

Year 9 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.

Y9 DAT Cycle Assessments

C3W7	Mon 3rd June	Tues 4th June	Weds 5th June	Thurs 6th June	Fri 7th June
				Y9 Maths P1 Non-Calculator (1hr 30mins)	

C3W8	Mon 10th June	Tues 11th June	Weds 12th June	Thurs 13th June	Fri 14th June
	Y9 Science P1 (1hr)		Y9 English (1hr 45mins)	Y9 Geography (55mins)	

C3W9	Mon 17th June	Tues 18th June	Weds 19th June	Thurs 20th June	Fri 21st June
			Y9 Maths P2 Calculator (1hr 30mins)	Y9 Spanish (3 Papers; 1hr 55mins - Reading 40mins; Listening 30mins; Writing 45mins)	Y9 Science P2 (1hr)

Y9 Cycle 3 Revision Topics

English:

Revision topics	R	A	G
Comprehension – reading and summarising a range of fiction texts			
Word and sentence types – identify simple, compound and complex sentences in passages and noun, adjectives, verbs and adverbs			
Linguistic techniques – symbolism, metaphor, imagery, simile – find examples in the text you are reading and explode quotations			
Analytical paragraphs – PEEA/PEEZZ			
Creative writing – writing stories based off an image or scene			

Top tips:

- BBC Bitesize
- Oak National Academy
- Knowledge organisers and English booklets
- Revisit existing assignments & presentations on Teams

Y9 Cycle 3 Revision Topics

Maths: Foundation

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/>

Y9 Cycle 3 Revision Topics

Maths: Higher

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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Y9 Cycle 3 Revision Topics

Science:

AQA Combined Science Trilogy Specification [here](#)

Revision topics	R	A	G
C1 – Atomic structure and the periodic table			
B1 – Cell Biology			
P3 – Particle model of matter			
B2 - Organisation			
P4 – Atomic structure			
C2 – Structure and Bonding			
B3 – infection and response			
Science Skills – Required Practical's			

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](#)

Y9 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)			

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

Y9 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			

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Y9 Cycle 3 Revision Topics

RE:

Revision topics	R	A	G
Christian beliefs: Nature of God, Trinity and creation			
Christian beliefs: life of Jesus (incarnation, Crucifixion, resurrection and ascension)			
Christian beliefs: sin, salvation and afterlife			
Islamic beliefs Nature of God and Tawhid			
Islamic beliefs Five Roots of Usual ad-Din and Six Articles of Faith			
Islamic beliefs Imamate- its role and significance			
Islamic beliefs Risalah (angels, prophets and holy books)			
Islamic beliefs Predestination and afterlife			
Protests			
Pacifism			
Just War and Holy War			

Top tips:

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- Use your Knowledge Organisers

Y9 Cycle 3 Revision Topics

Spanish:

Revision topics	R	A	G
Holidays in the present tense			
Holidays in the past			
Future holidays			
Weather			
School subjects			
School facilities			
School rules			
Primary school			
Extra curricular activities			
Family			
Description			
Family relationships			
Technology			
Hobbies			

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Videos:

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

Y9 Cycle 3 Revision Topics

Urdu:

Revision topics	R	A	G
Urdu alphabet – reading and writing			
Numbers 1-31, days and months			
The body			
Feeling unwell			
Healthy eating			
Staying healthy			
Invitations and eating out			
Writing high frequency words			
Writing your opinion about things			
Practising 40-word answers			

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Y9 Cycle 3 Revision Topics

ICT:

Revision topics	R	A	G
Using Adobe Photoshop			
Researching digital graphics, types of graphics, DPI, compression, file types			
Pre-production documents, purpose and content			
Identify, plan and design visual identity			
Create visual identity and digital graphics			

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.

Y9 Cycle 3 Revision Topics

Hospitality and Catering

Revision topics	R	A	G
What are macro nutrients			
What are micronutrients			
Different bacteria's			
Environmental health officer (EHO)			

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