



De Lisle College

Advent Assessment Information

Year 12

November & December 2022



# Advent Term Assessment Information

In Year 12, students have formal assessments on three occasions during the academic year. The Advent assessment tests content covered in the first term. Students then sit a more significant mock exam during the Lent term. In the Pentecost term, students sit a smaller assessment which will cover content delivered since the mock exam along with re-testing of targeted topics from the mock exam.

The assessment windows take place at the following times:

**Advent Term**—14 November – 9 December      **Lent Mock Exam** —27 February – 10 March      **Pentecost Term**— 5 June – 23 June

Formal assessment can look very different in each subject, and that is why we have provided your child with the information on the school website and within this booklet. The information explains what these assessments will look like, when they will take place and most importantly, how best to revise and prepare. This information is designed to allow you to support your child in their preparation at home.

We hope you find this information useful, and we encourage you to discuss this document with your child so that they can plan their preparation for these assessments.

These formal assessments are not just about getting a grade. We want students to engage closely with feedback, thinking ‘what do I know well?’ and ‘what do I now need to do to improve?’. By thinking in this way, it will help them to develop their knowledge in the longer term.

Outlined below is guidance on what will be covered in each subject. Please contact your child’s subject teacher if you need further help.

All of this information alongside links to revision material can be accessed on the school website:

<https://www.delisle.org.uk/4095/year-12>

Following the conclusion of these assessments, parents will receive a summary report of students’ performance at the end of the term. This will be in the format of an online report on go4schools.

The grades awarded in Year 12 will reflect where students are currently at in relation to end of course external assessment criteria. As a result, you should expect to see your child’s grades improve during the course of the two-year programme as they build their knowledge and develop their skill base.



Subject	Biology		
Title/Topic	Format	Length	WC
Paper 1 – Biology	Written Assessment	45 minutes	5 December
Paper 2 – Biology	Written Assessment	45 minutes	5 December

### In this Advent assessment I will be asked to show I can...

#### Paper 1

- Describe the structure of the cell surface membrane and explain its properties (spec point 2.2)
- Describe the processes of both passive and active transport of substances across a membrane – describe the role of carrier and channel proteins in this (spec point 2.4)
- Describe the structure of DNA (spec point 2.5)
- Explain how DNA is replicated and explain Meselson and Stahl's experiment (spec point 2.11)
- Describe how protein synthesis occurs (spec point 2.6) and compare it to DNA replication.
- Calculate BMI and use other indicators to determine if someone is at risk of CVD (spec point 1.16)
- Describe benefits and the use of treatments for CVD (spec point 1.18)
- Describe the structure of an amino acid and the formation of peptide bonds (spec point 2.9)
- Understand and describe the blood clotting cascade and interpret data about problems with the process (spec point 1.6)
- Understand patterns of inheritance and use Punnett squares to show monohybrid inheritance (spec point 2.13)
- Explain methods of screening embryo's (spec point 2.15)

#### Paper 2

- Describe and explain the double circulatory system in mammals (spec point 1.4)
- Calculate magnification
- Describe the structure of blood vessels and relate this to their function (spec point 1.3)
- Describe how to investigate the effect of a substance on the heart rate of Daphnia (Core practical 1)
- Describe how cystic fibrosis affects cell membranes and the consequences of this (spec point 2.14)



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Use your processes book and do look/cover/write/check to learn key processes.
2. Use your revision guide.
3. Make flash cards for key knowledge and definitions.
4. Use Seneca learning.
5. Crash course videos on topics

### **What useful websites/resources could I use to help me prepare?**

Seneca learning

[Free Homework & Revision for A Level, GCSE, KS3 & KS2 \(senecalearning.com\)](https://www.senecalearning.com)

Your revision guide – use the revision guide suggested to you by your teacher.



Subject	BTEC Applied Science (Biology)		
Title/Topic	Format	Length	WC
Paper 1 – Biology	Written Assessment	40 minutes	5 December

### In this Advent assessment I will be asked to show I can...

- Understand the ultrastructure and function of organelles in the following cells:

o eukaryotic cells (plant and animal cells) – plasma membrane, cytoplasm, nucleus, nucleolus, endoplasmic reticulum (smooth and rough), Golgi apparatus, vesicles, lysosomes, 80S ribosomes, mitochondria, centriole

o eukaryotic cells (plant-cell specific) – cell wall, chloroplasts, vacuole, tonoplast, amyloplasts, plasmodesmata, pits.

- Understand the similarities and differences between plant and animal cell structure and function.

#### B2 Cell specialisation

Understand cell specialisation in terms of structure and function, to include:

- white blood cells

#### B3 Tissue structure and function

- Understand the structure and function of endothelial tissue, as illustrated by blood vessels in the cardiovascular system, including the risk factors that damage endothelial cells and affect the **development of atherosclerosis**.

- Understand the structure and function of nervous tissue, to include:

o non-myelinated and myelinated neurones



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Use your notes
2. Make flash cards for key knowledge and definitions.
3. Use Seneca learning.
4. Use the revision PowerPoints

### **What useful websites/resources could I use to help me prepare?**

Seneca learning

[Free Homework & Revision for A Level, GCSE, KS3 & KS2 \(senecalearning.com\)](https://www.senecalearning.com/)

Your revision guide – use the revision guide suggested to you by your teacher.



Subject	BTEC Applied Science: Chemistry		
Title/Topic	Format	Length	WC
Chemistry	Written Assessment	40 minutes	6 December

**In this Advent assessment I will be asked to show I can...**

- Describe and explain the organisation of elements on the periodic table
- Explain trends in atomic and ionic radius
- Calculate percentage yield
- Determine the arrangement of electrons in atoms or ions of an element
- Identify the bonding in a compound and represent it using dot and cross diagrams
- Explain trends in reactivity for period 2 elements
- Describe the structure of metals and link it to its properties





### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Ensure you have reviewed material covered in lessons and attempted summary questions
2. Attempt exam questions
3. Use your revision guide / revision sheets
4. Make flash cards for key knowledge and definitions.

### **What useful websites/resources could I use to help me prepare?**

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

Your revision guide / sheets



Subject		BTEC Applied Science: Physics		
Title/Topic		Format	Length	WC
Physics		Written Assessment	40 minutes	5 December

**In this Advent assessment I will be asked to show I can...**

- Label transverse and longitudinal waves (wavelength and amplitude)
- Describe how transverse and longitudinal waves can be produced
- Analyse emission spectrum data
- Explain how diffraction gratings produce patterns of bright lines
- Describe transmission and reception of signals from mobile phones
- Calculate the intensity of a signal from a mobile phone using an inverse square law
- Understand the differences between WiFi and Bluetooth signals
- Applications of Bluetooth technology
- Calculation of critical angles for glass
- The advantages of cladding in optical fibres
- Waves formed on strings and in pipes when musical notes are produced



### What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Ensure you have reviewed material covered in lessons and attempted summary questions
2. Attempt exam questions
3. Use your revision guide / revision sheets
4. Make flash cards for key knowledge and definitions.
5. Use the websites given below.

### What useful websites/resources could I use to help me prepare?

Seneca learning:

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

Brainscape:

<https://www.brainscape.com/packs/btec-science-physics-unit-1-working-with-waves-8387177>

BTEC applied science physics help on YouTube:

[https://www.youtube.com/channel/UC11v-AL\\_4VFrVczVBzURmlg/playlists?view=50&shelf\\_id=5](https://www.youtube.com/channel/UC11v-AL_4VFrVczVBzURmlg/playlists?view=50&shelf_id=5)

Quizlet:

[https://www.youtube.com/channel/UC11v-AL\\_4VFrVczVBzURmlg/playlists?view=50&shelf\\_id=5](https://www.youtube.com/channel/UC11v-AL_4VFrVczVBzURmlg/playlists?view=50&shelf_id=5)

Your revision guide / sheets



Subject	Business Studies		
Title/Topic	Format	Length	WC
Paper 1 – What is business and managers, leadership and decision making	Exam Paper	1 hour	14 November

### My Advent assessment will test my knowledge on...

Multiple choice questions, plus a combination of short and long essays responses

#### Business maths

Percentage change: increase and decrease –  $\frac{\text{new-old}}{\text{old}} \times 100 = X\%$   
(Use 000, of thousands, 000,000 of millions)

#### Topic Covered: Unit 1 – What is business?

- Why businesses exist?
- Costs, revenue and profit
- Business growth – sole trader, Ltd, Plc
- Changing objectives based on business form
- Mission, vision, aims & objectives
- Measurements and importance of profit
- Different forms of business – sole traders, LTD's, PLC's, non-for-profit, market capitalisation, dividends, ordinary share capital
- Influences on objectives
- External operating environment – PESTLE, competitors

#### Topic Covered: Unit 2 – Managers, leadership & decision making (partial)

- What managers do – managers roles and responsibilities
- Decision making – using data to support decision, intuitive decision making,



### What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Use the booklets from lessons and exercise books to consolidate notes and create revision cards and mind maps to connect key topics and ideas
2. Use the Revision Guides loaned to you to help for revision
3. Create or buy flash cards to test yourself with friends & family
4. Use previous paper questions, topic test and PPE questions, mark schemes and examiner reports to develop answers
5. Use the AQA A-level Business Revision guide and textbook chapter reading
6. Use Past Papers to develop exam question exposure & complete past paper questions from the Home Learning Resource Centre
7. Revision apps such as Quizlet, Padlet, Popplet Lite for mind maps
8. AQA A-level Business Textbook - Marcouse reading, complete activities and test questions

### What useful websites/resources could I use to help me prepare?

Online study notes to support core topics in A-Level Business are available and you may wish to bookmark these for future revision.

#### **Tutor2U – A-level Business**

<https://www.tutor2u.net/business/collections/aga-a-level-business-study-resources-what-is-business>

<https://www.tutor2u.net/business/collections/worked-answers-aga-a-level-business-exam-papers>

<https://www.tutor2u.net/business/reference/study-notes>

#### **Taking The Biz**

Learn techniques for taking your A-level Business exam with topic revision, exam responses techniques and answers

<https://www.youtube.com/channel/UCIIJ4pk3uzyWoeoBkGs0hxQ>

#### **Padlet Resources**

Here are some examples of resources available on Padlet:

<https://padlet.com/cpcooke/smaalevelbus>

[https://padlet.com/davey\\_raq/jkl6cjo9tcno](https://padlet.com/davey_raq/jkl6cjo9tcno)

<https://padlet.com/lucienneevans1/t4226cpfq6fv>



Subject		Chemistry		
Title/Topic		Format	Length	WC
Paper 1 – Chemistry		Written Assessment	50 minutes	5 December
Paper 2 – Chemistry		Written Assessment	50 minutes	5 December

**In this Advent assessment I will be asked to show I can...****Paper 1**

- Identify isotopes and use abundance data to calculate relative atomic masses.
- Deduce the number of subatomic particles for given atoms and ions of an element.
- Construct balanced chemical equations and use state symbols
- Calculate amounts of substance in moles when provided with mass, volume or concentration data.
- Determine empirical formula and molecular formula when given composition by mass and percentage composition data
- Use oxidation numbers to identify species which have been oxidised or reduced
- Define oxidation and reduction in terms of loss or gain of electrons
- Describe how to carry out and be able to analyse the results of a titration
- Describe and explain the organisation of elements on the periodic table
- Explain trends in ionisation energy across a period and down a group

**Paper 2**

- Use the ideal gas equation to calculate quantities including volume, moles, pressure and temperature.
- Calculate the formula of a hydrated salt from experimental results
- Carry out reacting mass calculations.
- Comment on the sustainability of a reaction from atom economy and percentage yield data
- Determine the arrangement of electrons in atoms or ions of an element
- Predict bond angles and the shapes of simple molecules
- Identify the bonding in a compound and represent it using dot and cross diagrams
- Explain trends in reactivity for group 2 and 17 elements
- Explain the properties of matter including melting and boiling points and link these to structure and bonding
- Explain on the anomalous properties of water



### What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Ensure you have reviewed material covered in lessons and attempted summary questions
2. Attempt exam questions in the text book – answers available on student drive
3. Use your revision guide.
4. Make flash cards for key knowledge and definitions.

### What useful websites/resources could I use to help me prepare?

Seneca learning

[Free Homework & Revision for A Level, GCSE, KS3 & KS2 \(senecalearning.com\)](https://www.senecalearning.com/)

Your revision guide – use the revision guide suggested to you by your teacher.

e.g. OCR chemistry : [https://www.amazon.co.uk/OCR-Level-Chemistry-Revision-Guide/dp/0198351992/ref=sr\\_1\\_8?dchild=1&keywords=ocr+chemistry+a+revision+guide&qid=1634050174&sr=8-8](https://www.amazon.co.uk/OCR-Level-Chemistry-Revision-Guide/dp/0198351992/ref=sr_1_8?dchild=1&keywords=ocr+chemistry+a+revision+guide&qid=1634050174&sr=8-8)

CGP work book: [https://www.amazon.co.uk/New-Level-Chemistry-2018-Practice/dp/1782949224/ref=pd\\_bxgy\\_img\\_1/261-7161097-6731553?pd\\_rd\\_w=5ONYR&pf\\_rd\\_p=c7ea61ca-7168-47e3-9c8b-d84748f5b23c&pf\\_rd\\_r=8EQ3M3FC7D1EPWVZJ4XR&pd\\_rd\\_r=a4a78a4b-b279-4bd0-842e-9faff976a75a&pd\\_rd\\_wg=EBXSa&pd\\_rd\\_i=1782949224&psc=1](https://www.amazon.co.uk/New-Level-Chemistry-2018-Practice/dp/1782949224/ref=pd_bxgy_img_1/261-7161097-6731553?pd_rd_w=5ONYR&pf_rd_p=c7ea61ca-7168-47e3-9c8b-d84748f5b23c&pf_rd_r=8EQ3M3FC7D1EPWVZJ4XR&pd_rd_r=a4a78a4b-b279-4bd0-842e-9faff976a75a&pd_rd_wg=EBXSa&pd_rd_i=1782949224&psc=1)



<b>Subject</b>		<b>Computer Science</b>		
<b>Title/Topic</b>		<b>Format</b>	<b>Length</b>	<b>WC</b>
Part 1 – Computer Systems		Written Paper	45 minutes	21 November
Part 2 – Computational Thinking and Programming		Written Paper	45 minutes	21 November

### In this assessment the topics I will be assessed on are...

#### Part 1 – Computer Systems Theory

- Describe the main components of a CPU and their purpose
- Describe the stages of the FDE cycle, including how different registers are used at each stage
- Identify the main features of Von Neumann Architecture and Harvard Architecture
- Explain the differences between CISC and RISC architecture
- Explain how co-processors such as GPUs can improve
- Interpret and write assembly instructions using Little Man Computer
- Describe the relationship between CPU, Primary memory and secondary storage
- State the properties of the different types of primary memory (RAM and ROM)
- State the properties of the main types of secondary storage
- Describe the purpose of the operating system
- Explain the FIVE main features of an operating system
- Describe the memory management techniques used by the OS – paging, segmentation and virtual memory
- Describe the scheduling algorithms used to manage CPU time

#### Paper 2 – Problem Solving and Programming

- Combining these skills together to solve complex problems
- Creating variables to store different types of data
- Output messages to the user and read in responses (print/input)
- Using iteration such as FOR loops and WHILE loops
- Using selection (IF ELSE) to provide different pathways in a program
- Use of different operators – Mathematical, comparative and boolean
- Use of casting techniques such as str(), int() and float()
- Use of functions and procedures
- Use of lists/arrays for storing multiple pieces of data
- Writing data to a file





### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Re-watch any Cragndave videos for specific topics
2. Make notes about the key points highlighted in the video.
3. Complete the practice questions from the revision packs handed out in class.
4. Ask Mr Jackson for additional help and advice if you are struggling with any topics.

### **What useful websites/resources could I use to help me prepare?**

[www.youtube.com](https://www.youtube.com) (Search "craigndave gcse computer science")  
[www.isaaccomputerscience.org](https://www.isaaccomputerscience.org)



Subject	Level 3 Diploma – Criminology		
Title/Topic	Format	Length	WC
Unit 1 – Changing Awareness of Crime.	Written	1 hour	Fri 14 October WC 12 December

### My Advent assessment will test my knowledge on...

AC 1.1 is being tested as a practice run on Friday 14<sup>th</sup> Oct 2022.

AC 1.2 will be tested as part of your practice brief after half term.

Your Advent grade will be formed from these two pieces of work.

The actual controlled assessment is in Dec week commencing 12<sup>th</sup> Dec 2022 which is on unit 1 which is on changing awareness of crime. The first mandatory unit will enable the learner to demonstrate understanding of different types of crime, influences on perceptions of crime and why some crimes are unreported. This controlled assessment will be done at DLC under supervision of invigilators.



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Go over your notes for unit 1.
2. Ensure your notes have been completed for the units you will be tested on.
3. Refer to the class notes made in lessons.
4. Refer to the textbook pages given.
5. Use your work booklets to go over any content you are unsure off.
6. Are you notes update and been checked for you?
7. Use the textbook for any further guidance.

### **What useful websites/resources could I use to help me prepare?**

1. Go over your notes for unit 1.
2. Ensure your notes have been completed for the units you will be tested on.
3. Refer to the class notes made in lessons.
4. Refer to the textbook pages given.
5. Use your work booklets to go over any content you are unsure off.
6. Are you notes update and been checked for you?
7. Use the textbook for any further guidance.



Subject	Drama		
Title/Topic	Format	Length	WC
Paper 1 – C3	Written Paper	1 hour	28 November
Paper 2 – C1	Practical Performance	15 minutes	21 November

### My Advent assessment will test my knowledge on...

- The Trojan Women
- Stage Design
- All My Son's Live Theatre Review
- Theatre History and its impact on contemporary theatre



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Revise the context of The Trojan Women
2. Deepen understanding of the themes of The Trojan Women and explore how these can be communicated through design.
3. Develop a staging concept for The Trojan Women
4. Revise subject specific terminology
5. Re-visit theatre history, the key moments and their influence on contemporary theatre.
6. Explore re-interpretation in the theatre, it's purpose and impact.
7. Read through and develop your All My Son's live theatre notes
8. Explore the creative team's intention for All My Son's

### **What useful websites/resources could I use to help me prepare?**

Lesson Power points  
Key terminology glossary  
The Trojan Women Guide  
The Trojan Women Knowledge Organiser  
Theatre History Notes  
All My Son's analysis and evaluation  
All My Son's Production Pack



Subject	Economics			
Title/Topic		Format	Length	WC
Paper 1 – The Economic Problem		Exam Paper	1 hours	14 November

### My Advent assessment will test my knowledge on...

Multiple choice questions, plus a combination of short and long essays responses

#### Business maths

Percentage change: increase and decrease –  $\frac{\text{new}-\text{old}}{\text{old}} \times 100 = X\%$   
(Use 000, of thousands, 000,000 of millions)

#### Unit 3.1.1 Economic methodology & the economic problem

- Economic methodology – social science, positive & normative statements, value judgements on economic decision making
- Nature and purpose of economics – what to produce, how to produce, who benefits
- Economic resources – land, labour, capital & enterprise / scarce resources / scarcity – choice & allocation of resources / opportunity cost
- Production possibility diagrams – trade-offs, opportunity costs, resource allocation, economic growth

#### Unit 3.1.2 – Price determination in a competitive market

- Factors which cause shifts in demand & supply curve
- Price elasticity / Income / supply & Cross elasticity – calculations, normal & inferior goods, substitute & complementary goods
- Determinant of supply of goods & services – relationship between quantity of supply & price, determinant of shift in supply curve, implications of higher prices imply high profit
- Interaction of demand & supply determines the equilibrium price
- Equilibrium & disequilibrium – excess demand & excess supply leads to price changes
- Interrelationship between markets – market changes & their effect on other markets
- Joint demand, demand for substitutes, composite demand, derived demand & joint supply



### What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Use the notes from lessons and activities to consolidate notes
2. Create revision cards and mind maps to connect key topics and ideas
3. Create flash cards to test yourself with friends & family
4. Use previous paper questions, topic test questions, mark schemes and examiner reports to develop answers
5. AQA A-Level Economics Revision guide complete activities and test questions
6. Microeconomics Booklet reading & note taking
7. Use post-it notes for key terms and definitions
8. Copy, test, repeat
9. Revision apps such as Quizlet, Padlet, Popplet Lite for mind maps

### What useful websites/resources could I use to help me prepare?

Online study notes to support core topics in A-Level Economics are available and you may wish to bookmark these for future revision.

#### **Tutor2U – A-level Economics**

<https://www.tutor2u.net/economics/reference/understanding-business-revenues-5-importance-of-marginal-revenue>

<https://www.tutor2u.net/economics/reference/as-microeconomics-study-notes-topic-listing>

<https://www.tutor2u.net/economics/reference/behavioural-and-neo-classical-economics-essay-plan>

#### **Econ Plus Dal**

Learn techniques for taking your A-level Economics exam with topic revision, exam responses techniques and answers

<https://www.econplusdal.com/>

#### **Seneca**

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

#### **Padlet Resources**

Here are some examples of resources available on Padlet:

<https://padlet.com/jstigallmd/economics>

[https://padlet.com/ctsmiler/AS\\_Economics](https://padlet.com/ctsmiler/AS_Economics)

<https://padlet.com/ciansweeney/economicmaterials>



Subject	English Language and Literature		
Title/Topic	Format	Length	WC
Paper 1 – Poetry Anthology The Color Purple	Written Exam	2 hours	28 November

**In this Advent assessment I will be asked to show I can...**

- Demonstrate an understanding of plot and character
- Analyse the impact of language, form and structure
- Use terminology in a response
- Plan and organise and coherent and cohesive response
- Demonstrate an understanding of the context of poetry and the novel
- Compare the presentation of a theme across different texts





### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Re-read 'The Color Purple'
2. Re-read the poems studied
3. Create character pages for the main characters
4. Practise writing SPOs
5. Look at past papers on the Eduqas website
6. Revise terminology using the A Level Language textbook
7. Revise and research context for the novel and the poems

### **What useful websites/resources could I use to help me prepare?**

Eduqas Website  
Color Purple  
Poems



Subject	English Literature		
Title/Topic	Format	Length	WC
King Lear	Essay- extract analysis	1hour	28 November
The Great Gatsby	Essay question	1hour	28 November

### My Advent assessment will test my knowledge on...

- Read with meaning and respond analytically to an extract from Act 1 of King Lear
- Know the themes, ideas and characters of *King Lear* in detail
- Apply tragic terminology to the text
- Analyse Shakespeare's use of language, form and structure in the extract
- Apply relevant context (of the story and wider historical detail)
- Use the 'Q at the centre' paragraph structure to write detailed paragraphs



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Revise lesson notes
2. Use Massolit
3. Read the Arden Introduction and review notes made in lesson
4. Revise tragic features and apply them to Act 1 of the play
5. Know the order of events in Act 1
6. Create/ use your Cornell notes for each scene
7. Use Digital Theatre Plus to watch a version of the play

### **What useful websites/resources could I use to help me prepare?**

- Digital Theatre Plus
- Massolit
- Arden text introduction
- Cornell notes made in class/homework
- Flashcards of key quotes/events



Subject	Art and Design: Fine Art		
Title/Topic	Format	Length	WC
Art assessment	Portfolio of practical work	Ongoing	Throughout Advent term

### My Advent assessment will test my knowledge on...

The Advent term of year 12 is the skill building period of the A-Level course. As such you have already carried out work in varied media, techniques and subject matter. This will continue throughout the second part of the Advent term, including during the assessment window. You will not sit an exam in this period, instead you will continue working to each fortnightly brief set and will ultimately present the term's work as a portfolio for assessment to be handed in on the deadline of 9<sup>th</sup> December.

We will be looking for evidence of the following assessment objectives being met:

- Develop ideas through sustained and focused investigations informed by contextual and other sources, demonstrating analytical and critical understanding.
- Explore and select appropriate resources media, materials, techniques and processes, reviewing and refining ideas as work develops.
- Record ideas, observations and insights relevant to intentions, reflecting critically on work and progress.
- Present a personal and meaningful response that realises intentions and, where appropriate, makes connections between visual and other elements.



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. As this is an ongoing assessment, you should continue to work hard and use lesson time productively.
2. Use homework and study period time effectively to make continued progress with your portfolio of work.
3. Listen carefully to advice and act on any feedback that you are given.
4. Revisit work created during this term to ensure everything is complete to the best of your ability.

### **What useful websites/resources could I use to help me prepare?**

<https://www.studentartguide.com/>



Subject		French	
Title/Topic	Format	Length	WC
Paper 1 – Listening, reading and writing	Multiple choice answers, written answers, summary, translation into English, translation into French	1 hour 45 minutes	28 November
Paper 2 – Writing	L'auberge espagnole essay	1 hour	28 November

### My Advent assessment will test my knowledge on...

#### Paper 1

- Showing my understanding of the vocabulary for sub theme 1 (La famille en voie de changement) through listening and reading exercises.
- Summarising the key points of a text/recording.
- Translating vocabulary accurately from French to English.
- Translating vocabulary accurately from English to French.

#### Paper 2

- Showing my understanding of the film l'auberge espagnole.
- Analysing key characters/themes/techniques.
- Evidencing my points using key scenes from the film.
- Including complex sentence structures in my essay.



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

#### Paper 1

1. Revise the passive vocabulary lists for sub-theme 1.
2. Revise the active vocabulary lists for sub-theme 1.
3. Complete any outstanding exercises in the AQA text book for sub-theme 1.
4. Complete the interactive exercises for unit 1 on Kerboodle.
5. Look back over the PowerPoints completed in lessons to recap key structures and grammar points.

#### Paper 2

1. Revise the texts studied in the l'auberge espagnole work booklet.
2. Complete any outstanding exercises.
3. Revise the paragraphs I have written.
4. Watch the film.
5. Look back the essay writing resources.
6. Revise the phrases from the active vocabulary lists.

### **What useful websites/resources could I use to help me prepare?**

- Quizlet
- Kerboodle
- A-level text book



Subject	Further Mathematics		
Title/Topic	Format	Length	WC
Paper 1	Written Assessment	45 minutes	21 November

**My Advent assessment will test my knowledge on...**

- Introduction to matrices
- Arithmetic with matrices
- Transformations of matrices
- Invariant points and lines
- Introduction to complex numbers
- Arithmetic with complex numbers
- Representing complex numbers geometrically
- Factor theorem & division of polynomials
- roots of polynomials - addition and product of roots
- solving polynomial equations with complex roots.
- Sequences and series and using standard results.





### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Review the work you have completed in class this term. Work through the practice questions you have been provided after each lesson again so that you have a deep understanding of all the topics covered.
2. Complete and revisit the integral assessments for the first two units covered this year.
3. Complete questions from your text book.
4. Complete the revision booklet provided to you by your class teacher.

### **What useful websites/resources could I use to help me prepare?**

[www.integralmaths.org](http://www.integralmaths.org)

Course Text Book



Subject		Geography		
Title/Topic		Format	Length	WC
Paper 1 – Tectonic Hazards		Maths, 3- 8 marker, 12 marker	45 mins	14 November
Paper 2 – Globalisation		Maths, 3- 8 marker, 12 marker	45 mins	14 November

### My Advent assessment will test my knowledge on...

#### Tectonic Hazards

- Maths- mean, median and mode
- How developed and developing countries differ when it comes to social and economic impacts
- Physical processes at convergent boundaries
- Social and economic impacts of one named tectonic event

#### Globalisation

- Define globalisation
- The reasons for outsourcing
- Factors that accelerate globalisation
- The negative impacts of globalisation
- Social and environmental challenges of megacity growth



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Review notes. Create summary paragraph around key points in the revision lists
2. Read through chapters of the Hodder relating to each revision point
3. Physics and maths tutor website
4. Revision guide

### **What useful websites/resources could I use to help me prepare?**

<https://www.physicsandmathstutor.com/geography-revision/a-level-edexcel/>



Subject	Health & Social Care		
Title/Topic	Format	Length	WC
Paper 1 – Paper 1 – Unit 1; Human lifespan development	Written paper	45 minutes	21 November

### My Advent assessment will test my knowledge on...

- Identify development across all life stages
- Demonstrate understanding of growth and development throughout an individual's lifespan
- Gross and fine motor skills
- Piaget's model and schemas



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Use exercise books to revise key information
2. Use knowledge organisers to revise key information for Learning Aim A.
3. Red pen work in exercise books
4. Textbook/revision guide

### **What useful websites/resources could I use to help me prepare?**

Textbook  
Knowledge organisers



Subject	History		
Title/Topic	Format	Length	WC
Paper 1 – Germany	Essay	45 minutes	14 November
Paper 2 – Civil War	Essay	45 minutes	14 November

### In this Advent assessment I will be asked to show I can...

Be able to answer an essay on the breakdown in relations between Charles I and Parliament 1625-29 including the following issues:

- The legacy of James I: religious issues and divisions; relations between Crown and Parliament; relations with foreign powers
- Monarchy and Divine Right: the character and aims of Charles I; the Queen and the court;  
the King's advisers; ideas of royal authority
- Challenges to the arbitrary government of Charles I: reactions against financial policies; conflict over Church; reactions against foreign policy and the role of Buckingham
- Parliamentary radicalism; personalities and policies of parliamentary opposition to the King;  
the Petition of Right; the dissolution of Parliament and the King's commitment to Personal Rule

Be able to answer an essay question on changes in Germany between 1870-1914 including the following issues:

- Political authority: the extent and make-up of the German Empire in 1871; the 1871 constitution; the role of Emperor and Chancellor; political groupings and parties and their ideologies
- Government and opposition: Kaiser Wilhelm I and government under Bismarck; their personalities and policies; the role of the Reichstag; the struggle between autocracy and democracy; the development of parties and political opposition
- Government and opposition: Kaiser Wilhelm II and his chancellors; personalities and policies;  
the place of the Reichstag; the struggle between autocracy and democracy; the development  
of parties and political opposition
- Economic developments: industrial expansion; old and new industries; trade and wealth
- Social developments: the class hierarchy; elitism and the culture of militarism; the condition  
of the working people
- The political, economic and social condition of Germany by 1914



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Read the articles in the wider reading booklet.
2. Ensure that you can answer all the questions at the end of each chapter in your textbook.
3. Learn all the questions in your knowledge organiser on the topics covered so far.
4. Read over notes from each lesson and consolidate learning by writing summary paragraphs.

### **What useful websites/resources could I use to help me prepare?**

Wider Reading booklets.

Wider reading books, either Smith, Ackroyd or Coward for Britain. Carr for Germany.  
The AQA textbooks you have been issued.



Subject	Mathematics		
Title/Topic	Format	Length	WC
Paper 1	Written Assessment	45 minutes	14 November
Paper 2	Written Assessment	45 minutes	14 November

### My Advent assessment will test my knowledge on...

#### Unit 1 – Algebra & Functions

- Essential manipulations of algebra
- Using the laws of indices
- manipulating surds
- Solving quadratics equations and work with quadratic graphs
- Solving simultaneous equations
- Solving linear and quadratic inequalities including using graphs
- Using graphs of functions and sketching simple transformations of graphs.

#### Unit 2 – Coordinate Geometry

- Solve problems with coordinate geometry in the  $(x, y)$  plane by understanding the equation of a straight line
- Parallel and perpendicular lines
- Find lengths and areas using equations of straight lines
- Find the midpoint of a line segment
- Understand and use the equation of a circle and be able to use the properties of chords and tangents.





### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Review the work you have completed in class this term. Work through the practice questions you have been provided after each lesson again so that you have a deep understanding of all the topics covered.
2. Complete and revisit the integral assessments for the first two units covered this year.
3. Complete questions from your text book.
4. Complete the revision booklet provided to you by your class teacher.

### **What useful websites/resources could I use to help me prepare?**

[www.integralmaths.org](http://www.integralmaths.org)



Subject	Media Studies		
Title/Topic	Format	Length	WC
Paper 1 - Part 1	Written Paper	45 minutes	28 November
Paper 1 - Part 2	Written Paper	45 minutes	28 November

### My Advent assessment will test my knowledge on...

The assessment is a modified past-paper, containing the media theory topics that have been covered so far this year.

The paper is split into two parts so that it can be done in lesson, but the content is the same for both. You need to revise the following topics ahead of the test. Be prepared to answer some short-form questions, and two long-form questions.

#### Media Products

- Newspapers and Magazines
- Films and TV
- Interactive – Games, apps and website
- Audio – Radio and Podcasts
- Advertising

#### Media Language

- Purpose
- Audience
- Representation



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Complete the revision preparation tasks handed out in class.
2. Review classwork booklet, looking back at each of the product types.

### **What useful websites/resources could I use to help me prepare?**

- 1) Lesson files and resources shared on the OneDrive > BTEC Media
- 2) Revision preparation tasks given for homework – See Mr Thomas



Subject		GCSE PE	
Title/Topic	Format	Length	WC
Section A	One x 35 mark paper (multiple-choice, short answer and longer answer questions)	45 minutes	21 November
Section B	One x 35 mark paper (multiple-choice, short answer and longer answer questions)	45 minutes	21 November
Section C	One x 35 mark paper (multiple-choice, short answer and longer answer questions)	45 minutes	21 November

### My Advent assessment will test my knowledge on...

#### Section A

- Cardiovascular system
- Respiratory system
- Neuromuscular system

#### Section B

- Skill
- Skill classifications
- Transfer of skill
- Methods of training
- Types of training
- Stages of Learning.

#### Section C

- Urbanisation
- society during pre-industrial Britain
- British Empire
- Church's influence on sport
- Middle class emergence
- Two tier class system
- Popular and rational recreation characteristics
- Impact of the industrial revolution on society and sport



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Use your notes for each section (use your booklets for each section)
2. Use exam questions and mark schemes to familiarise yourself with terminology
3. Use the textbook from Dynamic Learning

### **What useful websites/resources could I use to help me prepare?**

- Dynamic Learning book
- Dynamic Learning tasks on the student drive



Subject	Physics		
Title/Topic	Format	Length	WC
Paper 1 – Physics	Multiple Choice Questions	45 minutes	28 November
Paper 2 – Physics	Written Paper	45 minutes	28 November

**In this Advent assessment I will be asked to show I can...**

Demonstrate knowledge from the following topics.

- Higher faster stronger
- Sound of music
- Technology in space

A list of the specification statements for each of the topics is listed at the back of these sections in the text book.



### What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Use your textbook and do look/cover/write/check to learn key knowledge.
2. Use your revision guide.
3. Make flash cards for key knowledge and definitions.
4. Use the websites given below

### What useful websites/resources could I use to help me prepare?

Specification:

<https://qualifications.pearson.com/content/dam/pdf/A%20Level/Physics/2015/Specification%20and%20sample%20assessments/PearsonEdexcel-AS-Physics-Spec.pdf>

Seneca learning

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

A level physics online:

<https://www.alevelphysicsonline.com/edexcel>

Isaac physics:

<https://isaacphysics.org/>

YouTube:

[https://www.youtube.com/results?search\\_query=edexcel+a+level+physics](https://www.youtube.com/results?search_query=edexcel+a+level+physics)

Flipped around physics:

<https://www.flippedaroundphysics.com/a-level.html>

Physics and Maths tutor:

<https://www.physicsandmathstutor.com/physics-revision/a-level-edexcel/>

Revisely:

<https://www.revisely.co.uk/alevel/physics/edexcel/>

Physicsnet:

<http://physicsnet.co.uk/a-level-physics-as-a2/>

Your revision guide – use the revision guide suggested to you by your teacher.



Subject		Politics		
Title/Topic		Format	Length	WC
Paper 1 – Electoral systems		Essay	45 minutes	14 November
Paper 2 – Liberalism		Essay	45 minutes	14 November

### In this Advent assessment I will be asked to show I can...

Be able to answer an evaluative essay on electoral systems

You need to be able to evaluate the strengths and weaknesses of various electoral systems used in the UK including:

First past the Post  
 Closed Party List  
 Single Transferable Vote  
 AV+

Be able to answer an evaluative essay on liberalism.

You need to be able to understand and discuss the following:

Liberal view of Human Nature, State, economy and society.

The difference between classic and modern liberalism.

Include the idea of key thinkers John Locke, John Rawls, John Stuart Mill, Mary Wollstonecraft, Betty Friedan.





### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Read the articles shared on teams.
2. Ensure that you can answer all the questions at the end of each chapter in your textbook and booklets.
3. Read over notes from each lesson and consolidate learning by writing summary paragraphs.

### **What useful websites/resources could I use to help me prepare?**

Tutor 2u

Ideologies textbook.

Wider reading booklets



Subject	Psychology		
Title/Topic	Format	Length	WC
Paper 1 – Research Methods	Written	1 hour	28 November
Paper 2 – Approaches & Social Influence	Written	1 hour	28 November

### My Advent assessment will test my knowledge on...

#### Paper 1

Research methods –

- o Experimental method. Types of experiment, laboratory and field experiments; natural and quasi-experiments.
- o Observational techniques. Types of observation: naturalistic and controlled observation; covert and overt observation; participant and non-participant observation.
- o Self-report techniques. Questionnaires; interviews, structured and unstructured.
- o Correlations. Analysis of the relationship between co-variables. The difference between correlations and experiments.
- o Content analysis.
- o Case studies.
- o Aims: stating aims, the difference between aims and hypotheses.
- o Hypotheses: directional and non-directional.
- o Sampling: the difference between population and sample; sampling techniques including: random, systematic, stratified, opportunity and volunteer; implications of sampling techniques, including bias and generalisation.
- o Pilot studies and the aims of piloting.
- o Experimental designs: repeated measures, independent groups, matched pairs.
- o Observational design: behavioural categories; event sampling; time sampling.
- o Questionnaire construction, including use of open and closed questions; design of interviews.
- o Variables: manipulation and control of variables, including independent, dependent, extraneous, confounding; operationalisation of variables.
- o Control: random allocation and counterbalancing, randomisation and standardisation.
- o Demand characteristics and investigator effects.
- o Ethics, including the role of the British Psychological Society's code of ethics; ethical issues in the design and conduct of psychological studies; dealing with ethical issues in research.
- o The role of peer review in the scientific process.
- o The implications of psychological research for the economy.



- o Reliability across all methods of investigation. Ways of assessing reliability: test-retest and inter-observer; improving reliability.
- o Types of validity across all methods of investigation: face validity, concurrent validity, ecological validity and temporal validity. Assessment of validity. Improving validity.
- o Features of science: objectivity and the empirical method; replicability and falsifiability; theory construction and hypothesis testing; paradigms and paradigm shifts.
- o Reporting psychological investigations. Sections of a scientific report: abstract, introduction, method, results, discussion and referencing.
- o Quantitative and qualitative data; the distinction between qualitative and quantitative data collection techniques.
- o Primary and secondary data, including meta-analysis.
- o Descriptive statistics: measures of central tendency – mean, median, mode; calculation of mean, median and mode; measures of dispersion; range and standard deviation; calculation of range; calculation of percentages; positive, negative and zero correlations.
- o Presentation and display of quantitative data: graphs, tables, scatter grams, bar charts, histograms.
- o Distributions: normal and skewed distributions; characteristics of normal and skewed distributions.
- o Analysis and interpretation of correlation, including correlation coefficients.

### **Paper 2**

#### **Social influence**

- o Types of conformity: internalisation, identification and compliance. Explanations for conformity: informational social influence and normative social influence, and variables affecting conformity including group size, unanimity and task difficulty as investigated by Asch.
- o Conformity to social roles as investigated by Zimbardo.
- o Explanations for obedience: agentic state and legitimacy of authority, and situational
- o variables affecting obedience including proximity and location, as investigated by Milgram,
- o and uniform. Dispositional explanation for obedience: The Authoritarian Personality.
- o Explanations of resistance to social influence, including social support and locus of control.
- o Minority influence including reference to consistency, commitment and flexibility.
- o The role of social influence processes in social change.

#### **Approaches in Psychology**



- Learning approaches: i) the behaviourist approach, including classical conditioning and
- Pavlov's research, operant conditioning, types of reinforcement and Skinner's research; ii)
- social learning theory including imitation, identification, modelling, vicarious reinforcement,
- the role of mediational processes and Bandura's research.
- The cognitive approach: the study of internal mental processes, the role of schema, the use of theoretical and computer models to explain and make inferences about mental processes.
- The emergence of cognitive neuroscience.
- The biological approach: the influence of genes, biological structures and neurochemistry on behaviour. Genotype and phenotype, genetic basis of behaviour, evolution and behaviour.

### What should I do to revise and prepare for this assessment?

To prepare for this assessment:

Research methods:-

Students should demonstrate knowledge and understanding of the following research methods, scientific processes and techniques of data handling and analysis, be familiar with their use and be aware of their strengths and limitations.

### What useful websites/resources could I use to help me prepare?

1. Please refer to your revision guide
2. Work booklets
3. Class notes
4. Tutor2u – psychology website
5. <https://www.youtube.com/c/PsychBoost/videos>



Subject		Religious Education		
Title/Topic		Format	Length	WC
Paper 1 – Christianity		1. 20 short questions 2. 1 complete (a and b section) essay	20 minutes 1 hour	5 December
Paper 2 – Religious Ethics		1. 20 short questions 2. 1 complete (a and b section) essay	20 minutes 1 hour	5 December
Paper 3 – Philosophy of Religion		1. 20 short questions 2. 1 complete (a and b section) essay	20 minutes 1 hour	5 December

### My Advent assessment will test my knowledge on...

#### Christianity:

##### A. Jesus – his birth:

Consistency and credibility of the birth narratives (Matthew 1:18-2:23; Luke 1:26-2:40); harmonisation and redaction; interpretation and application of the birth narratives to the doctrine of the incarnation (substantial presence and the kenotic model).

##### B. Jesus – his resurrection:

The views of Rudolf Bultmann and N.T. Wright on the relation of the resurrection event to history; interpretation and application to the understanding of death, the soul, resurrected body and the afterlife, with reference to Matthew 10:28; John 20-21; 1 Corinthians 15; Philippians 1:21-24.

##### C. The Bible as a source of wisdom and authority in daily life:

The ways in which the Bible is considered authoritative: as a source of moral advice (Ecclesiastes 12:13-14; Luke 6:36-37); as a guide to living (Psalm 119:9-16; Psalm 119:105-112); as teaching on the meaning and purpose of life (Genesis 1:26-28; Ecclesiastes 9:5-9) and as a source of comfort and encouragement (Psalm 46:1-3; Matthew 6:25).

Issues for analysis and evaluation will be drawn from any aspect of the content above, such as:

- The extent to which the birth narratives provide insight into the doctrine of the incarnation.
- The relative importance of redaction criticism for understanding the biblical birth narratives.
- The nature of the resurrected body.
- The historical reliability of the resurrection.
- The relative value of the Bible as teaching on the meaning and purpose of life.
- The extent to which the Psalms studied offer a guide to living for Christians.

#### Religious Ethics

##### A. Divine Command Theory:



God as the origin and regulator of morality; right or wrong as objective truths based on God's will/command, moral goodness is achieved by complying with divine command; divine command a requirement of God's omnipotence; divine command as an objective meta-physical foundation for morality.

Robert Adams' 'Modified Divine Command Theory' (divine command based on God's omnibenevolence).

Challenges: the Euthyphro dilemma (inspired by Plato); arbitrariness problem (divine command theory renders morality as purely arbitrary); pluralism objection (different religions claim different divine commands).

### B. Virtue Theory:

Ethical system based on defining the personal qualities that make a person moral; the focus on a person's character rather than their specific actions; Aristotle's moral virtues (based on the deficiency; the excess and the mean); Jesus' teachings on virtues (the Beatitudes).

Challenges: virtues are not a practical guide to moral behaviour; issue of cultural relativism (ideas on the good virtues are not universal); virtues can be used for immoral acts.

### C. Ethical Egoism:

Agent focused ethic based on self-interest as opposed to altruism; ethical theory that matches the moral agent's psychological state (psychological egoism); concentration on long term self-interests rather than short term interests; Max Stirner, is self-interest the root cause of every human action even if it appears altruistic?

Rejection of egoism for material gain; union of egoists.

Challenges: destruction of a community ethos; social injustices could occur as individuals put their own interests first; a form of bigotry (why is one moral agent more important than any other?).

Issues for analysis and evaluation will be drawn from any aspect of the content above, such as:

- Whether morality is what God commands.
- Whether being a good person is better than just doing good deeds.
- Whether Virtue Theory is useful when faced with a moral dilemma.
- The extent to which Ethical Egoism inevitably leads to moral evil.
- The extent to which all moral actions are motivated by self-interest.
- Whether one of Divine Command Theory, Virtue Theory or Ethical Egoism is superior to the other theories.

## **Philosophy of Religion**

### A. Inductive arguments – cosmological:

Inductive proofs; the concept of 'a posteriori'.

Cosmological argument: St Thomas Aquinas' first Three Ways - (motion or change; cause and effect; contingency and necessity).



The Kalam cosmological argument with reference to William Lane Craig (rejection of actual infinities and concept of personal creator).

B. Inductive arguments – teleological:

St Thomas Aquinas' Fifth Way - concept of governance; archer and arrow analogy.

William Paley's watchmaker - analogy of complex design.

F. R. Tennant's anthropic and aesthetic arguments - the universe specifically designed for intelligent human life.

C. Challenges to inductive arguments:

David Hume - empirical objections and critique of causes (cosmological).

David Hume - problems with analogies; rejection of traditional theistic claims: designer not necessarily God of classical theism; apprentice god; plurality of gods; absent god (teleological).

Alternative scientific explanations including Big Bang theory and Charles Darwin's theory of evolution by natural selection.

Issues for analysis and evaluation will be drawn from any aspect of the content above, such as:

- Whether inductive arguments for God's existence are persuasive.
- The extent to which the Kalam cosmological argument is convincing.
- The effectiveness of the cosmological/teleological argument for God's existence.
- Whether cosmological/teleological arguments for God's existence are persuasive in the 21<sup>st</sup> century.
- The effectiveness of the challenges to the cosmological/teleological argument for God's existence.
- Whether scientific explanations are more persuasive than philosophical explanations for the universe's existence.

### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Review class notes and resources, checking your learning against specification points (above)
2. Use knowledge organisers to ensure that you have the essential facts available.
3. Take teacher-led opportunities to make sense of the assessment objectives and marking schemes.
4. Practice developing essential facts using evidence and analysis.

### **What useful websites/resources could I use to help me prepare?**

Knowledge organisers (given by your teachers and online)

Your text books.

Your exercise books.



Subject		Sociology	
Title/Topic	Format	Length	WC
Paper 1 – Education	Combination of short answer and essay style questions.	45 minutes	14 November
Paper 2 – Theory	Essay style questions.	45 minutes	21 November

### My Advent assessment will test my knowledge on...

#### Education

- Gender and Attainment- ensure you are aware of all the internal and external factors which impact on female attainment.
- Understand a range of factors which impact on male attainment.
- Understand how gender identity is shaped via the school system.
- Understand a range of factors which influence gender and subject choice.
- Understand how social class can influence attainment, both internal and external factors.

#### Theory

- Understand the different theoretical perspectives on the role of education





**What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Use your revision sheets to support with your revision

**What useful websites/resources could I use to help me prepare?**

Revision Sheet