

Year 12 Report Domains

Autumn 2023





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Guide to Grades		
Significant strength	1	A deep understanding of complex knowledge structures Has the capacity for skilful performance A very high success rate
Secure understanding	2	A good foundation for future learning Secure understanding of concepts and key vocabulary New knowledge bonds to existing knowledge
Some gaps	3	There is some confusion or uncertainty, but this can be addressed by further practice, review, revisiting and re-teaching
Cause for concern	4	Gaps in knowledge are preventing the acquisition of further learning



Applied Business		
	Key Knowledge	Next Steps
1	Financial interests of stakeholders	Tutor2u-Stakeholders AO1: Financial Interests of Stakeholders PPT and Student booklet Knowledge organiser
2	Start up and running costs	Tutor2u-Start Up AO1: Start up and running costs PPT and Student Booklet Knowledge organiser
3	Profits and surplus	Tutor2u-Profits tutor2u.net- surplus AO2: Profit and Surplus PPT and Student Booklet Knowledge organiser
4	Costs and revenues	tutor2u.net-costs and revenues AO2: Costs and revenue PPT and Student Booklet Knowledge organiser
5	Types of business ownership	Pupil Drive- Applied Business Mrs Lawler- Unit 1 Financial planning. Presentation, activity sheet and answer sheet.
6	Sources of Finance- internal and external	Pupil Drive- Applied Business Mrs Lawler- Unit 1 Financial planning. Presentation, activity sheet and answer sheet.
7	Market opportunities, form of ownership, the interests of four of its stakeholder groups, organisation of functional activities and factors determining form of ownership	Pupil drive, Applied Business Mr Daly, assignment 1, templates 1-4
8	Methods of recruitment used by a chosen business for differing vacancies and the overall effectiveness of recruitment	Pupil drive, Business Mrs Sloan, Year 12, Unit 2
9	Organisational types and how type can help to: exploit market opportunities; operate efficiently; motivate staff. Evaluating the suitability of an organisation type	Pupil drive, Business Mrs Sloan, Year 12, Unit 2
10	Outlining, analysing and evaluating ways in which competitive advantage can be held	Pupil drive, Business Mrs Sloan, Year 12, Unit 2



Art		
	Key Knowledge	Next Steps
1	Develop fresh ideas that have contextual meaning	How to choose a topic: A Level Art YouTube Finding inspiration - Video- BBC Bitesize Visual Arts Journal Ideas edugas.co.uk/art-and-design-resources How to write an artist statement
2	Write about artists showing personal understanding	Analysing and evaluating - BBC Bitesize Artists & Themes - The Arty Teacher www.tate.org.uk/file/ways-looking VLE remote art folder "words for art"
3	Explore a wide range of materials	ULTIMATE GUIDE TO GET 9/A* IN GCSE ART // 15 Quick Tips!! - YouTube "Wreck this Journal" by Keri Smith
4	Show skill and improvement using materials	VLE art knowledge organisers folder Pinterest YouTube
5	Drawing skills (including PRIMARY observation)	VLE art knowledge organisers folder Pinterest YouTube
6	Photography skills	YouTube YouTube YouTube
7	Use of self-evaluation	Annotating your work - - BBC Bitesize edugas.co.uk/assessment-objective-checklists edugas.co.uk/art and design sams



Biology

	Key Knowledge	Next Steps
1	Cells	YouTube
2	Biomolecules	
3	Practical skills	

Chemistry

	Key Knowledge	Next Steps
1	Atomic structure and the periodic table	A-Level AQA Chemistry Revision - Revisely
2	Quantitative chemistry	A-Level AQA Chemistry Revision - Revisely

Criminology

	Key Knowledge	Next Steps
1	Analyse different types of crime	Microsoft Teams, Criminology 2021-2023, files, class materials, Unit 1
2	Explain reasons why certain crimes go unreported	Microsoft Teams, Criminology 2021-2023, files, class materials, Unit 1
3	Explain the consequences of unreported crime	Microsoft Teams, Criminology 2021-2023, files, class materials, Unit 1
4	Describe media representation of crime	Microsoft Teams, Criminology 2021-2023, files, class materials, Unit 1
5	Explain the impact of media representations on the public perception of crime	Microsoft Teams, Criminology 2021-2023, files, class materials, Unit 1
6	Plan a campaign for change relating to crime	Microsoft Teams, Criminology 2021-2023, files, class materials, Unit 1
7	Design materials for use in campaigning for change	Microsoft Teams, Criminology 2021-2023, files, class materials, Unit 1
8	Justify a campaign for change	Microsoft Teams, Criminology 2021-2023, files, class materials, Unit 1



Economics		
	Key Knowledge	Next Steps
1	The basic economic problem, including Production Possibility Frontiers	Production Possibility Frontiers
2	Behavioural economics	Behavioural Economics
3	Theory of demand	Theory of Demand
4	Theory of supply	Theory of Supply
5	Circular flow of income	Circular flow of income
6	Aggregate demand	Aggregate Demand
7	Inflation/deflation	Inflation and Deflation
8	Employment/unemployment	Employment and Unemployment



English Literature		
	Key Knowledge	Next Steps
1	Understanding of context and different interpretations of the texts The Bloody Chamber/ Dracula	Angela Carter, Gothic literature and The Bloody Chamber - The British Library
2	Comments on how structure, form, language, shape meaning.	A Level English Literature - H472/02 - Summer 2019 (ocr.org.uk)
3	Precise use of analytical methods and terminology.	The Bloody Chamber in context Gender, class and power The Bloody Chamber: AS & A2 (yorknotes.com)
4	Engages with wider reading to develop critical insight.	Bad-good girls, beasts, rogues and other creatures: Angela Carter and the influence of fairy tales - The British Library (bl.uk)
5	Uses associated concepts and terminology to inform their written responses to A Doll's House and Rossetti's poetry.	A Level English Literature - H472/01 - Summer 2019 (ocr.org.uk)
6	Use of textual references to support ideas.	Revision Cards - A Doll's House: A Level, Context (yorknotes.com)
7	Understanding of context and different interpretations of the texts.	Revision Cards - A Doll's House: A Level, Context (yorknotes.com)
8	Engages with wider reading to develop critical insight.	Daughters of decadence: the New Woman in the Victorian fin de siècle - The British Library (bl.uk)

Food Science and Nutrition		
	Key Knowledge	Next Steps
1	The importance of food safety in food preparation and during practical lessons	Online food safety training Food Standards Agency Homepage Food Standards Agency Food Safety Guide for Caterers hazards, waste, storage (cpdonline.co.uk)
2	Plan for the production of dishes with independence, with consideration of nutritional value.	Nutrient requirements - British Nutrition Foundation
3	Prepare food using the appropriate equipment and skills evaluating performance independently	Recipes - BBC Food Recipes - BBC Good Food
4	Present dishes suitable for a restaurant menu	Food Plating: Easy Food Presentation & Plating Techniques (webstaurantstore.com)



Geography		
	Key Knowledge	Next Steps
1	Sediment cell concept	<p><i>Coastal Landscapes and Systems</i> chapter pack pg 110-130</p> <p>Seneca - Learn 2x Faster (senecalearning.com) – coastal landscapes</p> <p>Pupil drive - J:\Geography A LEVEL\Miss Day\Coasts</p>
2	Wave frequency	<p><i>Coastal Landscapes and Systems</i> chapter pack pg 110-130</p> <p>Seneca - Learn 2x Faster (senecalearning.com) – coastal landscapes</p> <p>Pupil drive - J:\Geography A LEVEL\Miss Day\Coasts</p>
3	Influence of vegetation on the coastline	<p><i>Coastal Landscapes and Systems</i> chapter pack pg 110-130</p> <p>Seneca - Learn 2x Faster (senecalearning.com) – coastal landscapes</p> <p>Pupil drive - J:\Geography A LEVEL\Miss Day\Coasts</p>
4	Key coastal processes (deposition/weathering)	<p><i>Coastal Landscapes and Systems</i> chapter pack pg 110-130</p> <p>Seneca - Learn 2x Faster (senecalearning.com) – coastal landscapes</p> <p>Pupil drive - J:\Geography A LEVEL\Miss Day\Coasts</p>
5	Coastal erosion	<p><i>Coastal Landscapes and Systems</i> chapter pack pg 110-130</p> <p>Seneca - Learn 2x Faster (senecalearning.com) – coastal landscapes</p> <p>Pupil drive - J:\Geography A LEVEL\Miss Day\Coasts</p>
6	Distribution of earthquakes	<p>J:\Geography A LEVEL\Mr Naughton\Year 12\Topic 1 - Tectonic Processes and Landscapes</p> <p>Seneca - Learn 2x Faster (senecalearning.com) – Tectonics</p>
7	Physical characteristics of volcanoes and associated hazards	<p>J:\Geography A LEVEL\Mr Naughton\Year 12\Topic 1 - Tectonic Processes and Landscapes</p> <p>Seneca - Learn 2x Faster (senecalearning.com) – Tectonics</p>



8	Theory 2 pieces of evidence	J:\Geography A LEVEL\Mr Naughton\Year 12\Topic 1 - Tectonic Processes and Landscapes Seneca - Learn 2x Faster (senecalearning.com) – Tectonics
9	Convergent plate margins	J:\Geography A LEVEL\Mr Naughton\Year 12\Topic 1 - Tectonic Processes and Landscapes Seneca - Learn 2x Faster (senecalearning.com) – Tectonics

Health		
	Key Knowledge	Next Steps
1	Physical development across the life stages, including physical, intellectual, emotional and social	Pupils drive, IT, Mrs Wood, Year 12 Health, Unit1 folder, presentations and practice task sheets.
2	Principles of growth & development inclusive of gross and fine motor skills	Pupils drive, IT, Mrs Wood, Year 12 Health, Unit1 folder, presentations and practice task sheets.
3	Physical development in adolescence	Pupils drive, IT, Mrs Wood, Year 12 Health, Unit1 folder, presentations and practice task sheets.
4	Primary and secondary sexual characteristics	Pupils drive, IT, Mrs Wood, Year 12 Health, Unit1 folder, presentations and practice task sheets.
5	Early adulthood / Pregnancy & lactation	Pupils drive, IT, Mrs Wood, Year 12 Health, Unit1 folder, presentations and practice task sheets.
6	Middle adulthood and the effects of the ageing process	Pupils drive, IT, Mrs Wood, Year 12 Health, Unit1 folder, presentations and practice task sheets.
7	Later adulthood and deterioration of health	Pupils drive, IT, Mrs Wood, Year 12 Health, Unit1 folder, presentations and practice task sheets.
8	Piaget the theorist and what he represents and discusses during childhood	Pupils drive, IT, Mrs Wood, Year 12 Health, Unit1 folder, presentations and practice task sheets.



History		
	Key Knowledge	Next Steps
1	The chronology of events in Britain 1918-79.	Use the VLE - !!!!!!!history/A-level for lessons and knowledge organisers Revisit wider reading provided in lessons Chronology of Events-pp.10-51-Pearson Democracies in Change.
2	Political Parties, Economy, Industrial Relations and the Welfare State.	Use the VLE - !!!!!!!history/A-level for lessons and knowledge organisers Revisit wider reading provided in lessons YouTube YouTube Political Parties-pp.10-22-Pearson Democracies in Change, Economy and Industrial Relations-pp.22-35-Pearson Democracies in Change, Welfare State-pp.36-51-Pearson Democracies in Change.
3	Key vocabulary, events and individuals	Use the VLE - !!!!!!!history/A-level for lessons and knowledge organisers Key Words Descriptors. Revisit wider reading provided in lessons Key knowledge-pp.4-164-Pearson Democracies in Change.
4	Understanding of the demands of answer A-Level exam questions in this unit.	Use the VLE - !!!!!!!history/A-level for lessons and knowledge organisers Revisit wider reading provided in lessons Pearson.com
5	Understanding of the chronology of events	Use the VLE - !!!!!!!history/A-level for lessons and knowledge organisers Revisit wider reading provided in lessons
6	Economic and political policy and the resulting change in the USA. Social and cultural developments with immigration and the boom period in the 1920's	Use the VLE - !!!!!!!history/A-level for lessons and knowledge organisers Revisit wider reading provided in lessons Key Word Descriptors. Democracies in Change Pearson- Boom and Crash 1920-29 pp168-188. Hodder- pp234-240, pp 246-257 Access to History USA 1920-55 pp 66-94
7	Support answers with key vocabulary, events and individuals, and show developed source skills in answers.	Use the VLE - !!!!!!!history/A-level for lessons and knowledge organisers Revisit wider reading provided in lessons Pearson democracies in change- pp 268-271 Specific Source skills lessons.
8	Students show understanding of the demands of A-Level exam answers for this unit.	Use the VLE - !!!!!!!history/A-level for lessons and knowledge organisers Revisit wider reading provided in lessons



IT		
	Key Knowledge	Next Steps
1	Computer hardware	Computer hardware Computer components Types of computer system Connectivity Communication hardware Hardware troubleshooting Units of measurement Number conversions Videos, Quizzes and Flashcards
2	Computer software	Software types Application software Utility software Operating systems Communication methods Software troubleshooting Protocols Videos, Quizzes and Flashcards
3	Networks and systems	Server types Virtualisation Network characteristics Connection methods Business systems Videos, Quizzes and Flashcards
4	Employability and communication	Communication skills Communication technology Personal attributes Ready for work Job roles Bodies and certification Videos, Quizzes and Flashcards
5	Issues and security	Ethical issues Operational issues Threats Physical security Digital security Data and system disposal Videos, Quizzes and Flashcards



Maths		
	Key Knowledge	Next Steps
1	Proof – algebraic	Maths Genie-Pure proof
2	Proof – by counter example	Maths Genie-Pure proof
3	Surds – simplifying and rationalising	Maths Genie-Pure Algebraic Expressions
4	Indices – simplifying	Maths Genie-Pure Algebraic Expressions
5	Solving quadratics	Maths Genie-Pure equations and inequalities
6	Using the discriminant	Maths Genie-Pure equations and inequalities
7	Modelling with quadratics	Maths Genie-Pure equations and inequalities
8	Inequalities	Maths Genie-Pure equations and inequalities
9	Curve sketching – transformations	Maths Genie-Pure sketching curves
10	Equation of a line	Maths Genie-Pure straight line graphs
11	Equation of a circle	Maths Genie-Pure coordinate geometry circles



Maths Further		
	Key Knowledge	Next Steps
1	Operations with complex numbers and finding the modulus	Complex Numbers & Argand Diagrams Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
2	Finding unknown complex roots	Complex Numbers & Argand Diagrams Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
3	Drawing Argand Diagrams	Complex Numbers & Argand Diagrams Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
4	Using the argument to find unknowns	Complex Numbers & Argand Diagrams Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
5	Evaluating series which don't start with the first term	Series Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
6	Proving series statements and evaluating	Series Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
7	Matrix algebra	Properties of Matrices Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
8	Prove general results for the summation of polynomial series	Roots of Polynomials Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
9	Prove that given complicated expressions are divisible by certain integers	Roots of Polynomials Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams
10	Prove results involving powers of matrices using induction	Roots of Polynomials Edexcel A Level Further Maths: Core Pure Questions & Answers 2017 (Medium) Save My Exams



Physics		
	Key Knowledge	Next Steps
1	Particle model	<u>Seneca Learning Physics AQA A level</u> Quarks and antiquarks Particle interactions <u>Seneca Learning Physics AQA A level</u> Application of conservation laws
2	Quantum phenomena	<u>Seneca Learning Physics AQA A level</u> The photoelectric effect The photo electric effect explanation
3	Mechanics	<u>Seneca Learning Physics AQA A level</u> The moments Centre of mass



Psychology		
	Key Knowledge	Next Steps
1	Experimental method	Tutor2u-research-methods
2	Observational techniques	Tutor2u-research-methods
3	Self-report techniques	Tutor2u-research-methods
4	Correlations	Tutor2u-research-methods
5	Aims, hypotheses and variables	Tutor2u-research-methods
6	Sampling and experimental designs	Tutor2u-research-methods
7	Ethics	Tutor2u-research-methods
8	Pilot studies	Tutor2u-research-methods
9	Descriptive statistics	Tutor2u-research-methods
10	Presentation and display of quantitative data	Tutor2u-research-methods
11	Reliability and validity	Tutor2u-research-methods
12	The multi-store model of memory, including features of each store: coding, capacity and duration.	tutor2u.net/multi-store-model-of-memory Microsoft teams, Y12 Psychology 2021-2023, files, class materials, Memory
13	The working memory model, including features of the model	tutor2u.net/working-memory-model Microsoft teams, Y12 Psychology 2021-2023, files, class materials, Memory
14	Types of long-term memory: episodic, semantic, procedural.	Youtube Microsoft teams, Y12 Psychology 2021-2023, files, class materials, Memory



15	Explanations for forgetting: proactive and retroactive interference and retrieval failure due to absence of cues.	tutor2u.net//proactive-and-retroactive-interference .tutor2u.net/ retrieval-failure-due-to-absence-of-cues Microsoft teams, Y12 Psychology 2021-2023, files, class materials, Memory
16	Factors affecting the accuracy of eyewitness testimony: misleading information, including leading questions and post-event discussion; anxiety.	tutor2u.net-misleading-information-in-eye-witness-testimony-ewt YouTube YouTube Microsoft teams, Y12 Psychology 2021-2023, files, class materials, Memory
17	Improving the accuracy of eyewitness testimony, including the use of the cognitive interview	tutor2u.net/ cognitive-interview Microsoft teams, Y12 Psychology 2021-2023, files, class materials, Memory

Sociology		
	Key Knowledge	Next Steps
1	The nature of childhood, and changes in the status of children in the family and society	tutor2u.net-families-and-households-student-revision-videos (Childhood topic)
2	Demographic trends in the UK since 1900: birth rates, death rates, life expectancy, ageing population	tutor2u.net//families-and-households-student-revision-videos (Demographic change in the UK)
3	Demographic trends in the UK since 1900: migration trends and the impact of globalisation	tutor2u.net/families-and-households-student-revision-videos (Demographic change in the UK)
4	Gender roles and domestic division of labour	tutor2u.net//families-and-households-student-revision-videos (Gender roles and relationships videos)
5	Power relationships within the family in contemporary society, focusing on the inequality	tutor2u.net-families-and-households-student-revision-videos (Gender roles and relationships videos)
6	Changing patterns of marriage, cohabitation, separation, divorce	tutor2u.net/families-and-households-student-revision-videos (Changing patterns of family and family diversity videos)
7	Changing family patterns including child-bearing and the life course	tutor2u.net/families-and-households-student-revision-videos (Changing patterns of family and family diversity videos)
8	Differential educational achievement by different social class groups	tutor2u.net/-student-revision-videos (Differential Educational achievement videos)
9	Differential educational achievement by gender	tutor2u.net/-student-revision-videos (Differential Educational achievement videos)



Spanish		
	Key Knowledge	Next Steps
1	Knowledge of present tense regular and irregular verbs	https://app.memrise.com/course/1699945/el-presente https://app.memrise.com/course/1211424/common-irregular-present-tense-verbs
2	Understanding vocabulary relating to changes in the family model in Spain	https://app.memrise.com/course/6117329/repaso-la-familia/
3	Translating a text into English about the change in attitudes towards marriage in Spanish society	https://app.memrise.com/course/6513481/y12-cambios-en-la-familia-vocabulary/
4	Translating into Spanish a text about the role of the church in Spanish society using a variety of tenses and grammar structures	https://app.memrise.com/course/6513481/y12-cambios-en-la-familia-vocabulary/



Sport		
	Key Knowledge	Next Steps
1	Structure, function, and effects of exercise on the skeletal system	Knowledge organisers Unit 1 Revise BTEC National Sport Units 1 and 2 Revision Guide/ Workbook BTEC Nationals Sport Student Book p4-18
2	Structure, function, and effects of exercise on the muscular system	Knowledge organisers Unit 1 Revise BTEC National Sport Units 1 and 2 Revision Guide/ Workbook BTEC Nationals Sport Student Book p18-28
3	Structure, function, and effects of exercise on the respiratory system	Knowledge organisers Unit 1 Revise BTEC National Sport Units 1 and 2 Revision Guide/ Workbook BTEC Nationals Sport Student Book p28-36
4	Structure, function, and effects of exercise on the cardiovascular system	Knowledge organisers Unit 1 Revise BTEC National Sport Units 1 and 2 Revision Guide/ Workbook BTEC Nationals Sport Student Book p3648



5	The principle of fitness testing	<p>Knowledge organisers Unit 5 BTEC Nationals Sport Student Book p 213-251 <u>Books</u> American College of Sports Medicine – <i>ACSM's Guidelines for Exercise Testing and Prescription, 7th edition</i> (Lippincott Williams and Wilkins, 2005) ISBN 9780781745901</p> <p>American College of Sports Medicine – <i>ACSM's Health-Related Physical Fitness Assessment Manual</i> (Lippincott Williams and Wilkins, 2007) ISBN 9780781775496</p> <p>Coulson M – <i>The Fitness Instructor's Handbook: A Complete Guide to Health and Fitness – Fitness Professionals</i> (A&C Black, 2007) ISBN 9780713682250</p> <p>Franks B D and Howley E T – <i>Fitness Leader's Handbook</i> (Human Kinetics Europe, 1998) ISBN 9780880116541 Hazeldine R – <i>Fitness for Sport</i> (The Crowood Press, 2000) ISBN 9781861263360</p> <p>Heyward V H – <i>Advanced Fitness Assessment and Exercise Prescription</i> (Human Kinetics, 2006) ISBN 9780736057325</p> <p>Howley E T and Franks B D – <i>Health Fitness Instructor's Handbook</i> (Human Kinetics Europe, 2003) ISBN 9780736042109</p> <p>Powers S K and Howley E T – <i>Exercise Physiology: Theory and Application to Fitness and Performance</i> (McGraw Hill Higher Education, 2006) ISBN 9780071107266 Sharkey B J and Gaskill S E – <i>Fitness and Health</i> (Human Kinetics, 2006) ISBN 9780736056144</p> <p>Skinner J – <i>Exercise Testing and Exercise Prescription for Special Cases: Theoretical and Clinical Applications</i> (Lippincott Williams and Wilkins, 2005) ISBN 9780781741132</p> <p>Watson A W S – <i>Physical Fitness and Athletic Performance: A Guide for Students, Athletes and Coaches</i> (Longman, 1996) ISBN 9780582091108</p>
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