

Saint Mary's College

Assessment for Achievement

Year 10 Study Skills and Revision Booklet

Winter 2022 – Wednesday 19th January 2022 to Tuesday 25th January 2022



Table of Contents

Prepare for Success	3
Organise and Prioritise	3
Year 10 Winter Assessment Timetable	4
STUDY @ HOME SESSIONS will give you the opportunity to revise for your next exam session	4
Literacy Focus	4
Numeracy Focus	4
Blank Study Timetable	5
Top tips for Assessment Success	6
How to study	7
Subject Revision Lists	8
English	8
Geography	10
History	11
ICT	13
Maths	14
Maths Module M2	14
Maths Module M3	15
Home Economics	16
LLW	17
Modern Languages	18
Music	19
Religious Studies	20
Science	21
Technology & Design	22

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 on 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 -	11.40 –	12.20 –	2-3pm
		11.30	12.20	1.50pm	
Wednesday 19 th January	Geography	STUDY	LUNCH	Home Economics	History
Thursday 20 th January	STUDY @ HOME				
Friday 21 st January	Maths	LLW	LUNCH	STUDY	Religion
Monday 24 th January	STUDY @ HOME				
Tuesday 25 th January	Science	Languages	LUNCH	English	Technology

STUDY @ HOME SESSIONS will give you the opportunity to revise for your next exam session.

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?
- Have I used correct and full sentences?
- Have I used the correct terminology and key words?

Numeracy Focus

Remember to check the following at the end of each exam

- Have you brought your calculator (if needed)?
- Have I the right equipment with me for each exam / topic?



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.



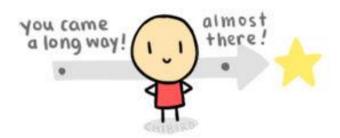
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday



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

keep going!



all your hard work will pay off in the end.

childred

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 Of York Gave Battle In Vain' is used to remember the colours of the rainbow

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







Subject Revision Lists

English

Subject	English
	Year 10
Revision Topics	Understand plot of class novel Understand characters and relationships in class novel Understand themes (big ideas) in your class novel Know and understand the meaning of vocabulary from class novel Describe and explain how a writer uses language, sentence structure and punctuation to create tension, fear, humour, sympathy etc in an extract from your class novel Comment on/explain how the writer uses language (adjectives, verbs, adverbs) to create a certain mood/atmosphere in an extract from your class novel Know and understand linguistic techniques like simile, metaphor, alliteration, onomatopoeia, personification, repetition, hyperbole/exaggeration Be able to explain how these techniques are used by writers to create a particular mood/atmosphere for the reader Use PEE (Point, Evidence, Explain) or PETER (Point, Evidence, Technique, Explain, Reader Response) to help you analyse and explain how a writer creates a particular mood/atmosphere. (Use whichever technique your teacher has taught you in class) Use a range of link/bridge verbs such as "suggests", " conveys", "illustrates", "reveals" to help you explain the effect of the writer's words and what they tell you about the mood/atmosphere the writer has created. Use a range of connectives such as "firstly", "secondly", "furthermore", "In addition", "finally" to help you structure and organise your series of points about how a writer has created a certain/mood atmosphere.
Assessment Details	100% Examination
Resources	English Exercise Book; persuasive articles from <i>The Irish News/ The Belfast Telegraph/</i> BBC News App
Types of	This is a Writing Assessment. You will have one question to answer. You will be
Questions	asked to write a humorous article for your local newspaper.
Top Tips to	✓ Write in full sentences
be successful	✓ Vary your sentence lengths
	 ✓ Organise your persuasive article into paragraphs ✓ Revise spelling of "tricky" words particularly homophones such as "their", "they're", "there"



Saint Mary's College Derry

	, , , , , , , , , , , , , , , , , , , ,
	✓ 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:
	✓ Adjectives, verbs, adverbs
	✓ Similes
	✓ Metaphors
	✓ Personification
	✓ Exaggeration (hyperbole) for effect
	✓ Repetition
	✓ Alliteration
	✓ Onomatopoeia
Resources	Black pen.
needed for	
the Exam	



Geography

Subject	Geography
	Year 10
Revision	Ecosystems
Topics	Earthquakes and Volcanoes
Assessment	100% Examination
Details	
Resources	Year 10 Red Geography Connections Text book / photocopies
	Geography Exercise Book
Types of	There will be a range of questions from short answer, multiple choice, fill in the
Questions	blanks, label diagrams, draw diagrams, draw graphs and longer questions to
	assess understanding and analysis.
Detailed	 Describe the difference between weather and climate
content of	 Know 3 examples of climates
exams to	 Describe and explain the four factors which affect climate eg
ensure	relief, latitude, prevailing wind and distance from the sea
success	 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 wood a dimenta growth on how growth is for reliefall. The able to wood a dimenta growth on how growth is for reliefall.
	Be able to read a climate graph eg bar graph is for rainfall and a line graph is to graph and the graph are graph. The state of the graph is to graph and the graph are graph. The state of the graph is to graph and the graph are graph as g
	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	Blue or black pen, pencil, colouring pencils, ruler and eraser.
needed for	
the Exam	

History

Subject	History
	Year 10
Revision Topics	Know Keywords (see Keyword bank and revision PPT)
	 2. Treaty of Versailles: Explain the aims of the "Big Three" Britain/France/ USA Explain why each country had different aims (link to 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.
	 3. <u>Hyper-inflation:</u> Explain what Hyperinflation was and what caused it Understand how it affected people's lives in Germany Explain how Stresemann solved Hyperinflation
	 4. Hitler's rise to power: Be able to write an essay to explain why Hitler was elected to power in Germany in 1933. 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
	 5. Hitler's consolidation of power. Explain the way in which Hitler was weak in 1933 Explain how the following helped him increase his power: The Reichstag Fire, Enabling Law/ Night of the Long Knives/ Death of Hindenberg Describe how much power he had by August 1934.
	6. Nazi Police State:Explain how the Nazis used fear to control people in Germany.
	 7. Workers and the Economy: Explain how Hitler reduced unemployment Explain how Hitler controlled the lives of workers Understand the role of the KDF



	Saint Mary's College Derry
Assessment Details	100% examination
Resources	 Revision work-booklet available to download from shared documents Exercise book A5 class booklet
Types of Questions	Keywords questions were you will be need to know definitions Some short knowledge based questions Explain questions were you will need to give examples and evidence to develop and explain answers. Evaluation type questions Essay question – be able to write an essay to explain why Hitler gained power in 1933.
Top Tips to be successful	 Preparation for the exam: 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:
	 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				
Assessment Details	100% Project Based Pupils are required to submit a portfolio of work which demonstrates effective use of the software application Photoshop. Marks will be awarded based on effective use of software tools and the quality of the student's original images and final collages. Your class teacher will give you a deadline for final submission and mark scheme.				
Top Tips to be successful	 Practice makes perfect! Spend lots of time in the homework club, at home or Saturday school using Photoshop. Don't just rely on class time. Make sure to submit your tasks on time every week. Plan your final collage and give yourself plenty of time to complete it ahead of the final deadline. Demonstrate evidence of having used each tool in the form of screenshots. Refer to the mark scheme so you know exactly how to achieve maximum marks. 				
Useful Websites	https://www.photoshopessentials.com/ Don't forget to access all your class resources on Teams. Ask your class teacher for guidance if you need to. Good Luck!				



Maths

Pupils MUST provide their own calculator

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

Maths Module M2

Subject	Maths
	Year 10 Module M2
Revision Topics	Language of number/Whole numbers/Decimals
	Prime/HCF/LCM/Prime factors/Indices/+, -, x, ÷ whole
	numbers and decimals without calculator.
	Negative numbers
	Add, subtract, multiply and divide negative numbers
	Fractions
	Equivalent fractions/+, -, x, ÷ fractions and mixed
	numbers/fractional change
	BIDMAS
	Order of operations
	Reciprocals
	Reciprocal of a number and properties of reciprocals
	Percentages
	Convert between Fractions, decimals and
	percentages/finding a percentage of a
	quantity/percentage increase and decrease/ percentage
	change/ simple and compound interest
	Basic algebra and brackets
	Algebraic expressions/ index notation in
	algebra/substitution/expanding brackets/multiplying 2
	brackets together
Assessment Details	100% Examination
Resources	Maths Exercise Book
	Hegarty Maths
	Corbett Maths
Types of Questions	Questions will be past GCSE Maths Exam Questions.
Top Tips to be successful	Use videos and questions on Hegarty maths to help
	revise topics listed above.
Resources needed for the	Pencil, ruler, pens, rubber, sharpener, and calculator
Exam	



Maths Module M3

Subject	Maths
	Year 10 Module M3
Revision Topics	Language of number/Whole numbers/Decimals
	Prime/HCF/LCM/Prime factors/Indices/+, -, x, ÷ whole
	numbers and decimals without calculator.
	Negative numbers
	Add, subtract, multiply and divide negative numbers
	Fractions
	Equivalent fractions/+, -, x, ÷ fractions and mixed
	numbers/fractional change
	BIDMAS
	Order of operations
	Reciprocals
	Reciprocal of a number and properties of reciprocals
	Percentages
	Convert between Fractions, decimals and
	percentages/finding a percentage of a
	quantity/percentage increase and decrease/ percentage
	change/ reverse percentages.
	Bounds
	Upper and lower bounds/ Combining measurements.
	Basic algebra and brackets
	Algebraic expressions/ index notation in
	algebra/substitution/expanding brackets/multiplying 2
	brackets together
Assessment Details	100% Examination
Resources	Maths Exercise Book
	Hegarty Maths
	Corbett Maths
Types of Questions	Questions will be past GCSE Maths Exam Questions.
Top Tips to be successful	Use videos and questions on Hegarty maths to help
	revise topics listed above.
Resources needed for the	Pencil, ruler, pens, rubber, sharpener, and calculator
Exam	



Home Economics

Subject	Home Economics
	Year 10
Revision	Safety and Hygiene
Topics	Macronutrients; name them, functions, sources, deficiencies
	Micronutrients; name them, functions, sources, deficiencies
	The Family Life Cycle
	 PIES (physical, intellectual, emotional, and social development)
	Healthy eating for teens
	Food safety
	Revision of Practical lessons.
Assessment	Pupils will complete a 60-minute paper
details	
Top Tips	Attend all Home Economics lessons.
	 Have all your class work up to date and completed.
	 Have all your 'Practical Skills Booklet' up to date and completed.
	Answer all questions in your paper.
	Do not spend too long on 1 question.
	 If you have time at the end read over and check your answers.
Resources	Blue or black pen
needed for	
Exam	

LLW

Subject	LLW – Learning for Life and Work		
	Year 10		
Revision	Employability		
Topics	Personal Development		
Assessment	100% examination		
Details			
Resources	LLW Handouts		
	Exercise book		
Types of	There will be a range of questions from short questions on key		
Questions	terms, creative questions on drawing a poster and extended		
	answer questions to assess understanding of key topics.		
Detailed content of exams to ensure success	 Key terms – skills, qualities, entrepreneur, target group, teamwork, hospitality industry, employability, job satisfaction, person of integrity, spiritual person Spider diagram on people to help with GCSE choices Three learning styles Compulsory subjects in Year 11 Things to consider when starting a business Skills and qualities useful for range of jobs – nurse, teacher, sales assistant, engineer, hairdresser, optician, chef, beauty therapist, police officer, bricklayer Poster on jobs within the leisure industry 		
Resources needed for the Exam	Pen, pencil and rubber and colouring pencils		



Modern Languages

Subject	Languages – French, Irish & Spanish
	Year 10
Revision Topics	There will be questions straight from previous Past Papers so all topics may appear, including: Weather & Seasons Countries & Nationalities Self & Family Best Friend & Relationships Places in Town Directions
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. Wordwall & Blooket activities
Possible types of Questions	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 Translations into English Translations into target language Creative writing task – visual stimuli as prompts
Top Tips to be successful	 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	https://www.bbc.co.uk/bitesize/subjects/zks78hv www.languagesonline.org.uk - FREE www.echalk.co.uk - username: stmaryscollege password: echalk



Music

Subject	MUSIC
	Year 10
Revision	Elements/ Building Blocks of music
Topics	Music for Celebration
	Musical Arrangements
	Careers in Music
	Music Symbols
	Italian Terms
Assessment	100% Listening Exam- held during Music Class
Details	
Resources	Music Exercise Book and Year 10 Theory Booklet; Careers in Music Booklet; Music
	for Celebration Booklet.
	Revision notes
Types of	There will be a range of questions including questions which will be based on
Questions	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	Study all revision notes carefully.
be successful	 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
	Revise the Italian Terms and Music Symbols.
	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	Pen , pencil and rubber and good listening skills!!
needed for	
the Exam	



Religious Studies

Subject	Religious Studies
	Year 10
Revision Topics	Animal Ethics and Biblical Teaching Morality Person of Faith SVDP Islam Liturgical Calendar The Epiphany
Assessment Details	100% Examination
Resources	Year 10 Religious Studies Revision booklet RE Exercise Book
Types of	There will be a range of questions from short answer, multiple choice, fill in the
Questions	blanks, label diagrams, longer questions to assess understanding and analysis.
Top Tips to be successful	 Evaluate the benefits of zoos in upholding animal rights and relate it to biblical teaching.
	 Be able to describe morality and provide examples of immoral and moral behaviours. Be able to describe a person who has lived out their faith in God and inspired others e.g. Sr Clare, Richard Moore 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. The longer type questions will help you gain higher marks to get an A grade. Spend time on the longer evaluation and analysis questions. 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	What is variation?	
Topics	What is continuous and discontinuous variation?	
	What are chromosomes?	
	What is DNA?	
	What are genes?	
	What is meant by environmental variation (characteristics) and inherited	
	variation (characteristics)?; Vertebrates and Invertebrates (what these	
	words mean and examples of both); What is selective	
	breeding and what are the advantages of this?:	
	What is meant by distance and displacement and what is the difference	
	between them?; What is meant by speed and velocity and	
	what is the difference between them? How is	
	distance related to speed and time;	
	Distance, Speed, Time equation and how to use it in calculations;	
	Motion graphs (including Distance-Time graphs and Speed-Time graphs)	
Assessment	Written Test Duration: 1 Hour	
Details		
Resources	Pen (blue or black) pencil, ruler, rubber, sharpener, calculator	
	Science Textbook – Good Luck	



Technology & Design

Technology and Design	
	Year 10
Topics Assessment Details	If you were an Engineer 'What would you do?' Assessment and Competition Entry The completed preparation and examination assessment will also be entered into the UK Leaders Award competition. This assessment will be started in class in the two weeks prior to the January examination and students will complete a set task during the 60 minute examination.
Resources	You can bring into the assessment research and planning work completed at home. You will also need to have drawing materials including pen, pencil, colouring pencils, ruler, sharpener, eraser or anything else you would find useful.
Types of Questions	You will be asked to complete: 1. A3 Detailed drawing with annotation of your entry. 2. A letter to the judges explaining your invention in detail and answering the questions below: • A description of your invention/product. • Where the idea came from. • Who or what inspired your idea. • Who would use the idea and why? • Why should engineers build it. • What problem does the invention/product solve? • Why did you think this was a problem? • How does the solution work? • Who or what benefits from the invention/product. • Why should it be built as a prototype? • Why is your solution special? • Which are of engineering did you use? Mechanical, civil, electronic etc.
Top Tips to be successful	Don't miss timetabled classes as you will be preparing your teacher – ask your teacher for help if you don't understand a topic. Discuss ideas for your invention with others. Plan your work and practice your drawings. Sketch carefully. Keep calm and do your best.
Resources needed for the Assessment	You will be provided with an A3 page to sketch and a letter template. You will need to bring a pen, pencil, colouring pencils, ruler, sharpener, eraser or anything else you would find useful. You can also bring preparation work at home into class to complete your work.
Useful Websites	https://leadersaward.com/ https://leadersaward.com/2020-online-galleries/ examples of work completed by students throughout the UK can be found here. www.technologystudent.com

