

St. Mary's High
School



Year 8: Summer
Study Guide

Name:.....

Class:.....

PRAYER FOR GUIDANCE

Lord we pray to you for guidance as we reach the end of our first year in St Mary's. We thank you for the opportunities we have been given during this year. Now we want to show what we have learned and how we have progressed. Guide us in our revision and help us to accurately recall what we have learned in our exams. Help us always to do our best and to put our trust in you.

May we always remember that you love us no matter what results we achieve. Never let us forget that you will always have faith in us even when we might doubt ourselves and our own ability.

Lord be with us as we revise for our exams and keep us safe and healthy during the long summer holidays. We ask this through Christ our Lord.

Amen.

REVISION - CHECKLIST FOR SUCCESS

Key points to Remember;

1. Revision must be done **REGULARLY**.
2. Revision must be **ACTIVE**.

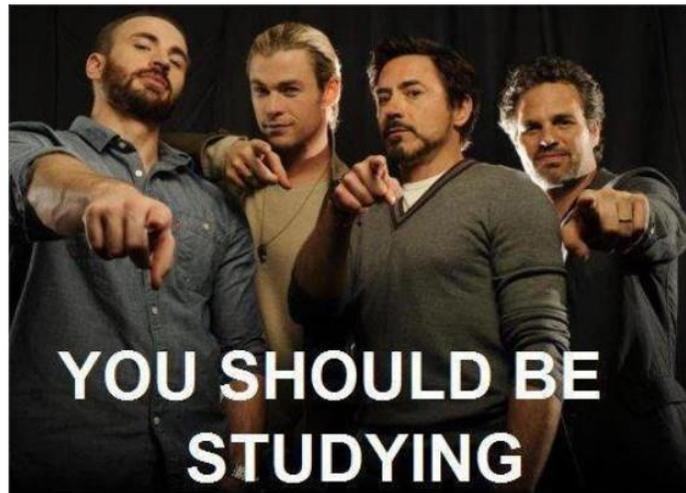
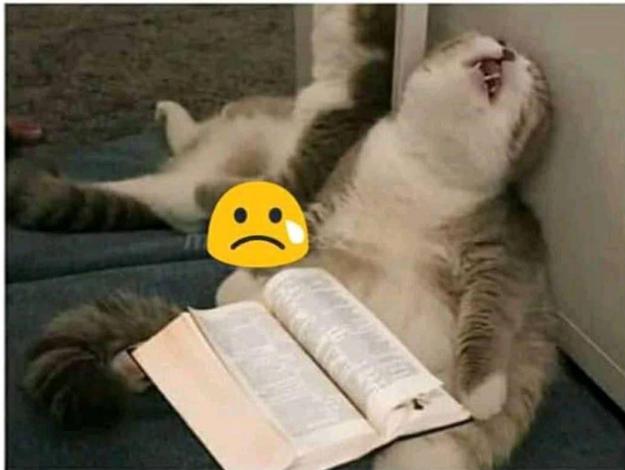
Tips to help you;

- Choose a quiet place to study with good light
- Make sure you have all you need - **BE ORGANISED**.
- Make out your study timetable.
- Don't try to revise one subject each night, do a little of each.
- Take breaks, your memory can only concentrate for 20 to 45 minutes at a time.
- When you've revised a topic test yourself on it or get someone to ask you it, then tick it off on your revision list.

Me begging myself to study



me after studying for 10 minutes



MATHS

You will need a pen, pencil, ruler and rubber.

- Number Work 1 - Place value, addition, subtraction, rounding off.
- Symmetry and Shape (2D and 3D) - Properties of shapes. Line symmetry, rotational symmetry, plane symmetry.
- Decimals - Adding, subtracting, multiplying and dividing by 10, 100, 1000 and whole numbers
- Metric Measure - Perimeter and area. Making sensible estimations of length, weight etc. Converting between units of measurement. Area of squares, rectangles, triangles and compound shapes.
- Algebra - Recognising and describing number patterns. Using function machines. Gathering like terms, expanding brackets, factorising and simplifying.
- Number Work 2 - Multiples, factors, square numbers, cube numbers, prime numbers, square roots, multiplying and dividing whole numbers.
- Statistics - Collect, display and interpret a variety of graphs, collect and interpret information from tables, construct bar charts, pictograms, line graphs, scatter graphs, frequency trees and Venn diagrams. Find the mean, mode, median and range of numbers.
- Negative Numbers - Use a number line. Add, subtract, multiply and divide positive and negative numbers with each other.
- Coordinates - Plot and interpret coordinates in all four quadrants. Draw vertical and horizontal lines on a graph from their equation.



HISTORY



- 1) The Five W'S – Who, when, what, where, why?
- 2) State 5 facts that you have learned about the Normans.
- 3) Give three reasons why we need to be careful when looking about information from the past?
- 4) What area did the Normans come from?
- 5) Who is sometimes blamed for bringing the Normans to Ireland?
- 6) The Feudal System – Learn diagram.
- 7) Imagine you are one of the claimants to the throne in 1066 and you are hoping to be elected. Write a paragraph presenting the reasons why people should vote for you.
 - Why are you the best candidate?
 - The strength of your claim or blood link.
 - The weaknesses of your opponent.
 - Anything else you think is important.
- 8) Learn meaning of key words: Middle Ages, Armour, Chain-mail, Saxons, Primary source, Invade, Normans, Biased, Descended, Source, Secondary Source, Heir.
- 9) Diagram of Motte and Bailey Castle. (The Keep, Wooden Bridge, The Moat, The Motte, The Bailey – be able to label and explain.)

SCIENCE

Year 8 - Summer 2021
Science revision list



What I need to revise	<input checked="" type="checkbox"/>
Can I label a diagram of an animal & plant cell?	
Do I know the 9 different forms of energy and give an example of where to find them?	
Can I complete energy transfer diagrams?	
Do I know what renewable and non-renewable energy is and can I give examples: e.g. Wind turbines & Solar panels	
Can I name the 3 states of matter?	
Do I know the changes of state?	
Do I know what a solution is?	
Do I know what a solvent and a solute are? – give examples	
Can I use a key to identify animals	
Do I know the main colours of the pH scale?	
Can I name everyday examples of neutralisation	

FRENCH

For the written test, pupils must know vocabulary from the following topics:

- Introducing Yourself
- Numbers 1-31
- Likes and Dislikes
- Opinions
- Colours
- Animals
- Family
- Where you live
- Countries
- Breakfast and Lunch
- The Weather

All the vocabulary you need is in your exercise book and text book.

For the test, make sure you have a pen, pencil and colouring pencils. Bonne chance!



RELIGION

The exam will last 40 minutes and is worth **80 marks**

The project on Mary is worth **20 marks**

TOPICS FOR REVISION

HOLY WEEK

Importance of **each day of Holy Week**

Story of **Mary Magdalene** on Easter Sunday

Story of **Jesus Appearing to the Apostles**

MARY MOTHER OF JESUS

Important events in Mary's life

Titles of Mary

Story of **Lourdes**

Equipment needed : **pen**



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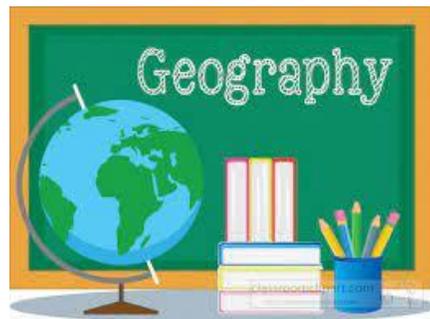
GEOGRAPHY

Summer Assessment 2021

Year 8

(pupils are required to bring a ruler, calculator and pencil with them to the exam - blank paper will be provided inside the test)

- ✓ Settlement, Site and Situation
- ✓ Things considered before locating a settlement (nearby trees, flat land, etc.)
- ✓ The urban land use model (labelling)
- ✓ Location of Africa (map labelling)
- ✓ Location of Nigeria (map labelling)
- ✓ Climate Graph (cannot revise for this question)
- ✓ Describe the climate of Nigeria
- ✓ Savanna Vegetation (acacia and baobab tree) and how they have adapted to the climate of the savannah



ENGLISH

Your exam tests your skills of WRITING and READING (COMPREHENSION).

Creating your own myth (WRITING) and comprehension on a well-known myth (READING)

Revise;

- Key 'ingredients' of Myths and Legends
 - Heroes
 - Quests
 - Villains and Tricksters
 - Mythical Creatures
 - God and Goddess
- Decide what your myth will focus on
- Go back and read the myths and legends associated with these ingredients:
 - Cu Chulainn
 - Finn McCool
 - The Hunt of Slieve Gullion
 - The Children of Lir
 - The Cattle Raid of Cooley
 - Angus' Dream
 - Macha
- Literary Devices
 - Metaphors
 - Similes
 - Personification
 - Onomatopoeia

SPG:

- Punctuation
 - commas, full stops, ellipsis, exclamation & question marks, speech marks, etc.
- Spelling & Grammar rules
 - commonly misspelt words and phrases, homophones, nouns & adjectives, verbs & adverbs, etc.

Equipment Needed:

A black/blue pen, and a highlighter to isolate sections of the passage.

Exam - 100%



If ever there is a tomorrow when we are not together...
There is something you must always remember.
You are braver than you believe,
Stronger than you seem,
And smarter than you think.
But the most important thing is,
Even if we're apart...
We'll always be with you.

Year 8 Team – Mrs A Hughes
Mrs Kearney
Miss McNeill
Miss Carroll

