



## Guidance Booklet: Year 11

<b>Term 1</b>
Intervention Begins (see timetable below)
English Literature/Form Time Revision WC 5 <sup>th</sup> September
Assembly 20 <sup>th</sup> October
Assembly 31 <sup>st</sup> October
Form Time – Revision strategies WC 31 <sup>st</sup> October
Mock Examinations WC 28 <sup>th</sup> November
<b>Term 2</b>
Intervention Timetable Changes
Maths Exam Practice/Form Time Revision WC 2 <sup>nd</sup> January
Assembly 9 <sup>th</sup> January
Assembly 6 <sup>th</sup> March
<b>Term 3</b>
Exam Season Begins

### Intervention Timetables

#### September – December 2022

	Monday	Tuesday	Wednesday	Thursday	Friday
<b>8am-8:45am</b>				Chemistry	
<b>3pm-4pm</b>	Spanish IMedia Graphics	MFL Hospitality and Catering	Humanities Performing Arts	Art Sports Science Maths	

#### January – April 2023

	Monday	Tuesday	Wednesday	Thursday	Friday
<b>3pm-4pm</b>	English	Science	RE	Maths	



Faith



Resilience



Excellence



Respect



Community



Family



## Art and Design



### Exam Board: AQA

Coursework: 60% of overall grade. This is made up of your Year 9, 10 projects and Year 11 mock exam

Exam: 40%. One project set by the exam board (completed in January 2023)

Homework will need to be completed weekly in order to complete the course successfully. We would expect two hours per week. You can also attend after school intervention on a Thursday evening.

### Mock Exam

Ensure you work at home. You all have 'To Do' lists in your books- use these to guide you and to ensure that you cover the exam assessment objectives fully.

### Top Exam Tips

- Research the artists suggest on the paper as soon as possible
- Plan your time on a calendar so you know exactly how many weeks you have before the exam date

(you will roughly have about 35 lessons with your teacher....so not long at all!)

- Leave enough time to develop your ideas
- Choose a question that interests you and use the skills you have already learnt.
- Work the hardest you have ever worked, this is 40% of your overall mark.
- Carefully consider scale, materials and the time frame you have.
- Prepare the surface you are working on well before the exam day.
- Practise your final piece (even if it is a bit smaller) before the exam day.
- Come to the exam with all of your prep work and your exam sketchbook.
- Improve the quality and presentation of your prep before the 10 hour exam begins.





### Why do you need to annotate your work?

It helps to show that you have understood the task. It will help you to achieve marks in all of the Assessment Objectives if it's done well. It will help you to learn how to analyse your ideas and make good decisions in your artwork. The thoughts that you have in your head and the words you frequently say in lessons are valuable and should be recorded.

An example of some useful phrases that may help you to annotate and explain your work:

This idea came from..... This reminds me of.... I have used.... (insert technique or material) This is effective because..... If I use this I will improve.....

This material works the best for this because..... My next step might be..... .....part is most successful because .....part is less successful because... I could try..... This one is more successful than this one because..... I have linked with (insert artist's name) by..... I want to communicate .....by using..... I want to give the effect of..... I am aiming to..... This idea wouldn't work as well because.....





**English Literature Course**  
**Exam Board: AQA**



**PAPER 1: Macbeth** – exam format is an extract and one essay style question. Pupils are required to know the plot, characters, themes, motifs and historical background.

<https://www.bbc.co.uk/bitesize/topics/zgq3dmn>  
<https://www.sparknotes.com/nofear/shakespeare/macbeth/>  
<https://quizlet.com/17496436/key-quotes-from-macbeth-flash-cards/>  
<https://senecalearning.com/en-GB/seneca-certified-resources/english-lit-macbeth-gcse-aqa/>

**PAPER 1: A Christmas Carol** - exam format is an extract and one essay style question. Pupils are required to know the plot, characters, themes, motifs and historical background.

<https://www.bbc.co.uk/bitesize/topics/zwhkxsg>  
<https://www.sparknotes.com/lit/christmascarol/>  
<https://quizlet.com/gb/234065844/a-christmas-carol-revision-flash-cards/>

**PAPER 2: An Inspector Calls** – exam format is NO extract and a choice of two questions. Pupils are required to know the plot, characters, themes, and historical background.

<https://quizlet.com/35249438/an-inspector-calls-flash-cards/>  
<https://www.sparknotes.com/drama/an-inspector-calls/>  
<https://www.bbc.co.uk/bitesize/topics/zpr639q>

**PAPER 2: Anthology Poetry** – exam format is one question comparing two poems. Pupils will be given one poem and have to compare it to another poem from the anthology.

youtube.co.uk – AQA Conflict Anthology Poetry

**PAPER 2: Unseen Poetry** – exam format is one question analysing an unseen poem.

**Nov/Dec Mock Exam: A Christmas Carol and An Inspector Calls**

**English Literature Paper 1 – 1 hour 45 minutes**

**English Literature Paper 2 – 2 hours and 15 minutes**





## English Language Course Overview

Exam Board: AQA

### English Language Paper 1 50% of the whole GCSE

Question 1 - List four things you learn from a specific part of the extract

Question 2 - Analyse language x 2 paragraphs

Question 3 - Analyse structure x 2 paragraphs

Question 4 - Critically evaluate a given statement 'To what extent do you agree...?'

Question 5 - Write to describe/narrate (creative writing)

<https://www.bbc.co.uk/bitesize/examspecs/zcbchv4>

### English Language Paper 2 50% of the whole GCSE

Question 1 – Identify the four correct statements

Question 2 – Select and synthesise evidence from different texts.

Question 3 - Analyse language x 3 paragraphs

Question 4 – Compare how writers use language to present their viewpoints/perspectives

Question 5 - Write to inform/persuade (non-fiction writing: speech, letter, blog, article etc)

<https://www.bbc.co.uk/bitesize/examspecs/zcbchv4>

Nov/Dec Mock Exams: Language Paper 1 and Language Paper 2

English Language Paper 1 – 1 hour 45 minutes

English Language Paper 2 – 1 hour and 45 minutes





## Geography



For the actual GCSE Exam there are 3 papers

Paper 1: Living with the physical environment.  
(Natural Hazards, Living World, UK Physical Environment)

Paper 2: challenges in the human environment  
(Urban issues and challenges, economic world, resource management)

Paper 3: geographical applications.  
(Issue evaluation, fieldwork)

Paper 1 and 2 are 1.30 hours and paper 3 is 1.15.

The mocks we are doing are all of paper 1 and the first two sections of paper 2 so that will be reduced to 1.15hours.

<https://senecalearning.com/en-GB/>

<https://www.youtube.com/channel/UCPumLvJapv0Yyk5Cyqoewew>

[https://www.youtube.com/channel/UC7KtORyYhLACnKpe1x\\_rcDg](https://www.youtube.com/channel/UC7KtORyYhLACnKpe1x_rcDg)

Exam Board AQA





## History

Paper 1: 2 hours

Power and the People; A History of Democracy c.1200 – 2011

The Elizabethan Age c.1558 – 1603

<https://www.bbc.co.uk/bitesize/topics/zxgvfrd>.

<https://app.senecalearning.com/courses?Price=Free&Subject=History&Exam+Board=AQA&Age+Group=GCSE>.

Paper 2: 2 hours

Democracy and Dictatorship; Kaiser's Germany, Weimar Germany, Nazi Germany

Conflict and Tension; Causes of WWI, Stalemate, Why the Allies won.

<https://www.bbc.co.uk/bitesize/topics/zskcg82>

<https://www.bbc.co.uk/bitesize/topics/z4crd2p>

<https://app.senecalearning.com/classroom/course/ae38e710-787d-11e8-934f-757e6b8ded46/section/cc7fc1d0-787d-11e8-934f-757e6b8ded46/session>

<https://app.senecalearning.com/classroom/course/423aecc0-2148-11e8-a674-f7eebd705ce6/section/69030e50-2148-11e8-a674-f7eebd705ce6/session/start>

Exam Board AQA

### **History revision guides**

Oxford AQA GCSE History: Germany 1890-1945 Democracy and Dictatorship Revision Guide (9-1) by Aaron Wilkes.

Oxford AQA GCSE History: Elizabethan England c1568-1603 Revision Guide (9-1) by Tim Williams and Aaron Wilkes.

Oxford AQA GCSE History: Conflict and Tension First World War 1894-1918 Student Book Paperback – 6 Sep 2018 by J A Cloake (Series Editor), Aaron Wilkes.





Oxford AQA GCSE History (9-1): Britain: Power and the People c1170-Present Day Revision Guide:  
With all you need to know for your 2021 assessments, Aaron Wilkes.



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Exam Board – OCR

Maths Foundation

You will sit papers 1, 2 and 3.



OCR | Foundation | GCSE Maths Advance Information 2022

	Number	Ratio	Algebra	Geometry	Probability	Statistics
<b>Paper 1</b>	<ul style="list-style-type: none"> <li>Four rules with integers</li> <li>Money calculations</li> <li><b>Priority of operations</b></li> <li>Inverse operations</li> <li>Understand number definitions and terms</li> <li>Prime numbers</li> <li>Fraction, decimals and percentages</li> <li>Fraction of a quantity</li> <li>Percentages of quantities</li> <li><b>Percentage change</b></li> <li><b>Reverse percentages</b></li> <li>Listing FDP in order</li> <li>Use of calculator</li> <li>Standard form notation</li> <li>Rounding</li> <li><b>Upper and lower bounds</b></li> </ul>	<ul style="list-style-type: none"> <li>Share into a ratio</li> <li>Use a ratio</li> </ul>	<ul style="list-style-type: none"> <li>Simplifying algebraic expressions</li> <li>Factorising expressions</li> <li>Linear equations</li> <li><b>Solving inequalities</b></li> <li>Function machines</li> <li><b>Quadratic graphs</b></li> </ul>	<ul style="list-style-type: none"> <li>Polygons (notation and terms)</li> <li><b>Properties of parallel lines</b></li> <li>Properties of solids</li> <li>Column vectors</li> <li>Time</li> <li><b>Compound units; rates</b></li> <li>Area of a rectangle</li> <li>Area of a circle</li> <li>Area of composite shapes</li> <li><b>Volume including cylinder, pyramid and sphere</b></li> </ul>	N/A	<ul style="list-style-type: none"> <li>Averages and range</li> <li><b>Scatter diagram and correlation</b></li> <li>Graphical misrepresentation</li> <li>Frequency tree</li> </ul>
<b>Paper 2</b>	<ul style="list-style-type: none"> <li>Arithmetic with positive and negative numbers</li> <li>Division of a quantity</li> <li><b>Prime factors</b></li> <li>Fraction, decimals and percentages</li> <li>Fractions of a quantity</li> <li><b>Fraction arithmetic</b></li> <li>Calculations with decimals</li> <li>Percentage conversions</li> <li>Percentage of a quantity</li> <li><b>Standard form calculations</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Simplify ratio</b></li> <li>Interpreting ratio</li> <li><b>Inverse proportion</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Multiplying out brackets</b></li> <li><b>Formulate algebraic expressions</b></li> <li>Equations and identities</li> <li>Solve linear equations</li> <li><b>Solve quadratic equations</b></li> <li>Rearrange equations</li> <li><b>Equation of a straight line</b></li> </ul>	<ul style="list-style-type: none"> <li>Construct and interpret angle bisector, line bisector and distance from a point.</li> <li><b>Transformations</b></li> <li>Money</li> <li><b>Bearings</b></li> <li>Area of a triangle</li> <li><b>Trigonometry</b></li> <li><b>Exact trigonometric ratios</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Relative frequency</b></li> <li>Probability of equally likely events</li> </ul>	<ul style="list-style-type: none"> <li>Bar chart and <b>Pie chart</b></li> </ul>
<b>Paper 3</b>	<ul style="list-style-type: none"> <li>Calculations with integers</li> <li>Calculations with decimals</li> <li>Prime numbers</li> <li>Factors, multiples and LCM</li> <li>Sequence rule to find a term</li> <li>Understand number definitions and terms</li> <li>Fractions, decimals and percentages</li> <li>Fraction of a quantity</li> <li>Fraction arithmetic</li> <li>Percentage of a quantity</li> <li><b>Percentage change</b></li> <li>Powers of integers</li> <li>Use of calculator</li> </ul>	<ul style="list-style-type: none"> <li>Write in a ratio</li> <li>Simplify a ratio</li> <li><b>Calculate with proportions</b></li> <li>Share in a ratio</li> <li><b>Direct proportion</b></li> <li>Simple interest</li> <li><b>Growth and decay problems and graphs</b></li> </ul>	<ul style="list-style-type: none"> <li>Simplify algebraic products and quotients</li> <li><b>Multiply out brackets and simplify</b></li> <li>Factorise quadratic expressions</li> <li>Substitute into an expression</li> <li><b>Solve linear equation</b></li> <li>Solve simultaneous equations</li> <li>Continue sequence</li> <li>Quadratic graphs</li> <li>Graphs of real-world contexts</li> </ul>	<ul style="list-style-type: none"> <li>Symmetry</li> <li>Circle terms</li> <li>Properties of quadrilaterals</li> <li><b>Mass, Volume, Density</b></li> <li>Perimeters of triangles and quadrilaterals</li> <li><b>Volume and surface area: cuboid and prism</b></li> </ul>	<ul style="list-style-type: none"> <li>Understand the probability scale</li> <li>Probability calculation</li> <li>Listing outcomes and related probabilities</li> <li>Tree diagram</li> <li><b>Calculation with the laws of probability</b></li> </ul>	<ul style="list-style-type: none"> <li>Averages</li> </ul>



Faith



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## Maths Higher

You will sit papers 4, 5 and 6.

OCR   Higher   GCSE Maths Advance Information 2022					
Number	Ratio	Algebra	Geometry	Probability	Statistics
<ul style="list-style-type: none"> <li>• Calculator use: quotients</li> <li>• <b>Priority of operations</b></li> <li>• Percentage calculations</li> <li>• <b>Percentage change</b></li> <li>• <b>Reverse percentages</b></li> <li>• <b>Upper and lower bounds</b></li> <li>• Standard form representation</li> <li>• Decimal, fractions and percentages equivalence</li> </ul>	<ul style="list-style-type: none"> <li>• Direct proportion</li> <li>• Solve ratio and proportion problems</li> <li>• Growth and decay problems</li> </ul>	<ul style="list-style-type: none"> <li>• Factorise quadratic expressions</li> <li>• Multiplying out brackets</li> <li>• Algebraic fractions</li> <li>• Substitute values into expressions</li> <li>• Formulate algebraic expressions</li> <li>• Use of brackets</li> <li>• <b>Solving inequalities</b></li> <li>• Drawing and interpreting graphs</li> <li>• <b>Quadratic graphs</b></li> <li>• Equations of circles</li> <li>• Algebraic proofs</li> </ul>	<ul style="list-style-type: none"> <li>• Properties of a triangle</li> <li>• Circle terms</li> <li>• Angles in polygons</li> <li>• <b>Properties of parallel lines</b></li> <li>• Units of length and time</li> <li>• <b>Compound units: rates</b></li> <li>• <b>Volumes of pyramid and sphere</b></li> <li>• Standard circle theorems</li> <li>• Circumference of a circle</li> <li>• Pythagoras' theorem</li> </ul>	<ul style="list-style-type: none"> <li>• Enumeration</li> <li>• Calculation with the laws of probability</li> <li>• Conditional probability</li> </ul>	<ul style="list-style-type: none"> <li>• Collecting data</li> <li>• <b>Scatter diagrams and outliers</b></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Fraction arithmetic</b></li> <li>• Decimal arithmetic</li> <li>• Types of numbers</li> <li>• <b>Factors and multiples</b></li> <li>• Decimals and fractions</li> <li>• Recurring decimals</li> <li>• Percentage calculations</li> <li>• Percentage change</li> <li>• Index notation</li> <li>• Powers of integers</li> <li>• Laws of indices</li> <li>• Sums and exact calculations</li> <li>• Rounding</li> <li>• Estimation</li> <li>• Standard form representation</li> <li>• <b>Standard form calculation</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Simplify ratios</b></li> <li>• Use ratio</li> <li>• <b>Inverse proportion</b></li> </ul>	<ul style="list-style-type: none"> <li>• Simplifying algebraic expressions</li> <li>• Formulate algebraic expressions</li> <li>• <b>Multiplying out brackets</b></li> <li>• Rearranging formulae</li> <li>• Substitute values into expressions</li> <li>• Use of brackets</li> <li>• Use kinematics formulae</li> <li>• <b>Quadratic equations</b></li> <li>• Approximate solutions by iteration</li> <li>• Equations of circles</li> <li>• Drawing and interpreting graphs</li> <li>• Distancespeed - time graphs</li> <li>• Parallel and perpendicular lines</li> <li>• <b>Equation of a line</b></li> </ul>	<ul style="list-style-type: none"> <li>• Units of speed, distance and time</li> <li>• <b>Transformations</b></li> <li>• Construct loci</li> <li>• Maps, bearings and scale drawings</li> <li>• Circumference of a circle and length of an arc</li> <li>• Area of a rectangle</li> <li>• <b>Trigonometry</b></li> <li>• <b>Exact trigonometric ratios</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Relative frequency</b></li> <li>• Equally likely outcomes and probability</li> <li>• Venn diagrams and sets</li> <li>• Conditional probability</li> </ul>	<ul style="list-style-type: none"> <li>• Graphical misrepresentation</li> <li>• <b>Pie chart</b></li> <li>• Line graph and time series</li> </ul>
<ul style="list-style-type: none"> <li>• Types of numbers</li> <li>• <b>Factors and multiples</b></li> <li>• Reverse percentages</li> <li>• Index notation</li> <li>• Laws of indices</li> <li>• Rounding</li> <li>• Standard form calculation</li> </ul>	<ul style="list-style-type: none"> <li>• Use ratio</li> <li>• <b>Calculate with proportions</b></li> <li>• <b>Direct proportion</b></li> <li>• <b>Growth and decay problems</b></li> </ul>	<ul style="list-style-type: none"> <li>• Simplifying algebraic expressions</li> <li>• Completing the square</li> <li>• <b>Multiplying out brackets</b></li> <li>• Formulate algebraic expressions</li> <li>• Rearranging formulae</li> <li>• Factorise expressions</li> <li>• Use of brackets</li> <li>• <b>Linear equations</b></li> <li>• Quadratic equations</li> <li>• Graphical inequalities</li> <li>• Features and types of graphs</li> <li>• Trigonometric graphs</li> <li>• Transformations of graphs</li> <li>• Drawing and interpreting graphs</li> <li>• Solution set for inequalities</li> </ul>	<ul style="list-style-type: none"> <li>• Reasons for congruency</li> <li>• Length, area and volume scale factors of similar figures</li> <li>• Units of money, distance, time, density, mass, volume and area</li> <li>• <b>Volume and surface area: cuboid and prism</b></li> <li>• Area and circumference of a circle</li> <li>• Trigonometry</li> <li>• Solving non-right-angled triangles</li> </ul>	<ul style="list-style-type: none"> <li>• Equally likely outcomes and probability</li> <li>• Sample spaces</li> <li>• Enumeration</li> <li>• <b>Calculation with the laws of probability</b></li> <li>• Conditional probability</li> </ul>	<ul style="list-style-type: none"> <li>• Cumulative frequency</li> </ul>

<https://www.mathsgenie.co.uk/gcse.html>

<https://corbettmaths.com/contents/>

Faith	Resilience	Excellence	Respect	Community	Family



## Modern Foreign Languages (MFL)

Exam Board: AQA

### 1. Theme 1: Identity and culture

Topic 1: Me, my family and friends

- Relationships with family and friends
- Marriage/partnership

Topic 2: Technology in everyday life

- Social media
- Mobile technology

Topic 3: Free-time activities

- Music
- Cinema and TV
- Food and eating out
- Sport

Topic 4: Customs and festivals in French-speaking countries/communities

### 1.2 Theme 2: Local, national, international and global areas of interest

Topic 1: Home, town, neighbourhood and region

Topic 2: Social issues

- Charity/voluntary work
- Healthy/unhealthy living

Topic 3: Global issues

- The environment
- Poverty/homelessness

Topic 4: Travel and tourism

### 1.3 Theme 3: Current and future study and employment

Topic 1: My studies

Topic 2: Life at school/college

Topic 3: Education post-16

Topic 4: Jobs, career choices and ambitions

[www.satchelone.com](http://www.satchelone.com)

<https://senecalearning.com/en-GB/>

[www.quizlet.com](http://www.quizlet.com)

<https://lyricstraining.com/>





## Religious Education

### Exam Board: (Edexcel specification A)

#### Paper One: Catholic Christianity Exam 1hr 45mins

Beliefs and Teachings  
Practices  
Sources of Wisdom and Authority  
Forms of Expression and Ways of Life

#### Judaism Exam 50 minutes

Judaism Beliefs and Teachings  
Judaism Practices

#### Philosophy and Ethics 50 minutes

Philosophy  
Ethics

All of the above units will feature on the November mock exam and therefore all topics within the units need to be revised.

Suggested revision resources:

[GCSE Religious Studies - Edexcel - BBC Bitesize](#)

[Free Edexcel Religions GCSE Revision | Seneca \(senecalearning.com\)](#)

My Revision Notes Edexcel Religious Studies for GCSE (9-1): Catholic Christianity (Specification A): Faith and Practice in the 21st Century Paperback – 29 Dec. 2017





Science



Exam Board: Edexcel

## Combined science method of assessment

### Biology 1

Paper 1  
1hr 10  
60 marks

### Chemistry 1

Paper 1  
1hr 10  
60 marks

### Physics 1

Paper 1  
1hr 10  
60 marks

### Biology 2

Paper 2  
1hr 10  
60 marks

### Chemistry 2

Paper 2  
1hr 10  
60 marks

### Physics 2

Paper 2  
1hr 10  
60 marks

- Foundation (1–5) and Higher (4–9) available

### Paper 1 Combined Science:

#### Biology

Topic 1 – Key concepts in biology,  
Topic 2 – Cells and control,  
Topic 3 – Genetics,  
Topic 4 – Natural selection and genetic modification,  
Topic 5 – Health, disease and the development of medicines

#### Chemistry

Topic 1 – Key concepts in chemistry,  
Topic 2 – States of matter and mixtures,  
Topic 3 – Chemical changes,  
Topic 4 – Extracting metals and equilibria

#### Physics

Topic 1 – Key concepts of physics,  
Topic 2 – Motion and forces,  
Topic 3 – Conservation of energy,  
Topic 4 – Waves,  
Topic 5 – Light and the electromagnetic spectrum,  
Topic 6 – Radioactivity



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## Paper 2 Combined Science:

### Biology

Topic 1 – Key concepts in biology,  
Topic 6 – Plant structures and their functions,  
Topic 7 – Animal coordination, control and homeostasis,  
Topic 8 – Exchange and transport in animals,  
Topic 9 – Ecosystems and material cycles

### Chemistry

Topic 1 – Key concepts in chemistry,  
Topic 6 – Groups in the periodic table,  
Topic 7 – Rates of reaction and energy changes,  
Topic 8 – Fuels and Earth science

### Physics

Topic 1 – Key concepts of physics,  
Topic 8 – Energy - Forces doing work, Topic 9 – Forces and their effects,  
Topic 10 – Electricity and circuits,  
Topic 12 – Magnetism and the motor effect, Topic 13 – Electromagnetic induction,  
Topic 14 – Particle model,  
Topic 15 – Forces and matter

## Triple Science

# Triple science method of assessment

### Biology 1

Paper 1  
1hr 45  
100 marks

### Chemistry 1

Paper 1  
1hr 45  
100 marks

### Physics 1

Paper 1  
1hr 45  
100 marks

### Biology 2

Paper 2  
1hr 45  
100 marks

### Chemistry 2

Paper 2  
1hr 45  
100 marks

### Physics 2

Paper 2  
1hr 45  
100 marks

- Foundation (1–5) and Higher (4–9) available



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## Biology, Chemistry and Physics GCSE- Paper One Content

<b>Biology</b> Topic 1 – Key concepts in biology, Topic 2 – Cells and control, Topic 3 – Genetics, Topic 4 – Natural selection and genetic modification, Topic 5 – Health, disease and the development of medicines	<b>Chemistry</b> Topic 1 – Key concepts in chemistry, Topic 2 – States of matter and mixtures, Topic 3 – Chemical changes, Topic 4 – Extracting metals and equilibria Topic 5- separate chemistry 1	<b>Physics</b> Topic 1 – Key concepts of physics, Topic 2 – Motion and forces, Topic 3 – Conservation of energy, Topic 4 – Waves, Topic 5 – Light and the electromagnetic spectrum, Topic 6 – Radioactivity Topic 7 – Astronomy
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## Biology, Chemistry and Physics GCSE- Paper Two Content

<b>Biology</b> Topic 1 – Key concepts in biology Topic 6 – Plant structures and their functions Topic 7 – Animal coordination, control and homeostasis Topic 8 – Exchange and transport in animals Topic 9 – Ecosystems and material cycles	<b>Chemistry</b> Topic 1 – Key concepts in chemistry Topic 6 – Groups in the periodic table Topic 7 – Rates of reaction and energy changes Topic 8 – Fuels and Earth science Topic 9 – Separate chemistry 2	<b>Physics</b> Topic 1 – Key concepts of physics Topic 8 – Energy - Forces doing work Topic 9 – Forces and their effects Topic 10 – Electricity and circuits Topic 11 – Static electricity Topic 12 – Magnetism and the motor effect Topic 13 – Electromagnetic induction Topic 14 – Particle model Topic 15 – Forces and matter
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[www.Senecalearning.com](http://www.Senecalearning.com)

[www.freesciencelessons.co.uk](http://www.freesciencelessons.co.uk)

BBC Bitesize

Exam Board Edexcel

The November mocks for year 11 will be based on a paper 1 for all science subject areas





## Preferred Revision Strategies at All Saints Catholic College

1. Flash Cards
2. Cornell Notes
3. Past Papers

### How to make flashcards

1. Ensure that the flashcards have a **question or key term** on one side and the **answer or definition** on the other.
  - The flashcard must work the memory.
  - If flashcards only contain notes then no **retrieval practice** will be happening.



### How to make flashcards

2. Ensure the right questions and knowledge are on the cards.
3. Keep information as short as possible.
4. Write clearly. You should be able to read what you wrote at a very quick glance.



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Family





## How to make flashcards

5. Use different **coloured cards or pens** to categorise your flashcards. For example, use a different colour for each subject or topic. This can help your brain to categorise information better.

6. Make your flashcards as soon as you've learnt the topic in class.



## Leitner System – The Method

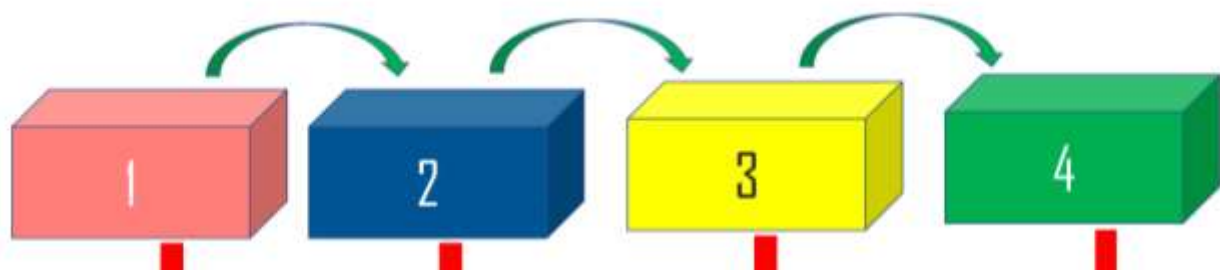
All flash cards start off in Box / Stack 1.

As you review the cards, each card you answer correctly goes into Box 2.

If you give the wrong answer the card stays in box 1.

When you review cards in Box 2, if you still get it right you move the card to box 3 and so on until all cards are in Box 4.

If you get a card wrong in any box, it goes back to Box 1.

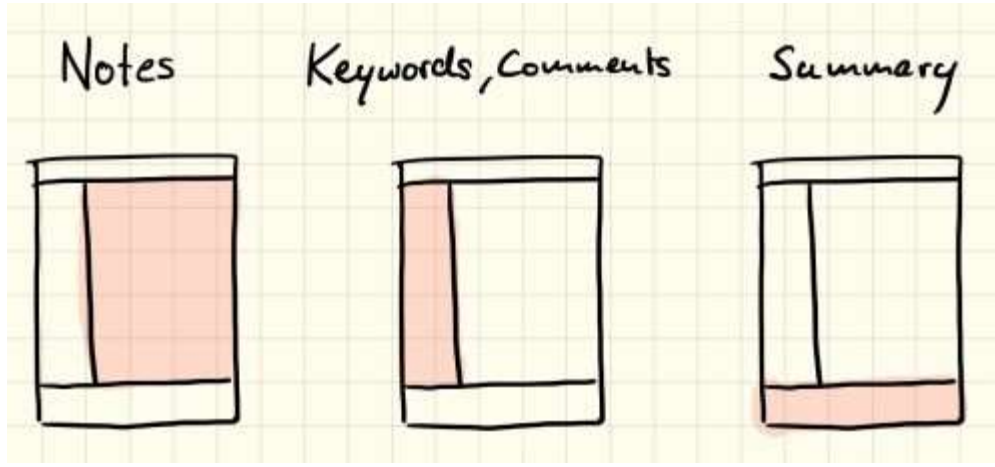


<https://www.youtube.com/watch?v=C20EvKtdJwQ>





Cornell Notes



Example

<h1><u>TITLE</u></h1>		Date
<p>Keywords</p>	<ul style="list-style-type: none"> <li>• Main notes</li> <li>• ideally using abbreviations</li> </ul>	
<p>Questions</p>	<ul style="list-style-type: none"> <li>• Key thoughts</li> </ul>	
<h2>SUMMARY</h2>		

[Study Skills: How to Take Cornell Notes - YouTube](#)

