

# YEAR 8

## REVISION BOOK



Name \_\_\_\_\_

Class \_\_\_\_\_

# Sacred Heart College Revision Book

<b>Contents</b>	<b>Page No.</b>
<b>Introduction</b>	<b>2-3</b>
<b>Revision Guidance</b>	<b>4-7</b>
<b>Exam Timetable</b>	<b>8</b>
<b><u>Subject Revision Checklists</u></b>	
<b>Home Economics</b>	<b>9</b>
<b>Modern Languages</b>	<b>10-11</b>
<b>History</b>	<b>12</b>
<b>Technology &amp; Design</b>	<b>13</b>
<b>Geography</b>	<b>14</b>
<b>Religion</b>	<b>15</b>
<b>Science</b>	<b>16</b>
<b>Mathematics</b>	<b>17-18</b>
<b>English</b>	<b>19</b>
<b>LLW</b>	<b>20</b>
<b>Revision Timetables</b>	<b>21-24</b>

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## WELCOME

Welcome to the Revision Guide for Year 8 students.



Unfortunately, there is no easy way to pass tests, but we can give you lots of tips on how to use your study time more effectively. This guide has been written to remind students about how to revise and how to learn.

Although this booklet contains great tips and study skills, the guide isn't as important as the person reading it – YOU! It is you who have to put them into practice and apply them to your work.

**You will find your exam timetable on Page 8**



**So, over to you – happy studying and good luck!**

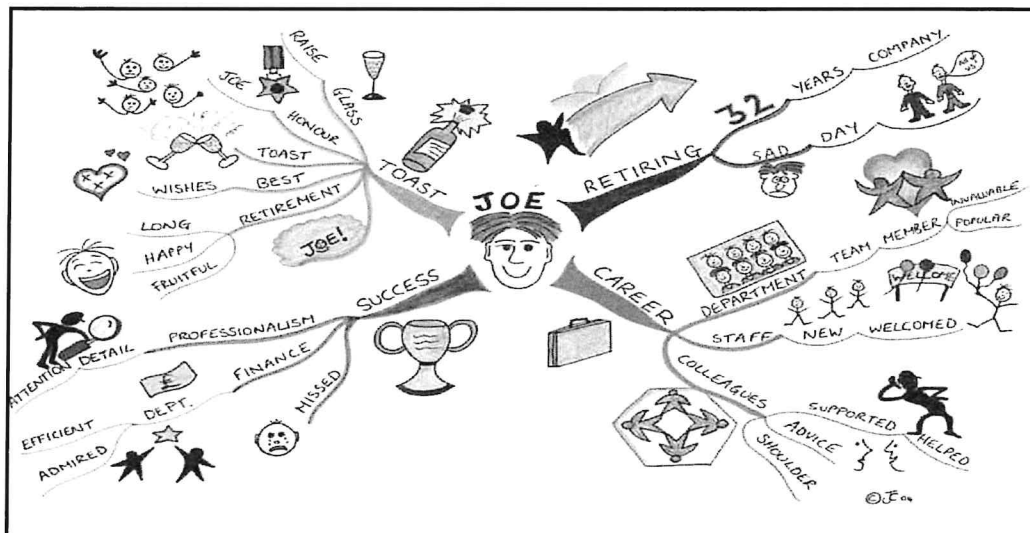


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Revision means “to look at again”. You need to look at things again as part of learning as well as in preparation for exams. But we need **active** ways to do this “looking again”.

Revision gives time for reflection and learning. You can start to see the big picture, you can add in more details and examples.

The idea is to “revise” each major section of your work shortly after you have finished it. For instance, you could draw a Mind Map of each major topic you cover. Keep the Mind Maps because they will be very useful for revising before tests.



**HOT TIP: Be active and change the way you think!**

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**WHY?**



1. Revision helps learning
2. Revision increases your achievement in tests
3. Achievement in tests give you wider choices later on
4. Achievement will make everyone proud of you!
5. You will feel great!

It is important to be positive about yourself because people who think they can do well find it easier to learn.



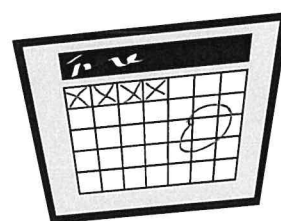
**HOT TIP: Get yourself a vision of success!**

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## ② WHEN? ②

Make sure you know when your tests are. Teachers will revise with you and give you advice about how much revision to do, what you should revise and many will give you special notes to help with revising.

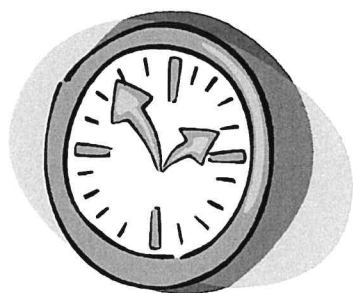
Make yourself a **revision timetable**.



- ★ Fill in leisure, relaxation and family commitments
- ★ Put in some sessions that you can devote to revision
- ★ Share out the available revision sessions between your subjects
- ★ Here's an example for *one* weekend:

	Morning	Morning	Afternoon	Evening
Saturday	Football	Maths; geography	Science; RE	Video
Sunday	English; tech	Lunch at gran's	Still at gran's	French; history

The ideal length to revise one topic is **25 to 45 minutes**. There is a blank revision timetable included for you.



**HOT TIP: Stop and start – create brief breaks!**

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## ② WHERE? ②

The ideal study room is light, airy and quiet; with shelves and a desk. Some people are lucky enough to have this and enjoy working in it. Don't worry if you haven't got this. You can still try to get some of the elements.



Vary your revision place. It's a good idea to put up posters, lists and post-it notes in other places in the house.



Some students find they revise well with friends and it is a good idea to do this sometimes as a bit of variety and fun.

Ban the television! Television is too distracting, so make sure it is turned off when you are working. Remember to keep a space in your revision timetable for your favourite programmes.



Lots of students find that some background music helps the revision process. Classical music such as Mozart can help to stimulate your brain waves. Avoid music with lyrics as you are likely to concentrate on these rather than your work!



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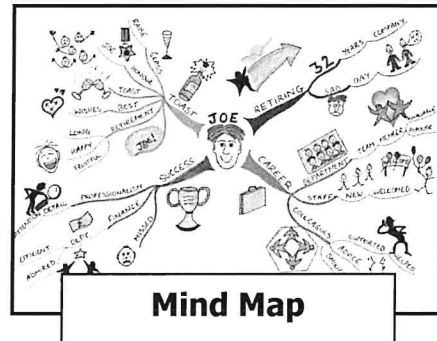


## HOW?



There are three easy steps to doing revision well:

- ★ Change
- ★ Challenge
- ★ Treats



Mind Map

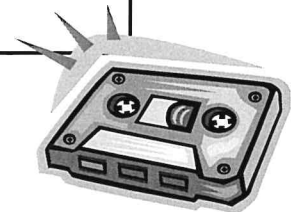
The first step is to try **change**. By changing what is in our exercise books or textbooks into a different form, we kick start our brains into action – we start thinking about new ways of presenting and digesting the information and start learning.

Ways to change things:

- ❑ Make diagrams
- ❑ Labelled drawings
- ❑ Time-lines (for history)
- ❑ Mind maps
- ❑ Charts and flowcharts (for processes)
- ❑ Audio tapes (great for languages)
- ❑ Outline cards
- ❑ Mnemonics
- ❑ Use colours and highlighters

Outline Cards

❑	.
❑	.
❑	.



### HOT TIP:

**Flick through outline cards before the test!**



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PTP1 Year 8 Test Timetable			
Dec 2024	Test 1	Test 2	Test 3
Monday 16 <sup>th</sup>	Tech.&Des.	English	Geography
Tuesday 17 <sup>th</sup>	History	Maths	LLW
Wednesday 18 <sup>th</sup>	Religion	Science	Home Ec.

## Equipment check

Please check that you have all the equipment you need for each day

Equipment	Monday 16 <sup>th</sup>	Tuesday 17 <sup>th</sup>	Wednesday 18 <sup>th</sup>
Black pens			
Red pen			
pencils			
Coloured pencils			
ruler			
rubber			
calculator			
protractor			
compass			

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## Home Economics – Year 8

- Safety rules and why they are important
- Accidents in the home- causes & prevention
- Personal hygiene & kitchen hygiene rules and why they are important
- The steps to washing your hands
- Equipment- names & uses
- The parts of the cooker
- Healthy Eating



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- ❖ Please refer to your notes for revision.
- ❖ Please use all the revision techniques you have been taught in class to revise for your winter assessment.

You will be examined on:

- ✦ a range of the 4 communication skills: Listening, Speaking, Reading, Writing
- ✦ sentence structure
- ✦ vocabulary covered in class this year

Units of work:

1. Bonjour

- Meeting and greeting people
- Spelling in French

2. Quel âge as-tu?

- Numbers 1-31
- How old you and your friends are.

3. Joyeux anniversaire

- Days
- Months
- Seasons
- When your birthday is

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## Irish

- ❖ Please refer to your notes for revision.
- ❖ Please use all the revision techniques you have been taught in class to revise for your winter assessment.

You will be examined on:

- ✦ a range of the 4 communication skills: Listening, Speaking, Reading, Writing
- ✦ sentence structure
- ✦ vocabulary covered in class this year

Units of work:

1. Beannachtaí - Greetings
2. An Seomra Ranga – The Classroom
  - Classroom objects
  - Saying where things are in the classroom – prepositions, aspiration, sentence structure
  - Classroom orders

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## *HISTORY*



### *Unit of Work: What is History*

- Causes and Consequences
- Working out Centuries
- Measuring Time
- Awareness of Evidence= Artefacts / Documents / Oral
- Interpretation and Bias
- Primary and Secondary Sources

### *Unit of Work: Coming of the Normans*

- Who were the Normans?
- Rulers of England before 1066
- Who should be king in 1066?

# **Sacred Heart College Revision Book**

## **Technology & Design**

### **Health & Safety**

Recognize safety signs and symbols, rules and regulations

### **Materials**

#### **Wood**

Identify Hardwoods and Softwoods

(Hardwood – Deciduous trees; Example Beech & Oak

Softwood – Evergreen trees; Example Pine & Fir)

How a tree grows

#### **Plastic**

Types – Thermoplastics and Thermosetting plastics

Ways of joining plastic – Nuts & Bolts, Glue, Screws

How to finish edges of Acrylic- (Crossfile, Drawfile, Wet & Dry, Polish)

### **Tools, Processes & Machines**

Recognize different tools and machines you have used

Recognise different hand files

Soldering

### **Electronics**

Recognize Circuit symbols and be able to draw circuit

Symbols and diagrams

Positive / Negative wires - Battery

Recognize Output components (Motor)

### **Design Question**

Recognize Terms Design Brief, Specification;

- be able to write up a specification and draw / illustrate a solution

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## Geography

### MAP SKILLS

- What are maps?
- Direction
- Distance/scale
- Symbols/Key
- Grid references
- Tyrone and surrounding areas



- N.Ireland
- Ireland
- Provinces
- Ireland
- Counties
- World:
- Continents
- Oceans
- Mountains
- Rivers

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## Year 8 Religion



1. Gifts From God

2. The Jesus Way

3. The Bible

A. Key facts

B. Bible references

C. Bible scrolls

D. Dead Sea Scrolls

4. The Seven Sacraments with  
a focus on Baptism

A. The Ceremony of Baptism

B. The Signs used in Baptism

C. The Meaning of Baptism

D. Infant Baptism/ Adult  
Baptism

E. Jesus' Baptism

5. Advent

A. What is Advent and what  
is its importance



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## Science

### Equipment needed for the exam:

- black or blue pen
- pencil
- ruler
- calculator

### Tips for revising science

- Make a list of keywords and definitions and learn these
- Practice drawing diagrams and labelling them
- Make revision cards for each topic
- Practice answering questions
- Use the kahoot quizzes available on your science class teams.

Introducing Science	Energy
For this topic, you need to be able	For this topic, you need to be able
<ul style="list-style-type: none"> <li>• To state the safety rules for working in the lab</li> </ul>	<ul style="list-style-type: none"> <li>• To name the different forms of energy</li> </ul>
<ul style="list-style-type: none"> <li>• To recognise the hazard symbols and their meanings</li> </ul>	<ul style="list-style-type: none"> <li>• To state the meanings of potential, kinetic and gravitational</li> </ul>
<ul style="list-style-type: none"> <li>• To identify common lab apparatus and their uses</li> </ul>	<ul style="list-style-type: none"> <li>• To describe how energy is transferred when a device is used</li> <li>•</li> </ul>
<ul style="list-style-type: none"> <li>• To describe mass as measured in g and kg</li> </ul>	<ul style="list-style-type: none"> <li>• To describe the unit of energy as the Joule</li> </ul>
<ul style="list-style-type: none"> <li>• To use a top-pan balance to measure mass</li> </ul>	<ul style="list-style-type: none"> <li>• To calculate the efficiency of a device</li> </ul>
<ul style="list-style-type: none"> <li>• To describe volume as measured in <math>\text{ml/cm}^3</math> and litres</li> </ul>	<ul style="list-style-type: none"> <li>• To identify food as a form of stored chemical energy</li> </ul>
<ul style="list-style-type: none"> <li>• To use a measuring cylinder to measure volume</li> </ul>	<ul style="list-style-type: none"> <li>• To calculate the energy content of different meals</li> </ul>
<ul style="list-style-type: none"> <li>• To identify and use the different Bunsen flames</li> </ul>	<ul style="list-style-type: none"> <li>• To measure and compare the amount of energy in different foods</li> </ul>
<ul style="list-style-type: none"> <li>• To plan and carry out an investigation and describe a fair test</li> </ul>	<ul style="list-style-type: none"> <li>• To classify energy resources as renewable and non-renewable</li> </ul>
<ul style="list-style-type: none"> <li>• To use a thermometer to measure temperature</li> </ul>	<ul style="list-style-type: none"> <li>• To identify and describe the advantages and disadvantages of different energy resources</li> </ul>
<ul style="list-style-type: none"> <li>• To plot graphs from experimental results</li> </ul>	

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## Mathematics

### Revision Strategies for Maths

When revising a particular topic pupil should:

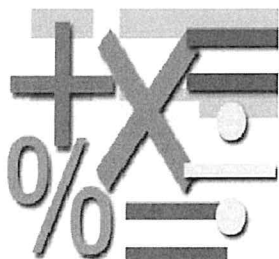
- Read through the notes in the text book and exercise book.
- Use the Key terms highlighted in purple throughout each chapter.
- Try out some practice questions from My Practice, My Review or Test yourself sections.
- Use the My Maths online resource, in particular the Booster Packs at the required Level.
- Try some easier questions and gradually increase the level of difficulty.

### Exam technique for Maths

- Read each question carefully.
- Show working out clearly.
- Leave any question you cannot complete and return to it later.
- Check your answer.
- Check if units are needed.
- Check accuracy required if necessary.
- Start a question even if you cannot complete it as this will gain some marks.

**Bring in all equipment needed for the exam.**

- **Pen, pencil, ruler, rubber and protractor**



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## Year 8 Revision List

Topic 1 Chapter 8 Statistics.	Topic 2 Chapter 1 Number
Reading charts and tables	Place Value
Tally charts and frequency tables	Ordering numbers
Bar Charts	Multiply and divide by 10,100 and 1000
Line Graphs	Negative numbers
Frequency Diagrams	Worded problems
Mean, Median, Mode and Range	
Topic 3 Chapter 2 Measures	General
Reading Scales	Addition
Metric units	Subtraction
Area and perimeter of squares, rectangles, triangles and parallelograms	Multiplication
	Division
	Problem solving -Number Work



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## English

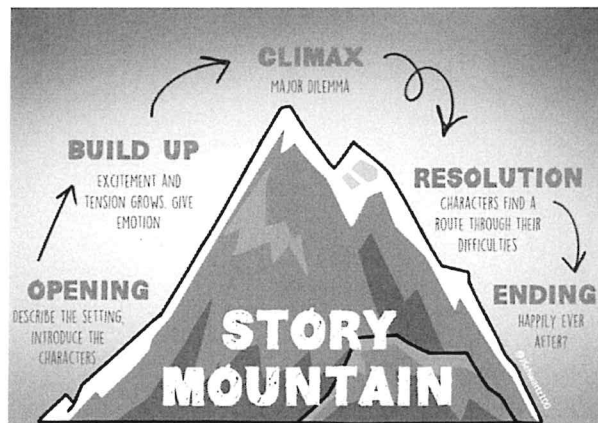
Your English exam will be a **WRITING** test

You will be asked to plan and write a story based on an image. You should look at the image and consider the questions;

- Who is this character?
- Where are they?
- Why are they doing what they are doing?
- What has happened?
- How does this story end?



You should then use the five-part story structure (or story mountain) to help you plan your story. You can write any story you like, as long as it connects to the picture.



When writing your story, you must make sure to:

1. Use **descriptive language** to help set the scene and build tension;
2. Use **imagery** like similes/ metaphors/ onomatopoeia/ personification to help engage your reader;
3. Organize your ideas into **paragraphs** (remember TiP ToP)
4. Check over your **spelling, punctuation and grammar** and correct any mistakes.



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Year 8

Local and Global Citizenship

## **Diversity and Inclusion**

- My identity
- Family life
- Attitudes to others

## **Human Rights and Social Responsibility**

- What are human rights
- Children's rights
- Where rights are denied

## **Equality and Social Justice**

- It's not fair!
- Nowhere to call home
- Focus on the British Red Cross
- Focus on UNICEF

## **Democracy and Active Participation**

- 
- What is a democracy?

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DAY/ DATE	SUBJECT / TOPIC CONTENT

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DAY/ DATE	SUBJECT / TOPIC CONTENT

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DAY/ DATE	SUBJECT / TOPIC CONTENT



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