



Year 12

AP2

22nd-26th June 2026

Topic Lists

S **O** **A** **R**

SERVICE **OPPORTUNITY** **ASPIRATION** **REWARD**

English Literature

Topic	Core knowledge	Revised
<p>Drama: <i>Othello</i></p> <p>Prose: <i>The Handmaid's Tale</i> and <i>Frankenstein</i></p>	<p><u>Drama: Othello (A Level – Edexcel)</u></p> <p>Core knowledge: Plot, key events, and characters (Othello, Iago, Desdemona, Emilia, Cassio), plus key themes (jealousy, love, race, gender, power) with key quotations.</p> <p>Context and interpretations: Renaissance attitudes to race, gender, marriage, and reputation; different critical views (e.g. tragedy, feminist readings, Iago's motives).</p> <p>Writers' methods: Language, structure, and dramatic techniques (soliloquy, dramatic irony), plus symbolism (e.g. the handkerchief).</p> <p><u>Prose: Frankenstein and The Handmaid's Tale (Alevel Edexcel)</u></p> <p>Core Knowledge: Plot, characters, (Victor Frankenstein, The Monster, Walton/Offred, Moira, The Commander, Serena Joy, Ofglen/Janine)</p> <p>Core Themes: Science and Society, Power & control, Women & patriarchy, Isolation, Identity, Responsibility, Science vs religion, Freedom vs oppression</p> <p>Writers' methods: Narrative voice, structure (fragmented/ framed narrative/ symbolism (nature, names, light/dark), language</p> <p>Context: Frankenstein- Science, Romanticism, patriarchy, the Enlightenment THT- Feminism, totalitarianism, religion</p> <p><u>Skills to Practise</u></p> <p>Strong analysis: Clear arguments using embedded quotations, detailed language analysis, and links to themes and interpretations. Comparison of</p> <p>Context and critical views: Integrate context and alternative interpretations into your argument. Comparisons between texts</p> <p>Technical control: Accurate terminology, structured paragraphs, and clear, precise expression. Comparative topic sentences, embedding quotes, 5-point essay plan, PRETZEL</p>	
<p>Revision Resources:</p>		
<ul style="list-style-type: none"> BBC Bitesize – <i>Othello</i> (clear summaries, themes, quotes) 		
<ul style="list-style-type: none"> SparkNotes / Shmoop – plot, analysis, key themes 		
<ul style="list-style-type: none"> The British Library – context and critical essays 		

Maths

Section	Topics	Revised
AS Pure	Indices and Surds Quadratics Equations and Inequalities Graphs and transformations Equation of a line Equation of a circle Algebraic proof, Algebraic division, Factor theorem Binomial expansion Trigonometry, Trigonometric equations and identities Differentiation, Stationary points, Optimisation (maximising and minimising) Integration, Area between curves Vectors Exponentials and logarithms	
AS Statistics	Sampling, The large dataset Mean, median (and interpolation), quartiles, variance and standard deviation, coding Outliers, boxplots, cumulative frequency, Histograms Correlation and regression Probability, tree diagrams, Venn diagrams, Mutually exclusive and independent events Probability distributions, binomial distribution Hypothesis tests	
AS Mechanics	Quantities and units, vectors Displacement-time and Velocity-time graphs SUVAT equations Vertical motion under gravity Force diagrams, forces as vectors, forces and acceleration Connected particles, pulleys Variable acceleration: functions of time, vectors, differentiation and integration	
A2 Pure	Proof by contradiction, algebraic fractions, partial fractions Arithmetic sequences and series, Geometric sequences and series, General series, Modelling Modulus function, graph transformations, Domain and range, Composite functions, Inverse functions	

Revision Resources:

Exam questions by chapter, Packs of past papers (Pure and Applied)

MathsGenie: videos and questions by topic

SaveMyExams: videos and chapter summaries

Physics and Maths Tutor: chapter summaries and questions

Biology

Topic	Sub-topic	Revised
Module 2 – Foundations in biology	<ul style="list-style-type: none"> • Chapter 2 Basic components of living systems • Chapter 3 Biological molecules • Chapter 4 Enzymes • Chapter 5 Plasma membrane • Chapter 6 Cell divisions 	
Module 3 – Exchange and transport	<ul style="list-style-type: none"> • Chapter 7 Exchange surfaces and breathing • Chapter 8 Transport in animals • Chapter 9 Transport in plants 	
Module 4 – Biodiversity, evolution and disease	<ul style="list-style-type: none"> • Chapter 10 Classification and evolution • Chapter 11 Biodiversity • Chapter 12 Communicable diseases 	
Revision Resources:		
Weekly uplearn (website) - set by class teacher and can set your own activities		
Past papers – weekly breadth and depth papers set by teachers – need to be marked and include the mark on the front. Hand in to your teacher on the set day		
Physicsandmathstutor/save my exams (website) - additional exam questions to consolidate key topic areas. Ask your teacher if you would like any printing.		
OCR A-level textbook – used to consolidate key topic areas.		

Chemistry

Topic	Sub topic	Revised
Module 2 – Foundations in Chemistry	<ul style="list-style-type: none"> • Chapter 2 Atoms, ions and compounds • Chapter 3 Amount of substance • Chapter 4 Acids and redox • Chapter 5 Electrons and bonding • Chapter 6 Shapes of molecules and intermolecular forces 	
Module 3 – Periodic table and energy	<ul style="list-style-type: none"> • Chapter 7 Periodicity • Chapter 8 Reactivity trends • Chapter 9 Enthalpy • Chapter 10 Reaction rates and equilibrium 	
Module 4 – Core organic chemistry	<ul style="list-style-type: none"> • Chapter 11 Basic concepts of organic chemistry • Chapter 12 Alkanes • Chapter 13 Alkenes • Chapter 14 Alcohols • Chapter 15 Haloalkanes • Chapter 16 Organic synthesis • Chapter 17 Spectroscopy 	
Revision Resources:		
Weekly uplearn (website) - set by class teacher and can set your own activities		
Past papers – weekly breadth and depth papers set by teachers – need to be marked and include mark on the front. Hand in to your teacher on the set day.		
Physicsandmathstutor/save my exams (website) - additional exam questions to consolidate key topic areas. Ask your teacher if you would like any printing.		
OCR A-level textbook – used to consolidate key topic areas.		

Philosophy and Ethics

Chapter	Core knowledge	Revised
Sources of Authority	All topics	
God	All topics	
Religious Experience	All topics	
Arguments for the Existence of God	All topics	
Normative Ethical Theories	All topics	
Conscience	All topics	
Religion and Migration	All topics	
Application of Ethical Theories	All topics	
Revision Resources:		
Consolidation Booklets (On Teams)		
Textbooks		
Revision Guides		

Government and Politics

Topic	Core knowledge	Revised
Democracy and Participation	<ul style="list-style-type: none"> • Features, advantages, and disadvantages of representative vs. direct democracy; • The influence of pressure groups, think tanks, and lobbyists; The development of rights-based culture in the UK 	
Political Parties	<ul style="list-style-type: none"> • The functions of parties and funding debates; the development and current policies of the Conservative, Labour, and Liberal Democrat parties; • The role of minor parties; • Factors affecting party success 	
Electoral Systems	<ul style="list-style-type: none"> • Mechanics and evaluation of FPTP, AMS, STV, and SV; Comparison of systems in different parts of the UK; • The impact and debates surrounding the use of referendums 	
Voting Behaviour and the Media	<ul style="list-style-type: none"> • Case studies of three key general elections (including 1997 and one post-1997); • Factors affecting outcomes (class, gender, age, ethnicity); • The impact of the media, including opinion polls and bias 	
Core Ideology: Conservatism	<ul style="list-style-type: none"> • Core principles: pragmatism, tradition, human imperfection, organic society, and paternalism; • Tensions between One Nation and the New Right; • Key thinkers (Hobbes, Burke, Oakeshott, Rand, Nozick) 	
Core Ideology: Conservatism	<ul style="list-style-type: none"> • Core principles: individualism, freedom, rationalism, and equality of opportunity; • The shift from classical to modern liberalism (enabling state); • Key thinkers (Locke, Wollstonecraft, Mill, Rawls, Friedan) 	
Core Ideology: Socialism	<ul style="list-style-type: none"> • Core principles: collectivism, common humanity, equality, and social class; • Differences between revolutionary socialism, social democracy, and the Third Way; key thinkers (Marx/Engels, Webb, Luxemburg, Crosland, Giddens) 	

Government and Politics

Topic	Core knowledge	Revised
The Constitution	<ul style="list-style-type: none"> Nature and sources of the UK constitution (uncodified, unentrenched, unitary); Parliamentary sovereignty and the Rule of Law; reforms since 1997 (devolution, Supreme Court); debates on further reform 	
Parliament	<ul style="list-style-type: none"> Structure and roles of the Commons and Lords; Comparative powers and the legislative process; Mechanisms for holding the Executive to account (Select Committees, PMQs, backbenchers) 	
Prime Minister and Executive	<ul style="list-style-type: none"> Structure of the Executive; Royal Prerogative and secondary legislative powers; Individual and collective ministerial responsibility; Factors affecting the power balance between the PM and Cabinet 	
Relations between Branches	<ul style="list-style-type: none"> The role and independence of the Supreme Court; Judicial Review (<i>ultra vires</i>); The impact of leaving the EU on sovereignty; The location of sovereignty in the UK system 	
Non-core: Feminism	<ul style="list-style-type: none"> Patriarchy, "the personal is political," sex vs. gender, and intersectionality; Types (liberal, socialist, radical, post-modern); Key thinkers (Gilman, de Beauvoir, Millett, Rowbotham, hooks) 	

History

Topic	Core knowledge	Revised
The Changing Political Environment (1917–80)	<ul style="list-style-type: none"> The rise and decline of Republicanism to 1933; <ul style="list-style-type: none"> The influence of Roosevelt; Changing presidential leadership styles (1945–72); <ul style="list-style-type: none"> The decline in confidence (1968–80) 	
Political Landscape Influences	<ul style="list-style-type: none"> Rugged individualism vs. New Deal ideas; The impact of Red Scares and anti-communism; The tension between 1960s liberalism/counter-culture and the conservative reaction 	
Impact of War on Politics	<ul style="list-style-type: none"> The return to 'normalcy' and isolationism (1917–41); <ul style="list-style-type: none"> The USA's emergence as a Cold War superpower; The specific domestic political impacts of the Korean and Vietnam Wars 	
The Quest for Civil Rights (1917–80)	<ul style="list-style-type: none"> Black American rights from 1917–55 (migration, New Deal, Truman) 1955–80 (Black Power, MLK's northern strategy, and civil rights legislation) 	
Minority Rights	<ul style="list-style-type: none"> Campaigns for Native American, Hispanic American, and Gay rights; their nature, achievements, and limits 	
Society and Culture in Change	<ul style="list-style-type: none"> Changing roles of women (Roaring Twenties to Women's Lib); The impact of immigration and government policy; <ul style="list-style-type: none"> The social influence of cinema, music, radio, and television 	
Quality of Life & Economics	<ul style="list-style-type: none"> Economic boom, bust (Great Depression), and recovery; post-war affluence (1941–69); challenges of the 1970s; and fluctuations in living standards 	
Leisure and Travel	<ul style="list-style-type: none"> The growth of spectator sports; The development of a car-owning culture; The impact of improved air travel 	
Historical Interpretation: Reagan	<ul style="list-style-type: none"> Evaluating the impact of the Reagan presidency (1981–89) on economic policy, the size of government, social change, and the revitalisation of US politics 	

History

Topic	Core knowledge	Revised
Military Organisation (Breadth)	<ul style="list-style-type: none"> Improvements to army/navy organisation (McNeill-Tulloch, Cardwell, Haldane, Graham, and Fisher reforms); and the shift from recruitment of volunteers to conscription (1916) 	
Weaponry & The People (Breadth)	<ul style="list-style-type: none"> Technological advances (carronades, rockets, Armstrong artillery, Vickers gun, tanks); The role of the populace (war finance and the home front) 	
The French Wars (1793–1815)	<ul style="list-style-type: none"> Wellington's land campaigns and Nelson's naval role; The long-term impact of the conflict on the British economy and agriculture 	
The Crimean War (1854–56)	<ul style="list-style-type: none"> Key battles (Alma, Balaclava, Sebastopol); Raglan's leadership; medical care (Nightingale/Seacole); The impact of Fenton's photography and Russell's reportage 	
The Second Boer War (1899–1902)	<ul style="list-style-type: none"> The nature of the British army; the sieges of Mafeking, Kimberley, and Ladysmith; the roles of Roberts, Kitchener, and Buller; Churchill's reportage 	
Trench Warfare (1914–18)	<ul style="list-style-type: none"> The shift from movement to attrition; defensive systems; new technology (gas, tanks, creeping barrage); Public perception of the Western Front 	
Major Offensives (1914–18)	<ul style="list-style-type: none"> The significance of Haig's major campaigns: the Somme (1916), Passchendaele (1917), and the Hundred Days' Offensive (1918) 	
War in the Air (1914–18)	<ul style="list-style-type: none"> Aerial reconnaissance; the development of the Royal Flying Corps; and the psychological impact of Zeppelin/Gotha bombing on British towns 	

Art

Component one

You will be completing an interim outcome for your personal project. You should aim to develop your project as much as you can leading up to the assessment.

It will be a full day consisting of five hours so try and challenge yourself to enlarge or complete a series.

Prep List:

Plan your outcome including:

- Complete and develop as much of your personal projects as possible
- Annotated thumbnail sketches for piece
- Material and colour trials
- Annotated final plan

Media

Topic	Core knowledge	Revised
Music Video	<p>Beyoncé - Formation</p> <ul style="list-style-type: none"> • Media Language • Representation • Contexts (Political, Historical, Economic, Cultural, Social) <p>Sam Fender – Seventeen Going Under</p> <ul style="list-style-type: none"> • Media Language • Representation • Contexts (Political, Historical, Economic, Cultural, Social) 	
Advertising & Marketing	<p>Tide</p> <ul style="list-style-type: none"> • Media Language • Representation • Audience • Contexts (Historical, Cultural, Social) <p>Super.Human</p> <ul style="list-style-type: none"> • Media Language • Audience & Industry • Contexts (Cultural, Social) <p>Kiss of The Vampire</p> <ul style="list-style-type: none"> • Media Language • Representation • Contexts (Historical Cultural, Social) 	
<u>Newspapers</u>	<p>Daily Mirror - February 01, 2022. Front page and article on ‘Partygate’ and The Times - February 01, 2022. Front page</p> <ul style="list-style-type: none"> •Media Language •Representation •Industry •Audience •Contexts (Historical Cultural, Social) 	
<u>Media Industries and Audiences</u> <ul style="list-style-type: none"> • Media Industries • Audiences • Media contexts • Regulation 	<p>Radio: Woman’s Hour</p> <p>Film: Black Panther & I, Daniel Blake</p> <p>Video Games: Assassins Creed</p>	

Economics

Topic	Core knowledge	Revised
1.4 Government intervention	<p>Explain the benefits and limitations of</p> <ul style="list-style-type: none"> indirect taxation (ad valorem and specific) subsidies maximum and minimum prices trade pollution permits state provision of public goods provision of information regulation <p>Be able to explain reasons why there is government failure as intervention that results in a net welfare loss</p>	
1.3 Market failure	<p>Be able to explain</p> <p>Types of market failure (i.e. externalities or under-provision of public goods or information gap)</p> <p>Externalities</p> <p>Explain and use effectively the following diagrams</p> <ul style="list-style-type: none"> external benefits of consumption external costs of production 	
1.2 How markets work	<ul style="list-style-type: none"> Demand and supply diagrams and adapt depending on the types of elasticity Elasticity (PED, YED, XED, PES) Changes in producer and consumer surplus Alternative views of consumer behaviour: rational Vs irrational behaviour 	
2.6 Macroeconomic objectives and policies	<p>Objectives of, instruments of, benefits and limitations of</p> <p>Demand Side Policy (Monetary policy & Fiscal policy)</p> <p>Supply side policy</p>	
2.5 Economic growth 2.4 National income	<p>National income and injections and withdrawals</p> <p>The multiplier : how to calculate and draw using AD and SRAS</p> <p>Causes of growth and the impact of growth</p>	
2.3 Aggregate supply (AS) 2.2 Aggregate demand (AD) 2.1 Measures of economic performance		
Revision Resources:		
Tutor2u.com. Econplusdal, Physicsand Maths Tutor (PMT), Economics help, Uplearn		

Sociology

Topic	Core knowledge	Revised
Education	<ul style="list-style-type: none"> - Perspectives on the role of education - Class differences in attainment - Ethnic differences in attainment - Gender differences in attainment and subject choice - Marketisation, privatisation and globalisation in education 	
Families and Households	<ul style="list-style-type: none"> - Perspectives in the role of the family - Changes to the family and diversity - Gender roles in the family - Childhood - Demography 	
Research Methods	<ul style="list-style-type: none"> - Quantitative and qualitative methods - Primary and secondary methods - Sampling techniques - Practical, ethical and theoretical considerations - Application to educational contexts 	
Revision Resources:		
Families consolidation booklet		
Education consolidation booklet		
Tutor2u		

Psychology

Topic	Core knowledge	Revised
Memory	<ul style="list-style-type: none"> - Coding/ capacity/ duration of STM - Models of memory (MSM and WMM) - Explanations of forgetting (Interference and anxiety) - Factors affecting eye-witness testimony (Misleading information, post-event discussion, anxiety) - Cognitive Interviews 	
Clinical Psychology and Mental Health	Definitions in the field of mental health Characteristics of OCD, Phobias and Depression Explanations and treatments: <ul style="list-style-type: none"> - Phobias - OCD - Depression 	
Attachment	<ul style="list-style-type: none"> - Animal studies - Explanations of attachment (Learning theory, monotropic theory) - The Strange Situation and variation studies - Maternal Deprivation Hypothesis - Institutionalisation - Influence of early attachment on later life 	
Social Influence	<ul style="list-style-type: none"> - Conformity: Types and explanations - Conformity: Asch's study and variation studies - Obedience: Milgram's study and variation studies - Obedience: Social Psychological explanations - Obedience: Dispositional explanations - Resistance to social influence - Minority influence 	
Approaches	<ul style="list-style-type: none"> - Behaviourist - Social Learning Theory - Cognitive - Biological - Psychodynamic - Humanistic - Comparison of approaches 	
Research Methods	<ul style="list-style-type: none"> • Experiments – types and designs • Aims, hypotheses and variables • Control – random allocation, counterbalancing etc. • Sampling • Ethics • Descriptive statistics – measures of central tendency and dispersion • Observational techniques 	

Revision Resources:

Exam practice question booklets for Paper 1 topics
 Online exam practice questions for Paper 2 topics
 Revision booklet for Paper 1 (the brain booklet)