer Crime and Cyber Security
Assessment Details	50% Online Examination 50% Project
Resources	Year 9 ICT Fronter Room Shared Documents Year 9 Summer Revision Booklet
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"> • Make sure that you revise (use your revision booklet to help) • Revise all of the key words relating to e-Safety • Understand the key issues regarding Health and Safety and ICT • Revise all of the key words relating to Computer Crime and Cyber Security. These are all listed in your Year 9 revision booklet. • Understand the key issues regarding Health and Safety and ICT • The longer type questions will help you gain higher marks. Add lots of detail and include relevant 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: center;">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 Book 2A

Subject	Maths
Year 9 Book 2A	
Revision Topics	Order, add and subtract negative numbers. Recognise and used multiples and factors. Use divisibility tests. Recognise prime numbers. Find squares and square roots. Order decimals. Round whole numbers and decimals. Use, read and write standard metric units. Convert between metric and imperial units. Read measurements from scales. Find the perimeter and area of a rectangle. Calculate the area of shapes made from rectangles. Use symbols to make simple expressions. Substitute values into simple expressions. Simplify expressions by collecting like terms. Expand brackets. Substitute values into formulae. Recognise and write formulae. Multiply and divide algebraic terms. Use frequency tables. Draw bar charts and pie charts. Find the mean, mode, median and range of a list of numbers.
Assessment Details	100% Examination
Resources	Year 9 Maths Textbook Maths Exercise Book MyMaths website
Types of Questions	Questions will be very similar in style to the questions in the maths textbook and Halloween assessment.
Top Tips to be successful	Use My Review section at the end of Chapters 1-3 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



Maths Book 2B

Subject	Maths
Year 9 Book 2B	
Revision Topics	<p>Order and compare decimals</p> <p>Add, subtract, multiply and divide integers.</p> <p>Recognise and use multiples and factors.</p> <p>Use divisibility tests.</p> <p>Find the prime factor decomposition of a number.</p> <p>Find the lowest common multiple and highest common factor of two numbers.</p> <p>Recognise and use cube and square numbers, cube and square roots.</p> <p>Use appropriate units to measure length, mass and capacity and convert between metric units.</p> <p>Know rough metric equivalents to imperial units.</p> <p>Read and interpret scales.</p> <p>Calculate the perimeter and area of a rectangle.</p> <p>Calculate the area of a triangle.</p> <p>Calculate the area of a parallelogram and a trapezium.</p> <p>Simplify algebraic expressions.</p> <p>Substitute into simple algebraic expressions.</p> <p>Use indices to simplify expressions and simplify by collecting like terms.</p> <p>Expand brackets.</p> <p>Substitute into formulae.</p> <p>Construct a formula for different situations.</p> <p>Use frequency tables.</p> <p>Draw bar charts and pie charts.</p> <p>Find the mean, mode, median and range of a list of numbers.</p>
Assessment Details	100% Examination
Resources	<p>Year 9 Maths Textbook</p> <p>Maths Exercise Book</p> <p>MyMaths website</p>
Types of Questions	Questions will be very similar in style to the questions in the maths textbook and Halloween assessment.
Top Tips to be successful	<p>Use My Review section at the end of Chapters 1-3 to help with revision.</p> <p>Use lessons on MyMaths to help revise topics listed above</p>
Resources needed for the Exam	Pencil, ruler, pens, rubber, sharpener, calculator



Subject	Maths
Year 9 Book 2C	
Revision Topics	<p>Use divisibility tests to find factors and identify primes.</p> <p>Find and use the HCF and LCM of two numbers using prime factors.</p> <p>Find square roots and cube roots.</p> <p>Use, multiply and divide numbers written in index form.</p> <p>Round numbers to a given power of 10 and use rounding to make estimates.</p> <p>Use appropriate metric units to measure length, mass, capacity and area.</p> <p>Convert between metric units and metric and Imperial units.</p> <p>Read and interpret scales on a range of measuring instruments.</p> <p>Calculate the area of a rectangle and a triangle.</p> <p>Calculate the area of a parallelogram and trapezium.</p> <p>Know the names of parts of a circle.</p> <p>Calculate the circumference and area of a circle.</p> <p>Use index notation and basic index laws</p> <p>Simplify algebraic expressions by collecting like terms.</p> <p>Expand single brackets.</p> <p>Factorise an expression by taking out a common factor.</p> <p>Derive and substitute into a formula.</p> <p>Change the subject of a formula.</p> <p>Identify and collect data.</p> <p>Construct bar charts and frequency diagrams.</p>
Assessment Details	100% Examination
Resources	<p>Year 9 Maths Textbook</p> <p>Maths Exercise Book</p> <p>MyMaths website</p>
Types of Questions	Questions will be very similar in style to the questions in the maths textbook and Halloween assessment.
Top Tips to be successful	<p>Use My Review section at the end of Chapters 1-3 to help with revision.</p> <p>Use lessons on MyMaths to help revise topics listed above</p>
Resources needed for the Exam	Pencil, ruler, pens, rubber, sharpener, calculator

PE

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



Modern Languages

Subject	Languages – French, Irish & Spanish
Year 9	
Revision Topics	Time Daily routine Activities at home Housework School subjects Hobbies Opinions & justifications
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	Select the appropriate word to complete the sentence Match the phrase to an image 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 • Take your time when reading the question • Make sure to answer in the correct language • Copy very carefully if given the word/ phrase in target language • Proof read and spell check • Watch apostrophes and accents • Vary your language and structures
Resources needed for the Exam	Blue or black pen
Useful Websites	www.languagesonline.org.uk – FREE www.echalk.co.uk – username: stmaryscollege password: echalk



Music

Subject	MUSIC
Year 9	
Revision Topics	Building Blocks of Music Programme Music and Flight of the Bumble Bee Ballet The Nutcracker by Tchaikovsky Notation and Lengths of notes
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 studied in class. Types of questions will include filling in missing words, 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. • Make sure to know all the Building Block terms and be able to explain what each one means. • Listen to the music of the Flight of the Bumble Bee and know the composer of this music. • Make sure to know a clear definition of what a Ballet is. • Listen to the 5 Dances from the Nutcracker Ballet we have studied in class. • Make sure to know the instruments that Tchaikovsky uses in each of these Dances. • Revise the notes on the LINES and SPACES. • Learn the names and lengths of different types of notes and be able to draw these. • 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 9	
Revision Topics	Celtic Saints Monastic Life Margaret Bermingham Diocese and Parish Joyful Mysteries
Assessment Details	100% Examination
Resources	Year 9 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 are know the different parts of Ireland that the Celtic Saints came from and be able to write extensively about your chosen Celtic Saint. • Be able to write a Diary Entry on a "Day in the Life of a Monk" • Make sure that you know the Advent Wreath and the symbolism behind it. • Make sure that you know the Joyful Mysteries of the Rosary. • 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 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 9	



<p>Revision Topics</p>	<ul style="list-style-type: none"> • Breathing system and how we breathe • Breathing system model • Constituents of inhaled and exhaled air • Circulatory system and the heart • Constituents of the blood • Jobs of the different constituents of the blood • Smoking and its effects • Digestive system • Different food groups and nutrients • Food tests • Forces • Newton Meters • Friction • Streamlining • Hazard Symbols
<p>Assessment Details</p>	<p>Written Test Duration: 1 hour</p>
<p>Resources</p>	<p>Science Text book — Good Luck</p>



Technology & Design

Technology and Design	
Year 9	
Revision Topics	Health & Safety (signs, colours and types) Recycled Bird Feeder – recycling plastic, polystyrene, vacuum forming – labelling machine and know the stages, hand drill Joining materials together – PVA, liquid tensol cement, nuts and bolts etc Mood Light – electronics (battery, toggle switch, resistor, LED), laser cutter, acrylic, liquid tensol cement Soldering – safety, tools used Trinket Box – pine, mahogany, pillar drill, forstner bit, coping saw, wooden mallet, band facer, finishing wood How to set the depth stop on the pillar drill. Types of files Hot wire strip bender CAD – Solidworks, advantages & disadvantages of Computer Aided Design. Converting cm to mm The laser cutter – Materials it can cut and engrave Examples of Hardwoods, softwoods and manufactured boards Design question
Assessment Details	1 hour Approximately 30 questions including a design question – design an ACTIVITY TABLE .
Resources	Exercise book Practical products which have been taken home
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	Fronter resources & shared documents (including photographs) www.technologystudent.com BBC Bitesize

