

YEAR 9

REVISION BOOK



Name _____

Class _____

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WELCOME

Welcome to the Revision Guide for Year 9 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.

Your exam timetable is on page 8



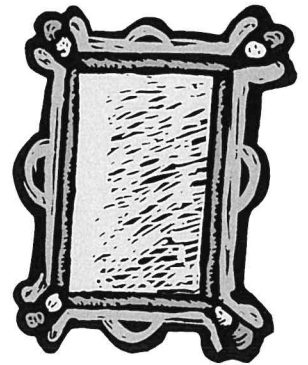
“Success is the sum of small efforts, repeated day in and day out”



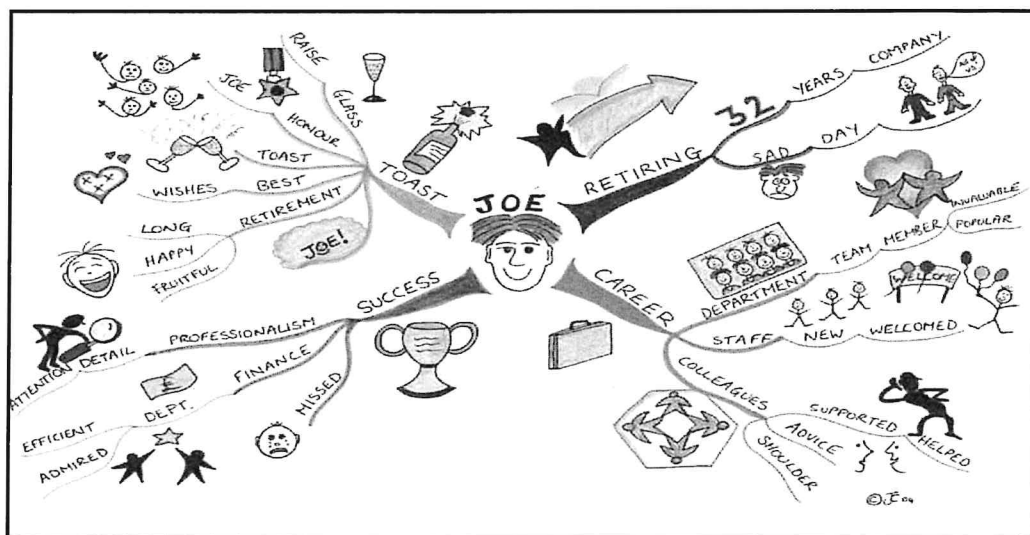
Revision means “to look at again”. You need to look at things again as part of learning as well as in preparation for exams. But we need **active** ways to do this “looking again”.

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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.

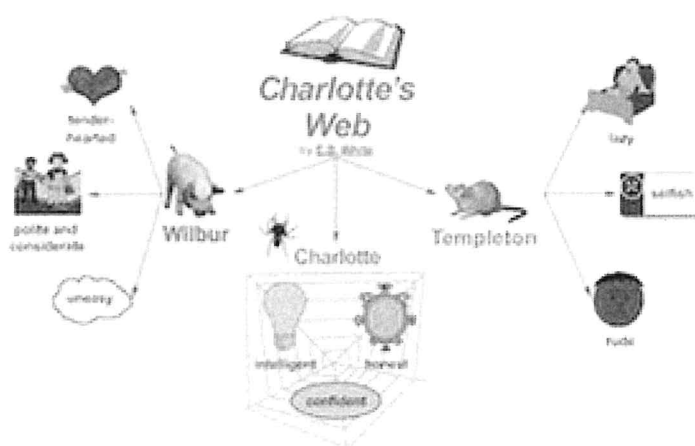
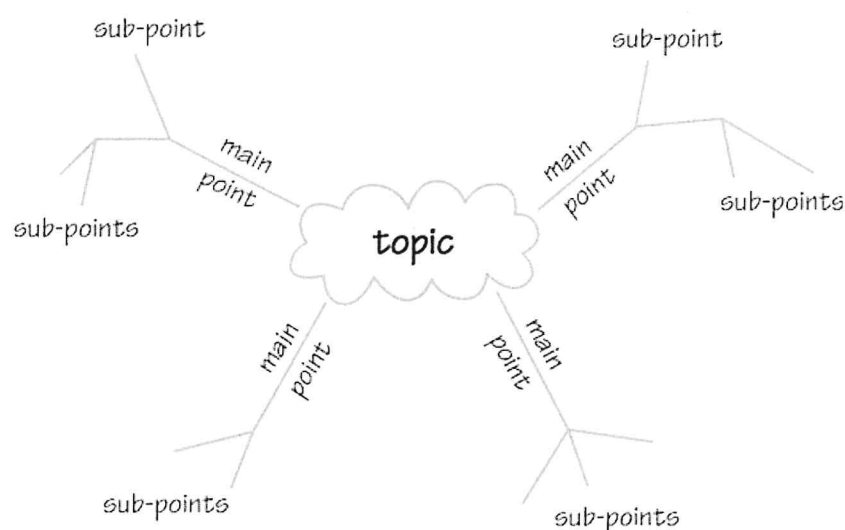


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How to make a Mind Map

- Start from the centre of the page and work out. Make it the theme of the map
- Use key words and images- put ideas down where they fit
- Put main subject words on the main lines and key words on the branches- do not use too many words on your mind map
- Use colour for themes and to make things stand out- this will make it stand out in your mind.
- Use arrows, cartoons or other images to help you remember



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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.

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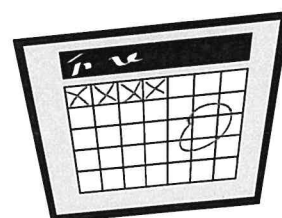
WHEN?



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**.

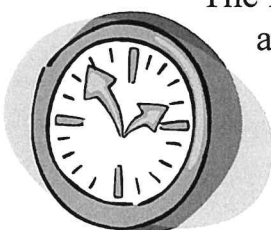
- ★ Fill in leisure, relaxation and family commitments
- ★ Put in some sessions that you can devote to revision
- ★ Share out the available revision sessions between your
- ★ Here's an example for *one* weekend:



subjects

	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.



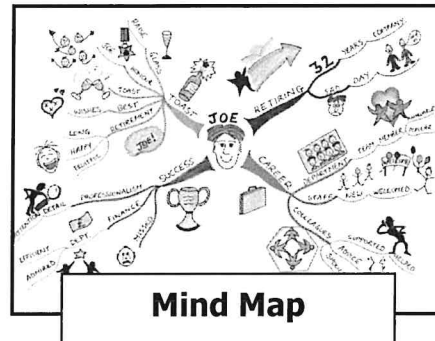
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There are three easy steps to doing revision well:

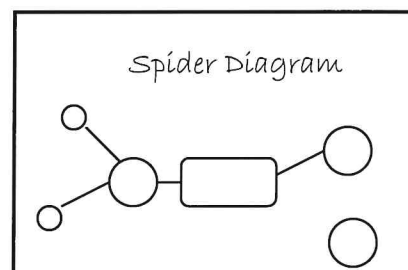
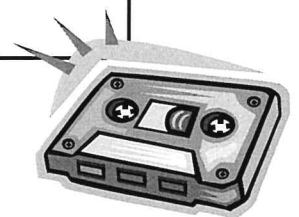
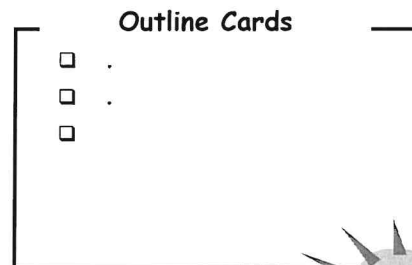
- ★ Change
- ★ Challenge
- ★ Treats



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.

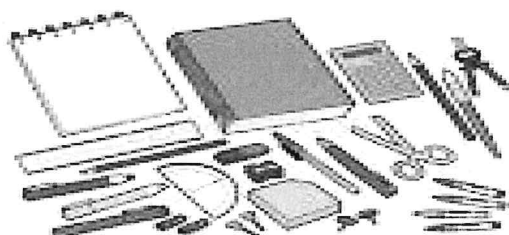
Ways to change things:

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



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PTP1 Year 9 Test Timetable			
Dec 2024	Test 1	Test 2	Test 3
Monday 16 th	Religion	Science	Home Ec.
Tuesday 17 th	Tech.&Des.	English	Geography
Wednesday 18 th	History	Maths	LLW



Equipment check

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

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

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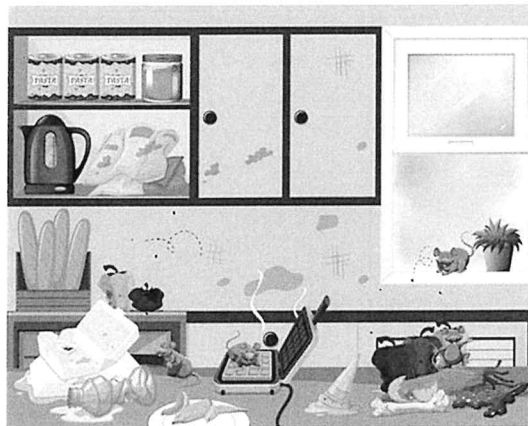
Steps to revision success

1. Find a quiet, uncluttered space to work
2. Draw up a revision timetable and revise all subjects - allow time to relax
3. Make notes from your class work- keep them short
4. Write out some questions and answers to check understanding.
5. Try recording your work and listen to it while you are walking or in bed
6. Put key words on sticky notes and stick them up on the wall
7. Get your family to help you revise
8. Relax and make your best effort in the exam

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Home Economics

- Importance of breakfast
- Function and sources of protein, carbohydrates and fibre
- Eggs – different types
- Eatwell guide
- All about chicken
- Cooking skills and following a recipe
- How to read a food label



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French

- ❖ 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.
- ❖ Please note, this list is not exhaustive.

You will be examined on:

- ✦ a range of the 4 communication skills: Listening, Speaking, Reading, Writing
- ✦ sentence structure
- ✦ vocabulary covered in class in year 8 and year 9

Units of work:

1. J'adore le judo
2. J'habite dans un château
3. A table
4. Mon pays
5. La Météo

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Irish

You will be examined on:

- ✦ a range of the 4 communication skills: Listening, Speaking, Reading, Writing
- ✦ sentence structure
- ✦ vocabulary covered in class in year 8 and year 9

- ❖ 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.

Units of work:

1. Greetings
2. Numbers & Time
3. Laethanta, Míonna, An Aimsir – Days, Months, Weather
 - Days, Months
 - Weather – Past, Present, Future, Positive, Negative, Question, Quantifiers

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Geography

Map Skills	Physical Environment
<ul style="list-style-type: none"> • How to Find Location using 4 and 6 Figure Grid Reference. • How to find Height on a Map. Spot Heights, Layer Colouring and Contours. • Landuse on a Map. • How to find Direction using Compass Points • How to find distance on a Map using the Scale. 	<ul style="list-style-type: none"> • Rocks, the 3 Rock Types and their Formation • What is Weathering? Explain the 4 Types of Weathering Onionskin/Freeze-thaw/Biological and Chemical • What is Erosion? Examine the 4 Types of Erosion Rivers, Ice, Sea Wind • Water Cycle

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HISTORY

Unit of Work: Rivalry and Conflict

Reformation:

- Causes and Consequences of the Reformation and the 'rivalry and conflict' it would create throughout Europe
- Role of Martin Luther
- Comparisons of Catholic and Protestant religions
- Catholic versus Protestant countries of Europe in the 1500s

Tudor Kings and Queens in England:

- Henry's six wives
- Henry's children
- Why Henry VIII made himself the Head of the Church
- Closing down of the Catholic monasteries
- Mary Queen of Scots- why did she move to France / why did she return to Scotland / her three husbands / the key events from her time in Scotland / why she fled to England / her execution



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Technology & Design

Health & Safety

Recognize safety signs and symbols, rules and regulations

Materials

Plastic

- How to finish edges of Acrylic- (Crossfile, Drawfile, Wet & Dry, Polish)
- Types of plastics – Thermoplastics & Thermosetting Plastics

Woods

- Identify hardwoods and softwoods
- Manufactured Boards

Tools, Processes & Machines

- Recognise different tools and machines you have used
- Recognise different hand files
- Recognise various wood cutting saws
- Soldering
- Line Bending – Hot Wire Strip Heater

Electronics

- Recognize / draw circuit Symbols & circuit diagrams
- Resistors – (function, calculate the value of a resistor, what is resistance measured in –Ohms)
- Positive / Negative wires
- Recognize Output components (LED, Buzzer & Motor)
- LED's – function, identifying legs

Design Question

- Recognize Terms Design Brief, Specification;
- be able to write up a specification and draw / illustrate a solution

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Mathematics

Revision Strategies for Maths

When revising a particular topic, pupils 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.
- 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 9 Revision List

Topic 1 Chapter 11 Factors and Multiples	Topic 2 Chapter 10 Equations	Topic 3 Chapter 12 Construction and 3D Shapes
<p>Recognise and use multiples and factors</p> <p>Find squares and square roots</p> <p>Recognise prime numbers</p> <p>Find LCM and HCF of a pair of numbers</p>	<p>Multiplying and dividing terms</p> <p>Balancing calculations</p> <p>Solving equations to include one step and two step equations</p> <p>Problem solving - equations</p>	<p>Draw triangles and quadrilaterals accurately using a ruler and a protractor</p> <p>Construct scale drawings</p> <p>Know 3D shapes names and be able to count the vertices, faces and edges</p> <p>Find the surface area and volume of 3D shapes made from centimetre cubes</p>
Topic 4 Chapter 13 Sequences		
<p>Continue a sequence by following the pattern</p> <p>Find a rule to describe a sequence of numbers</p> <p>Use a rule to find terms in a sequence</p> <p>Generate sequences from patterns of shapes</p>		



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Religious Education

- The Story of Creation
- Made in God's Image
- Free Will and Conscience
- The Ten Commandments
- The Law of Love
- Caring for the Earth
- Remembering those who have Died
- The Liturgical Year
- The Christmas Story

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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.

Electricity & Magnetism	States of Matter
For this topic, you need to be able	For this topic, you need to be able
<ul style="list-style-type: none"> • To identify safe and unsafe practices with electricity 	<ul style="list-style-type: none"> • To describe and identify solids, liquids and gases
<ul style="list-style-type: none"> • To recognise and describe the common symbols for electrical circuits 	<ul style="list-style-type: none"> • To draw, describe and explain the arrangement of particles in solids, liquids and gases
<ul style="list-style-type: none"> • To describe the components of a complete circuit 	<ul style="list-style-type: none"> • To list and explain the properties of the states of matter
<ul style="list-style-type: none"> • To demonstrate the set-up of a series and parallel circuit 	<ul style="list-style-type: none"> • To identify the changes of state that occur when a substance is heated and cooled
<ul style="list-style-type: none"> • To demonstrate the current use of an ammeter and voltmeter 	<ul style="list-style-type: none"> • To demonstrate how states of matter expand when heated
<ul style="list-style-type: none"> • To identify, describe and explain conducting and insulating materials 	<ul style="list-style-type: none"> • To demonstrate the preparation of hydrogen, oxygen and carbon dioxide
<ul style="list-style-type: none"> • To describe and explain current and voltage, the units of each and their relationship to each other 	<ul style="list-style-type: none"> • To describe the tests for hydrogen, oxygen and carbon dioxide
<ul style="list-style-type: none"> • To describe the features of a magnet 	<ul style="list-style-type: none"> • To demonstrate the formation of a solution
<ul style="list-style-type: none"> • To draw and explain magnetic field patterns 	<ul style="list-style-type: none"> • To give definitions for the keywords associated with solutions
<ul style="list-style-type: none"> • To describe and explain the interaction of magnets 	
<ul style="list-style-type: none"> • Explain how electromagnets work 	

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English

Your English exam will be a **WRITING Test**.

You will be required to write a personal essay, based on an experience that you have had in your life.

You should read over the extracts you have studied in class, as these are all autobiographies, and they are good examples of how to write about a memorable event in your life.

In your writing, you should:

- Use descriptive language to set the scene and engage your reader.
- Explain the events; what happened? When? Where?
- Use emotive language and imagery such as similes/ metaphors/ onomatopoeia to describe your feelings about what happened.
- Organize your ideas into paragraphs (TiP ToP)
- Check over spelling, punctuation and grammar and correct any mistakes.



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Year 9

Local and Global Citizenship

Diversity and Inclusion

- Customs and festivals
- Belonging to a group
- Dealing with conflict

Human Rights and Social Responsibility

- Human rights
- Focus on the UDHR
- Where rights are denied

Equality and Social Justice

- Equal rights
- Living in poverty
- Focus on Stand by Me
- Focus on TIDY Northern Ireland

Democracy and Active Participation

- Living in a democracy

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Day Date	SUBJECT / TOPIC CONTENT

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