





Revision Booklet

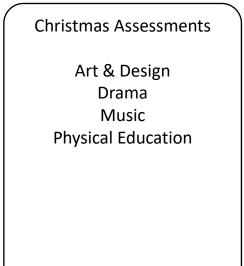
Year 10

Christmas 2024



Welcome to the Edmund Rice College Christmas Revision Guide. The assessment window will open on Monday 02nd December for subjects who do not complete Christmas Exams. Exam week however will begin on Monday 09th December- Monday 16th December. In the exam window students will follow an exam timetable instead of attending normal classes. Details of which subjects have Christmas assessments, and which subjects have Christmas exams is detailed in the diagram below.

Christmas Exam	
Design & Technology English French Geography History Home Economics Irish LLW Maths Religion	
Science	



This booklet not only contains the Christmas revision lists for all subjects, but it also contains some revision techniques to help students prepare for examinations. QR codes will also direct you to the ERC Assessment website for more information on each subject.

It is very important that all students are fully prepared for the examinations, and we would encourage them to come fully equipped with stationery including black pens, pencils, rubbers, rulers, colouring pencils and calculators where required.

All that remains is for us to wish our students the best of luck in the forthcoming exams and for further information please access the ERC assessment website using the QR codes provided.

Revision - Dos and Don'ts



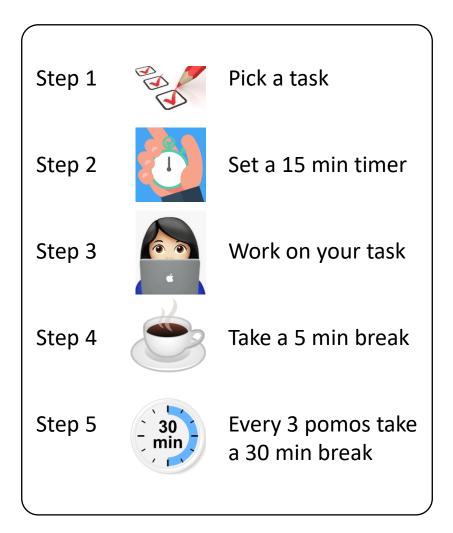
People struggle with revision because there is not one set of instructions that work for everyone. There are revision techniques that can be used as a guide but some techniques will work for you and some wont. There are some common things that you should think about before you set out to revise.

DO'S	Get in a routine of revising at a particular point everyday. Revise when you are w rested or at a time whe you are used to workin Take regular small brea	en Ig. •	Depend on when want to revise (ye never want to!) Revise late at nig when you are tire Try to force yours work for long per time without a bu	ou may ht or ed. self to riods of	DON'TS
ABOUTIT	Do you have musicWhere is your mobil			A	DON'TS
ability on a good actions. attention	e control is the to monitor, reflect rern our thoughts & It is linked to , working memory management.	Ease Cogni @IM 5 STRATE 1 Identif e.g.t	Distraction twe control pact Wales GIES to increase y & acknowledge po v, music, social mea	otential dist dia, games,	ontrol mactions , chatter
Atllow a trigger to Control tows	Plan for focus	 Work a time limins, watch Engage 	access to the distractork in a separate ro reward in chunks wit on work time, of Follow this with lo ling ty, playing outsi e other's help - be	- set a spe e.g. work t mins rewa ide , on soci transparent	ecific br 20 ard time ial media. about
Distractor Loss of focus		S Set yo teache	haviour change. Tel e unavailable <mark>ur own goals.</mark> Don't r's deadline, decide oal into manageabl	t just work how to bro	to the

In order to revise effectively, you have to think hard. Thinking hard is tiring. Therefore, when you revise, you should choose a time when you find it easiest to focus. This should be a time when you are well-rested and when you are used to working.

Managing your time when revising

To help you with we are going to try the Pomo techniques. The pomo technique can help you manage your time and work on a task without distractions. It is also beneficial as it helps you become more disciplined and think about your work. The technique is designed to combat multitasking and improve concentration. For example an hour of revision could look like this:





In preparation for you Christmas exams you will have to think about a lot of different things which you will have to juggle. You need to revise independently so you can close specific gaps which you have in your knowledge.

However, because you have to plan your own independent revision, its easy to forget revision or to only do it in large bursts right before an assessment.

Prioritise your subjects

- List all your subjects
- Rank you subjects from 1 12 (1 being the strongest)
- Also consider the order your exams come in during exam week.
- Then rewrite your list in the order you have numbered the subjects.

Your list:



Christmas Exam

Design & Technology English French Geography History Home Economics Irish LLW Maths Religion Science

- 1. Write in everything you have planned prior to creating your revision timetable (Going out for tea, playing sport, Christmas shopping etc).
- 2. Write in upcoming exams and deadlines.
- 3. Not every space needs to be full leave yourself time to relax too!
- 4. Focus on the subjects in RED first, these are the ones you are least likely to choose but they are the highest priority,
- 5. Write in the subjects you are going to cover and when, Be specific around what you will cover each time you sit down to revise.

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TIME	SATURDAY	SUNDAY
8:30AM —4PM	SCHOOL	SCHOOL	SCHOOL	SCHOOL	SCHOOL	9.AM— 10.AM	BREAKFAST/ SHOWER	BREAKFAST, SHOWER
4PM− 5PM	HOMEWORK	TV/ 6AMIN6/ SOCIAL MEDIA	HOMEWORK	TV/ GAMING/ SOCIAL MEDIA	HOMEWORK	10.AM- 11.AM	REVISION - ENGLISH	REVISION - SCIENCE
5PM− 6PM	DINNER	DINNER	DINNER	DINNER	DINNER	11.AM- 1PM	SEEINA FRIENDS/ LUNCH	SPORT/ LUNCH
6PM− 1PM	REVISION - GEOGRAPHY	HOMEWORK	REVISION = HISTORY	REVISION - FRENCH	REVISION = SCIENCE	1PM- 3PM	REVISION - MATHS	RÉVISION - FLASH CARD
1PM— 8PM	REVISION - MATHS	REVISION - ENGLISH	FREE TIME	HOMEWORK	FREE TIME	3PM- 5PM	OUT WITH FAMILY	SPORT/ TV/ GAMING
8РМ- 9РМ	FREE TIME/ SHOWER	FREE TIME/ SHOWER	FREE TIME/ SHOWER	FREE TIME/ SHOWER	FREE TIME/ SHOWER	6PM- 8PM	DINNER/ FREE TIME	DINNER/ FREE TIME

WEEKLY REVISION PLANNER





SUNDAY			
SATURDAY			
TIME			
FRIDAY			
THURSDAY			
WEDNESDAY THURSDAY			
TUESDAY			
MONDAY			
TIME			





SUNDAY			
SATURDAY			
TIME			
FRIDAY			
THURSDAY			
WEDNESDAY THURSDAY			
TUESDAY			
MONDAY			
TIME			





SUNDAY			
SATURDAY			
TIME			
FRIDAY			
THURSDAY			
WEDNESDAY THURSDAY			
TUESDAY			
MONDAY			
TIME			





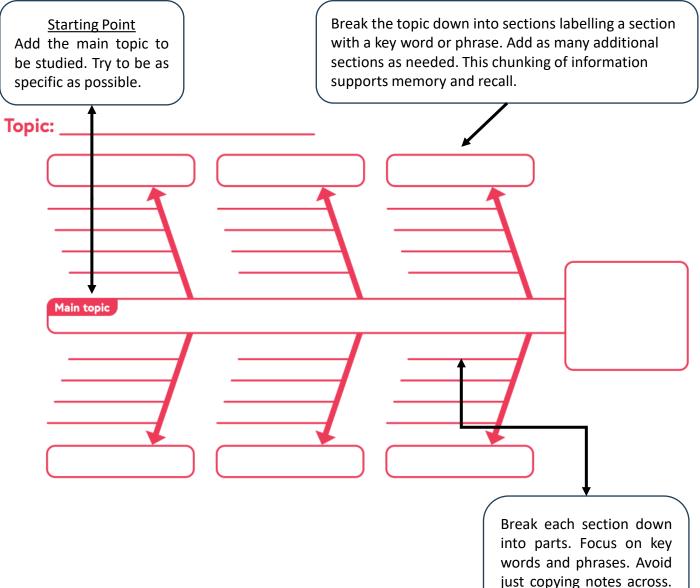
SUNDAY			
SATURDAY			
TIME			
FRIDAY			
THURSDAY			
WEDNESDAY THURSDAY			
TUESDAY			
MONDAY			
TIME			





Fish Bone





PURPOSE

This method can be used by students to explore a topic by breaking it down into smaller component parts. This helps to develop and strengthen recall of important information.

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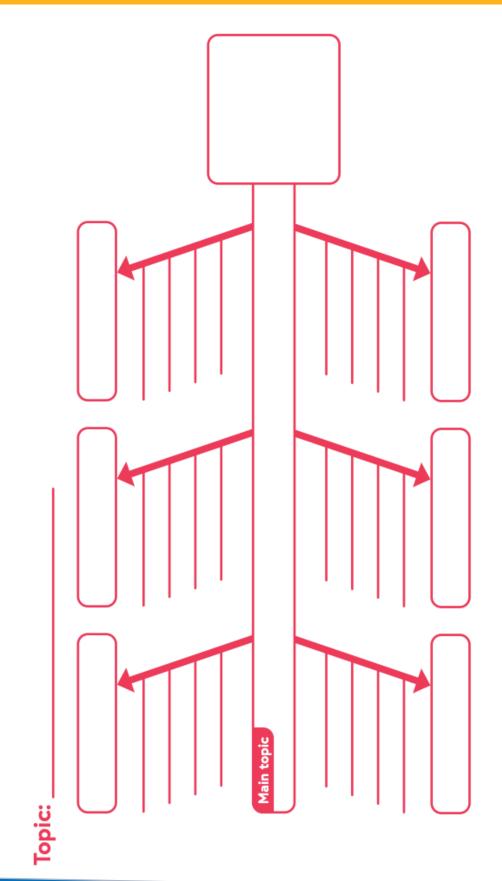
QUICK TIP

Try adding a different colour to each bone section to make them stand out and to support memory and faster recall. You could even add pictures or images to represent the key words and phrases. words and phrases. Avoid just copying notes across. Add as many small bones as required.

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Fish Bone





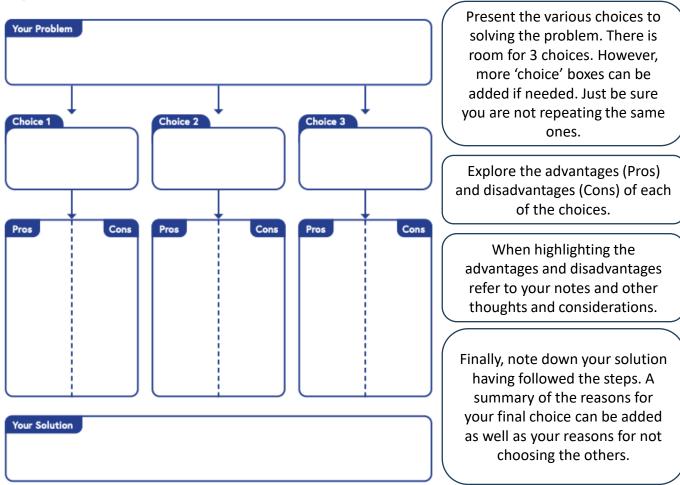


Problem/Solution Diagram



Starting Point State the problem here, e.g. Global warming, Over population growth, Achieving gender equality, to name but a few. It could even be a past paper question.





PURPOSE

This method can be used by students to explore various choices (and options) to solving a problem. It allows each possible approach to be analysed by looking at the 'pros' and 'cons' before presenting a final evidence-based conclusion. It supports the writing of essays or extended pieces of writing.

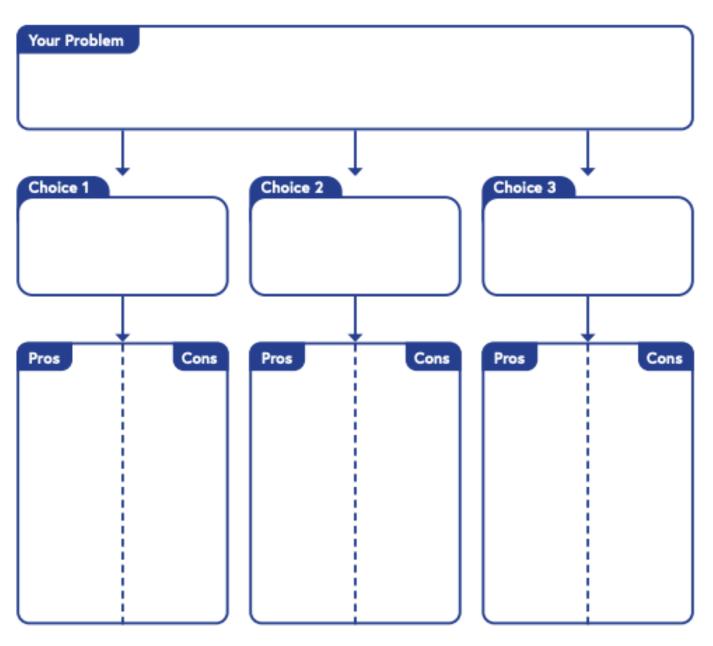
QUICK TIP

Try completing the diagram with someone else from your class. You can both agree the choices available and then one of you can consider the 'Pros' and the other the 'Cons'. Then, debate the solution





Topic: _____



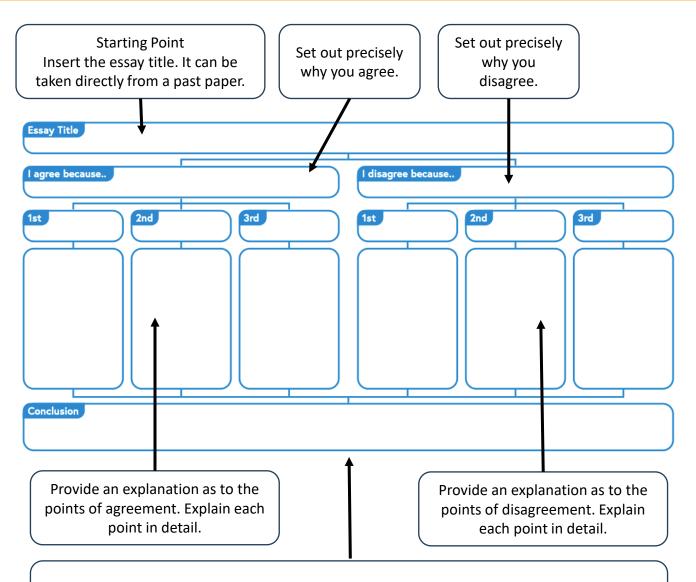
Your Solution

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ON THE ONE HAND





Evaluative conclusion. Begin with: 'Overall I agree or disagree with the statement to ______ extent because ______.'

PURPOSE

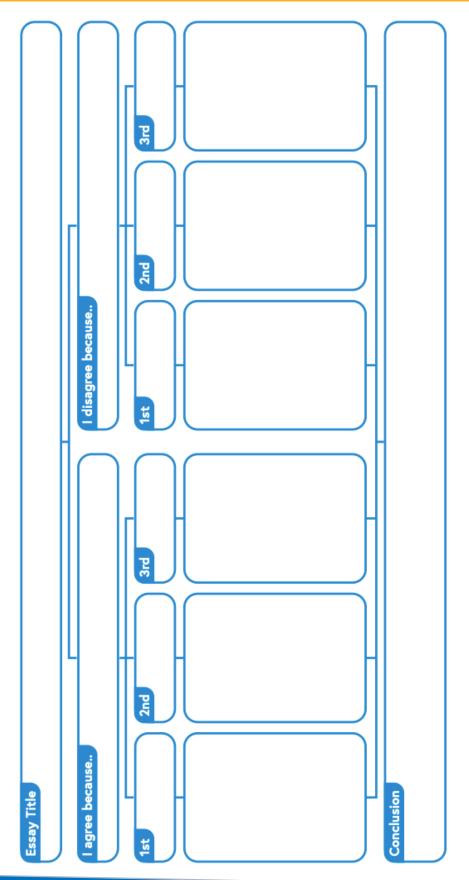
This method can be used by students to provide structure when writing essays and extended pieces of writing. It allows arguments to be clearly set out leading to a clear evidence-based conclusion.

QUICK TIP

Once the table is completed, directly use it to write the essay. Then on the following, or a different night try completing the essay without it to see the level of detail you can recall. Even try it under timed conditions.

ON THE ONE HAND





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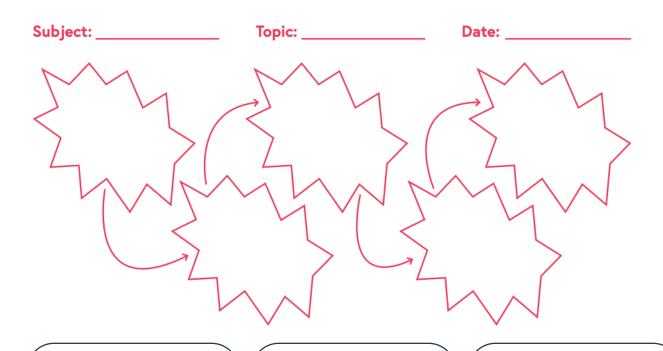
BLOCK CHAIN



Starting Point Choose your process/ progress/ chain of events and review your notes to decide on key points to include on your blockchain.

TOP TIP:

You can use your Blockchain as a quiz tool as well as for notetaking. Include questions / fill in the blanks along your chain to test your recall.



The connected shapes follow the order of the arrows to show the chronological steps in the process, in the progression or the explanation of the chain of events. Use the connected shapes to make a note of the key information in the process / progress / chain of events. Try to stick to key words and brief explanations. You can have as many or as few connected shapes as you need. Some of your connected shapes may have other connections off it to have further detail / examples.

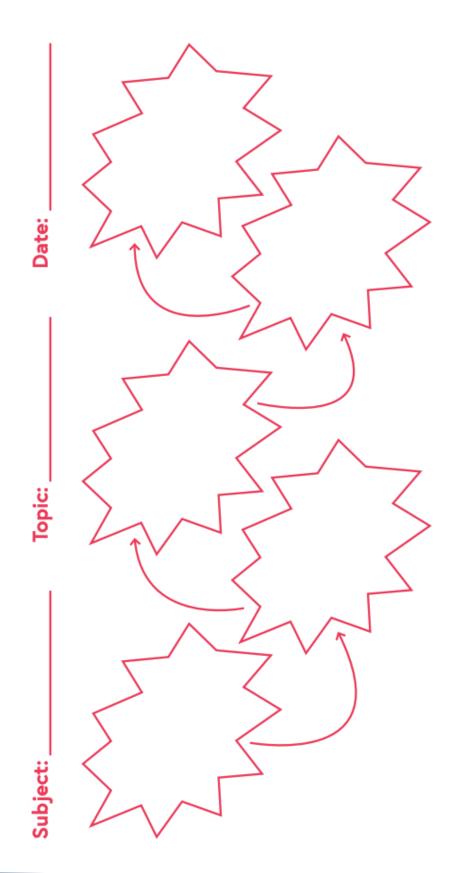
PURPOSE

This method can be used by students to visually represent a process, progression or a set of instructions that they need to learn. It allows them to break down the different steps or pieces of information to chunk the learning. QUICK TIP Include illustrations, shapes, colours and even animations to make blockchains more interesting.



BLOCK CHAIN









Торіс	What to Learn?	Revision Complete
Mood Light Project	Electronic Symbols	
FIOJECT	Resistor colour codes	
	How to solder correctly	
	Using a specification to redesign a product	
	Hand Tools	
	Product Evaluation	

Any additional notes	

English



Exam: Reading for Understanding

Topic: Writer's Craft (Purpose and Audience)

Resources: Pupils should use notes and work produced in lessons and homework

<u>Exam</u>

You must be able to:

- read the passage carefully and thoroughly
- identify key pieces of information from the passage
- explain your answers using the text to support your views
- summarise key points from the passage
- analyse language and structural choices made by the writer and their intended effect on the reader
- analyse tone used in the passage

You must revise the following features and their intended effect on the reader:

Language

Adjective; Verb; Noun; Adverb; Simile; Metaphor; Alliteration; Rhetorical Question; Onomatopoeia; Repetition; Rule of three/triplets; Statistics; Emotive Language; Facts; Opinions; Exaggeration; Exclamations.

Structure and Presentation

- Sentence lengths
- Paragraphs
- Subheadings
- Use of images
- Use of fonts



French



Write a letter to your friend telling them about yourself. Add the following details;

- Your name
- Age
- where you live
- your birthday
- your appearance
- your personality
- your family
- whether you get on with your family or not
- your hobbies
- ask two questions

Pupils will also be assessed on their reading skills

Any additional notes					

Geography



Торіс	What to Learn?	Revision Complete
Tectonics, Earthquakes	Key words	
and Volcanoes	The earths structure	
	Plate boundaries	
	Types of volcanoes – shield, composite and super volcanoes	
	Diagram of a volcano	
	Why people live near volcanoes	
	The causes of earthquakes	
	The cause of a tsunami	
	Know one case study (an earthquake, volcanoes or tsunami)	
	The causeThe effectsThe response	

Any additional notes...

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пistory



Торіс	What to Learn?	Revision Complete
The Trenches and Weapons	Be aware of the trench system and the front-line trench.	
of WW1	Know about life for soldiers in the trenches.	
	Know the weapons of WW1.	
The Battle of the Somme	Know of the facts surrounding the battle of the Somme.	
	Understand the meaning/methods behind remembrance.	
The War at Sea	Be aware of the German U-boats.	
	Know the facts surrounding the Lusitania and 'Enter USA'.	
The End of WW1	Know the facts surrounding the end of WW1.	
	The Treaty of Versailles.	



I am able to: ✓ or ×

Label the eatwell guide	
List the 5 groups of nutrients and explain the function of each	
List 3 food sources for each nutrient	
Explain the meaning of osteoporosis	
List 3 risk factors of osteoporosis	
Explain the meaning of peak bone mass	
List 3 ways to reduce osteoporosis	
Importance of eating calcium and vitamin D.	
3 sources of calcium and 3 sources of vitamin D.	
Explain the meaning of anaemia	
List 3 sources of foods high in iron and 3 food sources high in vitamin C	
List 2 symptoms of anaemia	
Explain the difference between haem and non-haem iron	
Difference between simple and complex carbohydrates and 3 food sources	
of each type	

Any additional notes...





Торіс	Content
Programming - sprites	What are they?
	How do they work?
Programming - Loops and selection	What are they?
	Benefits of using
Programming - Algorithms	What are they?
	Importance of making
Programming - Variables	What are they?
	Benefits of using
Programming - Comments	What are they?
	Benefits of using

Any additional notes...





Laethanta/Míonna (Da Laethanta na seachtai Míonna na Bliana		
Mise & Daoine eile Myself and others	Answer questions about yourself and others	
Dialann an Lae Daily Routine	Daily activities in the present tense Morning, school, after school, bedtime	
Laethanta Saoire Holidays	Tíortha-Countries An Aimsir-The Weather	
An Scoil School Life	Ábhair Scoile-School Subjects School Routine	
Any additional notes		

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You will be asked to complete six sections and the questions will be asked from the topics below. Once you are confident that you know each topic, place a tick in the end column.

Topic 1 – Inclusion and exclusion	~
Write down the meaning of inclusion	
Explain how Edmund Rice College can make everyone feel included	
Describe how workplaces can promote inclusion	
Topic 2 – Dealing with conflict	
What the meaning of conflict	
Explain one example of conflict	
Explain the causes of conflict	
Explain the ways to resolve conflict	
Topic 3 – Community relations	
Write down the meaning of cultural identity	
Explain one way that identity can be seen in NI	
Describe what the term "multi-cultural society" means	
Explain the benefits of living in a multi-cultural society	
Topic 4 – Equality and inequality & NGOs	
Write down the meaning of equality	
What down the 3 P's of Section 75 of the 1998 NI Act	
Explain one way to promote equality for men and women	
Explain the aims of NGOs	
Topic 5 – Human rights denial	
Write down the meaning of "Child Marriage" and describe what human right is	
abused	
Explain one reason why torture takes place	
Explain the problems of worldwide torture	
Topic 6 – Source Question	
In this question you will asked to read information about the Good Friday	
Agreement and answer questions about this.	

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You will be asked to complete six sections.

The questions will be asked from the topics below (we have covered these in class).

Once you are confident that you know each topic really well, place a tick in the end column.

Topic 1 – Decision MakingWays how decisions can be madeExplain how decisions can be reachedGoals that are set in schoolTopic 2 – My OptionsExamples of strategies that would help you learnExplain who helps young people with GCSE choicesExplain skills that are used in the workplaceTopic 3 – Being EmployableUnderstand why people workMotivational factors in your career			
Explain how decisions can be reached Image: Complex Strate in School Goals that are set in school Image: Complex Strate in School Examples of strategies that would help you learn Image: Complex Strate in School Explain who helps young people with GCSE choices Image: Complex Strate in School Explain skills that are used in the workplace Image: Complex Strate in School Understand why people work Image: Complex Strate in School			
Goals that are set in school Image: Constraint of the set in school Topic 2 – My Options Image: Constraint of the set in school Examples of strategies that would help you learn Image: Constraint of the set in school Explain who helps young people with GCSE choices Image: Constraint of the set in school Explain skills that are used in the workplace Image: Constraint of the set in set in school Understand why people work Image: Constraint of the set in the set in set in set in the set in set			
Topic 2 – My Options Examples of strategies that would help you learn Explain who helps young people with GCSE choices Explain skills that are used in the workplace Topic 3 – Being Employable Understand why people work			
Examples of strategies that would help you learn			
Explain who helps young people with GCSE choices Image: Comparison of the second s			
Explain skills that are used in the workplace Topic 3 – Being Employable Understand why people work			
Topic 3 – Being Employable Understand why people work			
Understand why people work			
Motivational factors in your career			
Explain skills to make a person more employable			
Topic 4 – Working for yourself			
What does self-employed mean?			
Understand which roles are classed as self-employed			
Explain steps to set up your own business			
Topic 5 – Source question			
In this question you will asked to read information about skills shortages and answer questions about this.			
Topic 6 - Entrepreneurship			
iopic o - Entrepreneursnip			

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Maths



- **SparxMaths** use the 'Independent Learning' tab to access the tasks listed in the table (watch the videos if you are stuck)
- Work through the questions in the revision booklet- they are very similar to those on your exam. Ask your teacher for help if there is anything you do not understand.

	Learning Objective	SparxMaths	Comple
		Code	ted
1	Use formal written methods for addition, subtraction,	M928, M347	
	multiplication and division of integers and decimals	M187, M354	
2	Factors, multiples, primes, squares, cubes, roots	M823, M322	
		M108, M135	
3	Non-calculator methods for fractions and percentages	M695, M437	
4	Simplify an expression	M795, M531	
5	Substitute numerical values into an expression	M417, M327	
		M208	
6	Expand single brackets	M237	
7	Continue a number sequence using a term-to-term rule	M381	

Any additional notes...

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Religion



Торіс	What to Learn?	Revision Complete
Getting to know me	Explain with examples the meaning of Outer Self.	
KHOW HIE	Explain with examples the meaning of Inner Self.	
	Explain different attitudes towards "Negative" feelings.	
What do I want to	Explain the importance of setting goals for yourself.	
become?	Retell the Parable of the Talents	
	Give examples of your own talents and abilities.	
The Beatitudes	List the Beatitudes.	
Bealitudes	Understand the values behind the Beatitudes and how they can influence our decisions.	
	Give examples of how people can follow the Beatitudes today.	
Death and Eternal Life	Describe what takes place during the stage of a funeral.	
	Define the terms Heaven, Hell and Purgatory.	
	Identify ways of being helpful to someone who is grieving.	

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Science



I am able to	Tick
Recall the organs of the Digestive System	
State the definition of an Enzyme	
Explain the role of Amylase (Carbohydrase)	
Explain the role of Protease	
Explain the role of Lipase	
Recall the process of Digestion	
Define an Atoms	
Define an Element	
Define a Molecule	
Define a Compound	
Define a Mixture	
Identify Elements as Metals or Non-metals	
Identify the Groups in the Periodic Table	
Identify the Periods in the Periodic Table	
Identify the reactivity of elements and their position in the Periodic Table	
Recall the uses of common elements	
Recall the composition of gases in the Air	
Count the number of atoms in a compound from its chemical formula	

Any additional notes					



Generation of the second letter

Excellence Respect Care