

## Year 10 Cycle 3 Assessment Revision

At Dixons Allerton Academy our mission is for all students to leave the academy saying:

“At DAA, I developed good moral principles and achieved exceptional outcomes that allowed me to have ambitious life choices”

We work tirelessly and do whatever it takes for our students to achieve this. We make no excuses for having high expectations. We work with families, students and each other to ensure all students leave prepared and equipped for their next stage in learning and life.

Please find enclosed some useful advice and a list of topics to help structure revision for the upcoming assessments.

### Top Tips

1. Start as early as you can
2. Make a plan
3. Create a suitable space
4. Use methods best for you
5. Take regular breaks
6. Revise with a friend
7. Use practice questions and past papers
8. Eat healthily

### Revision Techniques

#### DAA Knowledge Organisers

Use your Cycle Knowledge Organisers and the process of Read/Cover/Write/Check and Correct as part of your revision strategy.

1. **Read** a section/box of information from your Knowledge Organiser
2. **Cover** it with your pencil case/book or piece of paper
3. Try to **write** it down accurately from memory
4. **Check** against your Knowledge Organiser, **correct** any errors and fill any gaps in red pen
5. Repeat until you are able to write the information down accurately



#### Flash Cards

Summarise the topic on a flash card or post-it, use only the key, word, symbols, date, quotes and pieces. On the flipped side write the topics name. This will help when you come to test/quiz your knowledge. Use different colours for subjects and ask friends and family to verify your answers when you say them out loud.



#### Mind Maps or Brain dump

Write, tell or draw everything you can remember about the topic you are revising, the process of remembering will help strengthen your memory. Use your exercise book, Knowledge Organiser and additional resources to add more branches and categories to ensure you have all the key information.

## Y10 DAT Cycle Assessments

<b>C3W7</b>	<b>Mon 3rd June</b>	<b>Tues 4th June</b>	<b>Weds 5th June</b>	<b>Thurs 6th June</b>	<b>Fri 7th June</b>
	Y10 English Literature (1hr 45mins)		Y10 English Language (1hr 45mins)		Y10 Science P1 (Combined 1hr 15mins; Separate 1hr 45 mins)
<b>C3W8</b>	<b>Mon 10th June</b>	<b>Tues 11th June</b>	<b>Weds 12th June</b>	<b>Thurs 13th June</b>	<b>Fri 14th June</b>
		Y10 Spanish Reading (1hr)	Y10 Maths P1 Non-Calc (1hr 30mins)	Y10 Science P2 (Combined 1hr 15mins; Separate 1hr 45 mins)	Y10 Spanish Listening (45mins)
				Y10 Spanish Writing (1hr 15mins)	
<b>C3W9</b>	<b>Mon 17th June</b>	<b>Tues 18th June</b>	<b>Weds 19th June</b>	<b>Thurs 20th June</b>	<b>Fri 21st June</b>
			Y10 Science P3 (Combined 1hr 15mins; Separate 1hr 45 mins)	Y10 Geography (1hr 30mins)	Y10 Maths P2 Calculator (1hr 30mins)

## Y10 Cycle 3 Revision Topics

### English:

Revision topics	R	A	G
<b>Week 1 – Charity in A Christmas Carol.</b> Recall key moments (e.g. the charity collectors' visit in stave 1, the need for charity shown in stave 3, Scrooge's charity in stave 5) and <i>mind map all your ideas as though you were answering an essay task on how Dickens shows the importance of charity.</i>			
<b>Week 2 – The supernatural in Macbeth.</b> Recall key moments (e.g. the opening scene, the prophecies, the hallucinations, Macbeth's 2 <sup>nd</sup> visit, the reference to the witches/prophecies in the final scenes) and <i>mind map all your ideas as though you were answering an essay task on how Shakespeare presents the supernatural.</i>			
<b>Week 3 - Family in A Christmas Carol.</b> Recall key moments (e.g. Fred's invitation in stave 1, Scrooge's memories in stave 2/seeing Belle's family, The Cratchits/Fred's party in stave 3, Scrooge's visit to Fred in stave 5) and <i>mind map all your ideas as though you were answering an essay task on how Dickens shows the importance of family.</i>			
<b>Week 4 – Lady Macbeth.</b> Recall key moments (e.g. her reading Macbeth's letter and encouraging him to commit regicide in act 1, her reassuring him after the murder in act 2, her support at the banquet in act 3, her 'innocence of the knowledge' of the later murders and her taking her own life in act 5) and <i>mind map all your ideas as though you were answering an essay task on how and why Shakespeare presents Lady Macbeth.</i>			
<b>Week 5 – The spirits in A Christmas Carol.</b> Recall key moments (e.g. how each ghost enters/is first met by Scrooge, what each ghost shows/represents to Scrooge, how the spirits help him to change) and <i>mind map all your ideas as though you were answering an essay task on how Dickens presents the spirits.</i>			
<b>Week 6 - Loyalty in Macbeth.</b> Recall key moments (e.g. act 1 scene 2 vs act 1 scene 3, the regicide, the hallucinations/guilt, Macduff's loyalty in act 4 and 5 v Macbeth's betrayal and punishment) and <i>mind map all your ideas as though you were answering an essay task on how Shakespeare presents the importance of loyalty.</i>			
<b>Week 7 – Scrooge's emotions in A Christmas Carol.</b> Recall key moments (e.g. coldness in stave 1, sadness in stave 2 seeing Belle/stave 3 seeing poverty, joy in stave 3 seeing Fred's party, desperation in stave 4, joy in stave 5) and <i>mind map all your ideas as though you were answering an essay task on how Dickens portrays Scrooge's emotions.</i>			
<b>Week 8 - The supernatural in Macbeth.</b> Recall key moments (e.g. the opening scene, the prophecies, the hallucinations, Macbeth's 2 <sup>nd</sup> visit, the reference to the witches/prophecies in the final scenes) and <i>mind map all your ideas as though you were answering an essay task on how Shakespeare presents the supernatural.</i>			
<b>Week 9 – Redemption/transformation in A Christmas Carol.</b> Recall key moments (e.g. miserliness in stave 1, regrets in stave 2, missed opportunities in stave 3, desperation to change in stave 4 after seeing the possible future, joy/charity/family in stave 5) and <i>mind map all your ideas as though you were answering an essay task on how and why Dickens portrays Scrooge as achieving redemption.</i>			

### Top tips:

- Use your 100% booklets and resources on Teams to help you
- Mr Bruff's videos can also be useful if you like a verbal/visual reminder
- As well as showing your teacher your essay plan each week, it would be fantastic revision to write up the essays for the topics you feel least confident with

## Y10 Cycle 3 Revision Topics

### Maths: Foundation Tier

Revision topics	R	A	G
Ordering decimals U435			
Multiplying and dividing positive integers U127, U453			
Order of operations U976			
Prime numbers, prime factors U236, U739			
Factors, multiples, HCF and LCM U211, U751, U529			
Powers and roots U851			
Calculating with standard form U264, U290, U161			
Fractions of amounts U881, U916			
Estimating answers U225			
Value for money M681			
Collecting like terms U105			
Expanding brackets U179, U768			
Factorising expressions U365			
Solving Linear equations U755, U325, U870, U505, U599			
Sharing amounts in a ratio U753, U577			
Pie charts U508, U172			
Angles in a triangle U628			
Surface area U929, U259, U871			
Frequency trees U280			
Volume of prisms and cylinders U174, U915			

#### Top tips:

- Make sure you know which topics you need to revise.
- Make your revision active. Don't just read notes. You could make flash cards, mind maps or use post it notes
- Watching videos online can really help to bring your notes alive!

#### Useful Websites:

All the below websites have revision videos as well as exam questions with solutions

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

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

## Y10 Cycle 3 Revision Topics

### Maths: Higher Tier

Revision topics	R	A	G
Calculating with roots and fractional indices U851, U985, U772, U299			
Surds U338, U663, U872, U499			
Expanding triple brackets U606			
Factorising quadratic expressions: $ax^2+bx+c$ U858			
Quadratic simultaneous equations U547			
Equation of a straight line: Perpendicular lines U898			
Quadratic graphs: Turning points U769			
Functions U637, U895, U448, U996			
Recurrence relations U171			
Algebraic direct and inverse proportion U407, U138			
Enlargements U134			
Volume: Problem solving U543, U426			
Similar Shapes: Area and volume U630, U110			
Pythagoras' Theorem in 2D and 3D U385, U541			
Right-angled trigonometry: Problem solving U319, U283, U545, U967			
Conditional probability U246, U821, U806			
Cumulative frequency diagrams U182, U642			
Box plots U879, U837, U507			
Histograms U814, U983, U267			
Capture-recapture U328			

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## Y10 Cycle 3 Revision Topics

Science: H/F tier content can be found in the specification [here](#)

Revision topics	R	A	G
C1 – Atomic structure and the periodic table			
B1 – Cell Biology			
P3 – Particle model of matter			
B2 – Organisation and B3 infection and Response			
P4 – Atomic structure			
C2 – Structure and Bonding and C3 Quantitative chemistry			
B4 - Bioenergetic			
C5 – chemical changes			
P1 Energy and P2 - Electricity			
C4 – Chemical changes and C8 Chemical analysis			
B5 - Homeostasis			
P7 Electricity and magnetism			
Relevant required practicals			

### Top tips:

- Use your revision guide to create flash cards of the key info and equations (including units) for each topic
- Make sure you are familiar with the required practicals for each topic

### Useful websites:

- Past papers, revision notes, flash cards and practice papers/questions and answers  
[Physics and Maths tutor](#)
- Youtube channels we recommend for revision  
[My GCSE science](#) (make sure you watch the AQA 9-1 videos)  
[Cognito science channel](#)  
[GCSE BBC bitesize](#)

## Y10 Cycle 3 Revision Topics

### Geography

Revision topics	R	A	G
Urbanisation: what is it and causes			
Mumbai importance, challenges, opportunities			
London importance, challenges, opportunities, regeneration (Olympic Park)			
Processes of erosion, transportation and longshore drift			
Coastal features: crack – stump, headland/bay, wave cut platform, beaches, sand dunes, spits/bars			
River features: interlocking spurs, waterfalls, meander/ox-bow lake, levees and floodplains			
Hard and soft engineering (rivers and coasts), managed retreat (coasts)			
What is a natural hazard, what increases hazard risk			
Structure of the earth, plate boundaries – constructive, destructive, conservative			
Tectonic hazard case studies – Iceland (HIC, 2010), Haiti (LIC, 2010) - primary and secondary effects, immediate and long-term responses			
Reducing risk of tectonic hazards			
Formation of tropical storms			
Typhoon Haiyan – effects, responses			
Reducing risks of tropical storms			
Development indicators			
Causes of the development gap, solutions to the development gap			
Nigeria – importance, economy, TNCs (good and bad)			
UK economy – how and why has it changed – deindustrialisation, science parks (new quaternary industries)			
UK economy differences – north-south divide, rural growth and decline			
Infrastructure improvements			

#### Top tips:

- Seneca learning
- Oak national academy
- BBC Bitesize
- 100% booklets
- Revisit existing assignments & presentations on Teams
- Make flashcard for key terms, dates and knowledge for each topic
- Mind-maps of topics and case studies

## Y10 Cycle 3 Revision Topics

### History

Revision topics	R	A	G
Militarism			
Alliances			
Imperialism			
Nationalism			
Stalemate and Key Battles of the Western Front			
Changing Allies in the First World War			
War at Sea			
America joins the War			
Failure of the Ludendorff Offensive and the End of the War			
Treaty of Versailles			
Political Instability in Weimar Germany			
Hitler's Rise to Power			
Women in Nazi Rule			
Children in Nazi Rule			
Undesirables in Nazi Rule			
Opposition to Nazi Rule			

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## Y10 Cycle 3 Revision Topics

### RE

Revision topics	R	A	G
<b>Christian beliefs:</b> Nature of God, Trinity and creation			
<b>Christian beliefs:</b> life of Jesus (incarnation. Crucifixion, resurrection and ascension)			
<b>Christian beliefs:</b> sin, salvation and afterlife			
<b>Christian practices:</b> different forms of worship			
<b>Christian practices:</b> sacraments (baptism and Eucharist)			
<b>Christian practices:</b> pilgrimage (Lourdes and Iona)			
<b>Christian practices:</b> festivals (Christmas and Easter)			
<b>Islamic beliefs</b> Nature of God and Tawhid			
<b>Islamic beliefs</b> Five Roots of Usual ad-Din and Six Articles of Faith			
<b>Islamic beliefs</b> Imamate- its role and significance			
<b>Islamic beliefs</b> Risalah (angels, prophets and holy books)			
<b>Islamic beliefs</b> Predestination and afterlife			
<b>Islamic practices</b> Five Pillars of Islam			
<b>Islamic practices</b> 10 Obligatory Acts			
<b>Islamic practices</b> Festivals: Eid ul-Fitr, Eid ul-Adha and Ashura			

### Top tips:

- Make sure you know which topics you need to revise.
- Use your Knowledge Organisers
- Seneca learning
- Oak national academy
- BBC Bitesize
- Make flashcard for key terms, dates and knowledge for each topic
- Mind-maps of topics

## Y10 Cycle 3 Revision Topics

### Spanish

Revision topics	R	A	G
Holidays			
School			
Family			
Technology			
Town			
Free-time activities			
Present tense			
Past tense			
Opinions / reasons			
Comparatives / superlatives			
If clauses (if I had etc)			

### Top tips:

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- Use your Knowledge Organisers
- Watching videos online can really help to bring your notes alive!

### Videos:

- Oak National Academy (<https://www.thenational.academy>)

## Y10 Cycle 3 Revision Topics

### Urdu

Revision topics	R	A	G
Introducing yourself			
School			
Family			
Technology			
Town			
Free-time activities			
Present tense			
Past tense			
Opinions / reasons			
Holidays			
Future tense			
Practising the picture question			
Practising the 40-word question			
Practising the 90-word question			

### Top tips:

- Make sure you know which topics you need to revise.
- Make your revision active. Don't just read notes. You could make flash cards, mind maps or use post it notes
- Use your Knowledge Organisers

## Y10 Cycle 3 Revision Topics

### ICT

Revision topics	R	A	G
Pre-production documents: purpose and content			
Media products and sectors			
Client requirements and audience segmentation			
Primary and secondary research			
Work Plan			
Components and examples of interactive multimedia products			
Meaning and examples of interactive digital media products			
Multimedia and interactive components			

### Top tips:

- Use your knowledge organiser to revise for your Cycle 3 assessment.
- Use Microsoft Teams to review your learning for Cycle 3. All resources are on your class page.

## Y10 Cycle 3 Revision Topics

### Hospitality and Catering

Revision topics	R	A	G
What are macro nutrients			
What are micronutrients			
Nutritional requirements from toddlers to elderly people			
How cooking methods impact different nutrients			
How to write a time plan			
Different contingencies to put in a time plan			

#### Top tips:

- Use your knowledge organiser to revise for your Cycle 3 assessment.
- Use Microsoft Teams to review your learning for Cycle 3. All resources are on your class page.
- Make flash cards to revise the keywords and meanings using your knowledge organiser.