



**Salford City Academy**  
The best in everyone™  
Part of United Learning

# YEAR 9

## Mid Year Assessments

### Revision Information Booklet



<b>Name:</b>	
<b>Form:</b>	

# How to Revise

- The following strategies are our recommended revision techniques at Salford City Academy.
- Select the technique you feel works best for you and the subject you are studying at the time.
- You can use a combination of all three or select the one or two strategies that you prefer.



## **FLASHCARDS**

They helps us to:

- Self-test
- Aid memorisation
- Chunk down information

We use them for:

- Memorising key facts, dates, formulae, vocabulary.
- Linking images and vocabulary
- Spaced retrieval



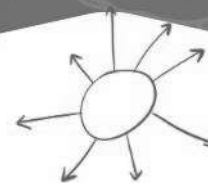
## **CORNELL NOTES**

They help us to:

- Organise information
- Write notes in a structured format
- Summarise information

We use them for:

- Taking and reviewing notes
- Recalling information



## **MIND MAPS**

They help us to:

- Stay organised.
- Remember things visually
- Write less

We use them for:

- Linking information
- Representing ideas visually
- Selecting key information

# How to Use this Booklet

## REVISION TIMETABLE

Plan out your time using the revision timetable.


Use the subject pages and write each specific topic where you plan to revise it.

	WEEK 1
MONDAY	Science: Ecological relationships
	English: Plot summary
	Maths: Index laws
TUESDAY	Geography: Constructive and destructive waves
	History: Why were people criticising the church:
	Spanish: Time phrases and opinion verbs

## SUBJECT PAGES

Tick off each topic as you complete your revision.

Use the specific topics and revision references to decide what to revise.

SCIENCE 			
EXAM INFORMATION			
<ul style="list-style-type: none"> <li>1 paper – 60 marks</li> <li>60 minutes</li> <li>Exam style questions on the topics below.</li> </ul>			
4 WEEK REVISION PLAN			
WEEK 1	Ecological relationships <ul style="list-style-type: none"> <li>Food web and pyramid of numbers</li> <li>Describe how decay occurs and explain why decay is important in food chains</li> </ul>	Knowledge organiser page: 42. Ecosystems and habitats - KS3 Biology - BBC Bitesize Revision booklet	✓

# My Revision Timetable

	WEEK 1		WEEK 2	WEEK 3	WEEK 4
MONDAY					
TUESDAY					
WEDNESDAY					
THURSDAY					
FRIDAY					
SATURDAY					
SUNDAY					

# ENGLISH



## EXAM INFORMATION

- Two papers
- Each paper is one hour long
- One reading paper on *The Crucible* One writing paper where you have to write a piece of non fiction

## 4 WEEK REVISION PLAN

WEEK 1	Read the plot summary and summarise in 2 sentences	Page 3	
	Read the characters overview and answer the questions Read the themes overview and answer the questions	Pages 3-4 Page 10	
	Start memorising key quotations and test yourself	Pages 2 and 20	
WEEK 2	Read model answer on Abigail and highlight the PETE structure	Page 8	
	Write your own answer on either John Proctor and Reverend Hale	Page 9	
	Memorise key quotations and test yourself	Pages 2 and 20	
WEEK 3	Read model answer on power and highlight the PETE structure	Page 14	
	Write your own essay on either reputation or corruption	Page 15	
	Memorise key quotations and test yourself	Pages 2 and 21	
WEEK 4	Study information on how to write a piece of non fiction	Page 18	
	Write a piece of non fiction	Page 19	
	Memorise key quotations and test yourself	Pages 2 and 21	
REVISION RESOURCES			
<ul style="list-style-type: none"> <li>• Revision guide</li> <li>• Key quotation sheet</li> <li>• Key moments booklet</li> </ul>			

# MATHS



## EXAM INFORMATION

- Number of papers: 1
- Exam length: 60 minutes
- Style of exam: Non-Calculator

## 4 WEEK REVISION PLAN

WEEK 1	<b>Topic 1: Estimation</b> <ul style="list-style-type: none"> <li>• Rounding</li> <li>• Estimating calculations</li> </ul>	Sparx codes U480, U298, U731, U965, U225, U657, U587, U108, U301	
	<b>Topic 2: Estimation</b> <ul style="list-style-type: none"> <li>• Truncation</li> <li>• Error intervals</li> </ul>	Sparx codes U480, U298, U731, U965, U225, U657, U587, U108, U301	
	<b>Topic 3: Related Calculations</b> <ul style="list-style-type: none"> <li>• Related calculations (multiplication/division)</li> </ul>	Sparx codes U735	
WEEK 2	<b>Topic 4: Index Laws 2</b> <ul style="list-style-type: none"> <li>• Index laws of addition &amp; subtraction</li> <li>• Powers of Powers</li> <li>• Zero and Negative powers</li> </ul>	Sparx codes U105, U622, U103, U437, U685, U457, U824	
	<b>Topic 5: Index Laws 2</b> <ul style="list-style-type: none"> <li>• Fractional powers</li> <li>• Converting powers to a different base</li> </ul>	Sparx codes U105, U622, U103, U437, U685, U457, U824	
	<b>Topic 6: Expanding and Simplifying</b> <ul style="list-style-type: none"> <li>• Simplifying expressions with indices</li> <li>• Expand and simplify single brackets</li> <li>• Expand double brackets</li> </ul>	Sparx codes U179, U365, U768, U178, U963	
WEEK 3	<b>Topic 7: Factorising</b> <ul style="list-style-type: none"> <li>• Factorise single brackets</li> <li>• Factorise double brackets</li> <li>• Difference of two squares</li> </ul>	Sparx codes U179, U365, U768, U178, U963	
	<b>Topic 8: Algebraic Fractions</b> <ul style="list-style-type: none"> <li>• Capture recapture</li> <li>• Four operations with algebraic fractions</li> </ul>	Sparx codes M795, U613, M830	
	<b>Topic 9: Probability 2</b> <ul style="list-style-type: none"> <li>• Probability sum to 1</li> <li>• Relative frequency &amp; Expected outcomes</li> </ul>	Sparx codes M941, M755, M332, M938, M655, M419	
WEEK 4	<b>Topic 10: Probability 2</b> <ul style="list-style-type: none"> <li>• Venn diagrams</li> <li>• Tree diagrams</li> </ul>	Sparx codes M941, M755, M332, M938, M655, M419	
	<b>Topic 11: Equations 2</b> <ul style="list-style-type: none"> <li>• Negative and fractional equations</li> <li>• Equations with brackets</li> <li>• Unknowns on both sides</li> </ul>	Sparx codes M707, M509, M387, M554, M813, M795, M531, M957, U228	
	<b>Topic 12: Equations 2</b> <ul style="list-style-type: none"> <li>• Solving quadratic equations</li> <li>• Solving using the quadratic formula</li> </ul>	Sparx codes M707, M509, M387, M554, M813, M795, M531, M957, U228	

## REVISION RESOURCES

- Revision guide: CGP KS3 Complete Revision and Practice (£11.99)
- Online platform: [www.sparxmaths.uk](http://www.sparxmaths.uk)
- Recommended website: [www.sparxmaths.uk](http://www.sparxmaths.uk)

# SCIENCE



## EXAM INFORMATION

- 1 paper – 60 marks
- 60 minutes
- Exam style questions on the topics below.

## 4 WEEK REVISION PLAN

WEEK 1	<b>Forces in action</b> <ul style="list-style-type: none"> <li>• Calculate moments</li> <li>• Simple machines and examples</li> <li>• Explain what is meant by the 'elastic limit' of an object</li> <li>• Use Hooke's Law</li> <li>-</li> </ul>	Knowledge organiser page: 56 <a href="#">Moments - Forces and movement - KS3 Physics - BBC Bitesize - BBC Bitesize</a> <b>Revision booklet and questions</b>	
	<b>Reactivity</b> <ul style="list-style-type: none"> <li>• Formation of ions</li> <li>• Use charges to write formula</li> <li>• Formula mass</li> <li>- Reaction of metals with acids</li> </ul>	Knowledge organiser page: 55 <a href="#">Chemical reactions - KS3 Chemistry - BBC Bitesize</a> <b>Revision booklet and questions</b>	
	<b>Rates and Energetics</b> <ul style="list-style-type: none"> <li>• Measuring Rates</li> <li>- Effect of changing concentration, surface area and adding a catalyst to RoR.</li> </ul>	Knowledge organiser page: 54 <a href="#">Catalysts guide for KS3 chemistry students - BBC Bitesize</a> <b>Revision booklet and questions</b>	
WEEK 2	<b>Plants and Photosynthesis</b> <ul style="list-style-type: none"> <li>• Leaf adaptations</li> <li>• Specialised cells – sperm cell, palisade cell, root hair cell, muscle cell</li> <li>• State where stomata are found and what they do</li> <li>- Test a leaf for starch</li> </ul>	Knowledge organiser page: 53 <a href="#">What is photosynthesis? - Respiration and gas exchange - KS3 Biology - BBC Bitesize</a> <b>Revision booklet and questions</b>	
	<b>Matter</b> <ul style="list-style-type: none"> <li>• Particle theory</li> <li>- Density and diffusion</li> </ul>	Knowledge organiser page: 57 <a href="#">Solids, liquids and gases - KS3 Physics - BBC Bitesize</a> <b>Revision booklet and questions</b>	
	<b>Forces in action</b> <ul style="list-style-type: none"> <li>• Calculate work done</li> <li>• Recognise and describe a proportional relationship</li> <li>• Describe what is meant by 'elastic deformation' and elastic objects</li> <li>-</li> </ul>	Knowledge organiser page: 56 <a href="#">Hooke's law - Forces and movement - KS3 Physics - BBC Bitesize - BBC Bitesize</a> <b>Revision booklet and questions</b>	
WEEK 3	<b>Reactivity</b> <ul style="list-style-type: none"> <li>• Reactions of metal oxides and metal carbonates with acids</li> <li>• Test for carbon dioxide</li> <li>• Name the salt produced</li> </ul> <b>Displacement and neutralisation reactions</b>	Knowledge organiser page: 55 <a href="#">Chemical reactions - KS3 Chemistry - BBC Bitesize</a> <b>Revision booklet and questions</b>	

	<b>Rates and Energetics</b> <ul style="list-style-type: none"> <li>• Endothermic and exothermic reactions</li> <li>• Combustion</li> <li>- Thermal decomposition</li> </ul>	Knowledge organiser page: 54 <u>What are exothermic and endothermic reactions?</u> - BBC Bitesize <b>Revision booklet and questions</b>	
	<b>Plants and photosynthesis</b> Describe how plants effects the atmospheric carbon dioxide levels <ul style="list-style-type: none"> <li>- Give examples of pollinators</li> </ul>	Knowledge organiser page: 53 <u>Greenhouse gases and climate change - Humans and the environment - KS3 Biology - BBC Bitesize - BBC Bitesize</u> <b>Revision booklet and questions</b>	
WEEK 4	<b>Matter</b> <ul style="list-style-type: none"> <li>• Pressure in liquids and gasses</li> <li>- Upthrust, floating and sinking.</li> </ul>	Knowledge organiser page: 57 <u>Pressure in fluids guide for KS3 physics students - BBC Bitesize</u> <b>Revision booklet and questions</b>	
	<b>Scientific skills</b> <ul style="list-style-type: none"> <li>- Calculate averages and ignoring anomalies</li> <li>- Describe the difference between reproducible data and reproducible conclusions</li> <li>- Make and record observations and measurements</li> <li>-</li> </ul>	<u>Working scientifically - KS3 Chemistry - BBC Bitesize</u> Optional Science skill assignment posted by your science teacher.	
	<b>Reactivity</b> <ul style="list-style-type: none"> <li>• Identify oxidation and reduction in given equations</li> <li>• Explain how differences in reactivity can be used to produce a voltage and how this can be varied</li> <li>-</li> </ul>	Knowledge organiser page: 55 <u>Oxidation - BBC Bitesize</u> <b>Revision booklet and questions</b>	
<b>REVISION RESOURCES</b>			
<ul style="list-style-type: none"> <li>• Knowledge organiser – see pages for each topic in the revision references section.</li> <li>• Educake</li> <li>• BBC Bitesize: Google the information on the revision reference and it will be the first option in your searches.</li> </ul>			



# GEOGRAPHY



## EXAM INFORMATION

- 1 paper
- 45 minutes
- Written exam

## 4 WEEK REVISION PLAN

WEEK 1	Location of BRIC and MINT countries	Knowledge organiser	
	Human and physical characteristics of NEEs	Knowledge organiser	
	Employment structure change in NEEs	Knowledge organiser	
WEEK 2	Rural to urban migration (push factors)	Knowledge organiser	
	Rural to urban migration (push factors)	Knowledge organiser	
	Opportunities in Rio	Knowledge organiser	
WEEK 3	Challenges in Rio	Knowledge organiser	
	Squatter settlements (Favelas)	Knowledge organiser	
	Informal employment	Knowledge organiser	
WEEK 4	TNC investment in Nigeria (Shell)	Knowledge organiser	
	TNC investment in Nigeria (Shell)	Knowledge organiser	
	TNC investment in Nigeria (Shell)	Knowledge organiser	

## REVISION RESOURCES

- Knowledge organiser
- Seneca
- BBC bitesize

# HISTORY



## EXAM INFORMATION

- *Number of papers: 1*
- *Exam length: 1 hour*
- *Style of exam:*
  - Section A: Knowledge
  - Section B: Sources and Interpretations
  - Section C: Written section

## 4 WEEK REVISION PLAN

WEEK 1	<i>Causes of World War One: Militarism and Alliances</i>	<i>Revision ref:</i> <ul style="list-style-type: none"> <li>- Seneca</li> <li>- Knowledge organisers</li> <li>- BBC Bitesize</li> </ul>	
	<i>Causes of World War One: Imperialism, Nationalism and the assassination of Franz Ferdinand.</i>		
WEEK 2	<i>Key events of World War One: The stalemate, and war of attrition</i>	<i>Revision ref:</i> <ul style="list-style-type: none"> <li>- Seneca</li> <li>- Knowledge organisers</li> <li>- BBC Bitesize</li> </ul>	
	<i>The trench system</i>		
	<i>The Battle of the Somme</i>		
WEEK 3	<i>The end of World War One: Events of 1917</i>	<i>Revision ref:</i> <ul style="list-style-type: none"> <li>- Seneca</li> <li>- Knowledge organisers</li> <li>- BBC Bitesize</li> </ul>	
	<i>The Armistice, 1918</i>		
	<i>The Treaty of Versailles</i>		
WEEK 4	<i>Male suffrage: Peterloo and the Great Reform Act</i>	<i>Revision ref:</i> <ul style="list-style-type: none"> <li>- Seneca</li> <li>- Knowledge organisers</li> <li>- BBC Bitesize</li> </ul>	
	<i>Women's suffrage: The Suffragists and Suffragettes</i>		
	<i>Women's suffrage: World War One</i>		

## REVISION RESOURCES

- *Knowledge Organiser*
- *Online platform: Seneca*
- [KS3 History - BBC Bitesize](#)

# SPANISH



## EXAM INFORMATION

- *Number of papers: 2*
- *Exam length: 1 x 45 minutes, 1 x 30 minutes*
- *Style of exam:*
  - Exam 1: reading, listening and grammar
  - Exam 2: translation into Spanish and extended writing task

## 4 WEEK REVISION PLAN

WEEK 1	Topic 1: - Family relationships verbs	Revision Ref: - <i>Languagenut</i> - <i>Sentence builders</i>	
	Topic 2: - Family members		
	Topic 3: - Adjectives to describe family members		
WEEK 2	Topic 4: - A 'good friend' key verbs (sentence builder)	Revision Ref: - <i>Languagenut</i> - <i>Sentence builders</i>	
	Topic 5: - A 'good friend' adjectives		
	Topic 6: - Verbs in the 'I', 'you' and infinitive form.		
WEEK 3	Topic 7: - Phonics	Revision Ref: - <i>Languagenut</i> - <i>Sentence builders</i>	
	Topic 8: - Phonics continued		
	Topic 9: - Translation into Spanish (Sentences from sentence builders)		
WEEK 4	Topic 10 : - Extended writing practice – answering 3 bullet points	Revision Ref: - <i>Languagenut</i> - <i>Sentence builders</i>	
	Topic 11: - Extended writing practice – answering 3 bullet points		
	Topic 12: - Extended writing practice – answering 3 bullet points		

## REVISION RESOURCES

- *Sentence builders*
- *Online platform: Languagenut*

# MUSIC



## EXAM INFORMATION

- 1 paper
- 40mins
- Online exam – Microsoft forms

## 4 WEEK REVISION PLAN

WEEK 1	Topic 1 – Tonality – major/minor	Revision Ref – p34 Knowledge organiser	
	Topic 2 – Dynamics – piano/forte, crescendo/diminuendo		
	Topic 3 – Melody – scale, tone, semi-tone		
WEEK 2	Topic 4 – Articulation – legato/staccato	Revision Ref – p34 Knowledge organiser	
	Topic 5 – Structure – binary form, ostinato, theme and variations		
	Topic 6 – Theory – recognising treble clef note names, flats and sharps		
WEEK 3	Topic 7 – Tonality – major/minor, chromatic, diatonic, pentatonic	Revision Ref – p34 knowledge organiser	
	Topic 8 – Dynamics – pianissimo, piano, forte, fortissimo		
	Topic 9 – Melody – scale, tone, semi-tone, chromatic, diatonic, phrase		
WEEK 4	Topic 10 – Articulation – legato/staccato/accents	Revision Ref – p34 knowledge organiser	
	Topic 11 – structure – binary form, ternary form, ostinato, theme and variations		
	Topic 12- Theory – recognising treble clef note names, flats and sharps, keyboard layout		
REVISION RESOURCES			
• Knowledge organiser			