



Year 10 Pre-RPA

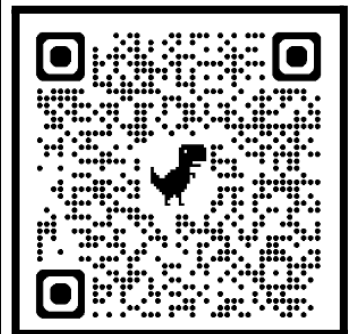
Topic Lists

Autumn 2026/27

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English Literature

Topics	Resources	Keywords
Macbeth Knowledge	https://revisit.work/Macbeth-Knowledge	Ambition Equivocation Tragedy Fate vs. Free Will Guilt Blood Supernatural Thane Macbeth's Soliloquies Dramatic Irony
Macbeth Plot Summary	https://revisit.work/Macbeth-plot-summary https://revisit.work/Macbeth-plot-quiz	
Macbeth Bitesize revision	https://revisit.work/Macbeth-Bitesize	
Macbeth Characters	https://revisit.work/Macbeth-characters	
Macbeth Themes	https://revisit.work/Macbeth-themes	
Macbeth Quotations	https://revisit.work/Macbeth-quotations	
Macbeth Revision	https://revisit.work/Macbeth-revision	

Maths

Maths Paper 1 (F)		Maths Paper 1 (H)	
Finding fractions of amounts without a calculator	U881	Using a written method to divide with decimals	U868
Converting between fractions, decimals and percentages	U888	Mutually exclusive events, Expected results from repeated experiments	U683, U166
Calculating with roots and powers	U851	Expected results from repeated experiments	U166
Finding the lowest common multiple	U751	Adding and subtracting mixed numbers	U793
Probabilities of mutually exclusive events	U683	Dividing with mixed numbers	U538
Drawing and interpreting scale diagrams	U257	Angles on parallel lines, Angles in triangles	U826, U628
Writing probabilities as fractions	U408	Estimating calculations, Calculating with speed	U225, U151
Adding and subtracting decimals, Using a written method to divide with decimals	U478, U868	Estimating calculations	U225
Identifying parts of circles	U767	Angles in polygons, Constructing and solving quadratic equations	U427, U150
Line and shape properties	U121	Using and finding equations of linear real-life graphs	U862
Using a written method to multiply integers	U127	Calculating with pressure	U527
Using a written method to divide integers	U453	Interpreting cumulative frequency graphs, Drawing box plots	U642, U879
Function machines with numbers	M175	Interpreting cumulative frequency graphs	U642
Function machines with numbers, Adding and subtracting with negative numbers	M175, U742	Indices of the form $1/a$	U985
Function machines with numbers	M175	Indices of the form a/b	U772
Drawing bar charts	U363	Factorising quadratic expressions of the form x^2+bx+c	U178
Adding and subtracting fractions	U736	Factorising the difference of two squares	U963
Multiplying fractions	U475	Factorising quadratic expressions of the form ax^2+bx+c	U858

Solving equations with two or more steps	U325	Finding the surface area and volume of similar shapes	U110
Constructing and solving equations	U599	Volume of cuboids, Expand triple brackets, Factorise to solve quadratic equations	U786, U606, U228
Calculating bearings	U107	The sine rule, Using the exact values of trigonometric ratios (Higher)	U952, U319
Drawing stem-and-leaf diagrams	U200	Solving geometric problems using vectors	U781
Finding averages from diagrams	U854	Rationalising denominators containing a single term	U707
Solving direct proportion word problems	U721	Rationalising denominators containing two terms	U281
Expanding single brackets	U179	Alternate segment theorem, Angles subtended at the centre or circumference	U130, U459
Factorising into one bracket	U365	Finding inverse functions	U996
Calculating with roots and powers	U851	Substituting into composite functions	U895
Calculating with speed	U151	Tree diagrams for dependent events	U729
Interpreting scatter graphs	U277	Equations of circles and tangents	U567
Using lines of best fit	U128		
Sketch graphs of water flows	U896		
Area of compound shapes, Using equivalent ratios to find unknown amounts	U970,U753		
Using equivalent ratios to find unknown amounts	U753		
Finding the area of circles	U950		
Finding equations of straight line graphs	U315		
Using the exact values of trigonometric ratios	U627		
Combining ratios	U921		

Maths Paper 2 (F)		Maths Paper 2 (H)	
Ordering negative numbers	U947	Using a calculator	U926
Reading, converting and calculating with time	U902	Interpreting scatter graphs	U277
Calculating with roots and powers	U851	Using lines of best fit	U128
Finding factors and using divisibility tests	U211	Using lines of best fit	U128
Understanding and ordering decimals	U435	Currency conversion	U610
Calculating the median	U456	Using set notation, Venn diagrams with set notation	U296, U748
Writing probabilities as fractions	U408	Plotting graphs of quadratic functions	U989
Interpreting bar charts	U557	Plotting graphs of quadratic functions	U989
Finding percentages of amounts with a calculator	U349	Finding the percentage an amount has been changed by	U278
Constructing fractions	U163	Constructing and solving equations, Applying Pythagoras' theorem in 2D	U599, U828
Reading and plotting coordinates	U789	Multiplying and dividing numbers in standard form	U264

Plotting horizontal, vertical and diagonal lines	M797	Angles in polygons	U427
Converting between mixed numbers and improper fractions	U692	Solving simultaneous equations using elimination	U760
Rounding decimals	U298	Enlargement by a positive or negative scale factor	U134
Ordering fractions, decimals and percentages	U594	Finding the volume of cylinders and cubes, Calculating with density	U915, U786, U910
Using a calculator	U926	Interpreting direct proportion equations	U640
Simplifying expressions by collecting like terms	U105	Constructing direct proportion equations	U407
Constructing and solving equations	U599	Graphs of direct and inverse proportion	U238
Frequency trees	U280	Using the product rule for counting	U369
Drawing and interpreting scale diagrams	U257	Position-to-term rules for quadratic sequences	U206
Calculating midpoints	U933	Using recurrence relations	U171
Angles on parallel lines	U826	Drawing histograms with unequal class widths, Interpreting histograms	U814, U983
Rotation	U696	Adding and subtracting algebraic fractions	U685
Enlargement by a positive scale factor	U519	Geometric proofs with congruence and similarity	U887
Using standard form with positive indices	U330	Finding bounds for calculations	U587
Using standard form with negative indices	U534	Trigonometry in 3D shapes, Using Pythagoras' theorem in 3D	U170, U541
Prime factor decomposition	U739	Perpendicular lines, Factorising to solve quadratics of the form $ax^2+bx+c=0$	U898, U960
Mutually exclusive events, Using equivalent ratios	U683 U753	Tree diagrams for independent events	U558
Problem solving: Finding the HCF and LCM	U125		
Area and perimeter, Constructing and solving equations	U226 U599		
Finding original values in percentage calculations	U286		
Calculating with density	U910		
Finding the surface area of cones	U523		
Factorising the difference of two squares	U963		
Expanding double brackets	U768		
Factorising quadratic expressions of the form x^2+bx+c	U178		
Factorising to solve quadratic equations of the form $x^2+bx+c=0$	U228		

Maths Paper 3 (F)		Maths Paper 3 (H)	
Understanding and ordering integers	U600	Drawing and interpreting frequency polygons	U840
Converting between fractions, decimals and percentages	U888	Using standard form with positive indices	U330
Using algebraic notation	U613	Using standard form with negative indices	U534

Rounding integers	U480	Constructing bisectors of angles	U787
Converting units of length, mass and capacity	U388	Tree diagrams for independent events	U558
Interpreting pie charts	U172	Tree diagrams for independent events	U558
Understanding, measuring and drawing angles	U447	Share amounts in a ratio, Find the percentage an amount has been changed by	U577,U278
Drawing pie charts	U508	Interpreting stem-and-leaf diagrams	U909
Divide integers	U453	Finding error intervals for truncated numbers	U301
Interpreting frequency tables and two-way tables	U981	Finding unknown sides in right-angled triangles	U283
Term-to-term rules	U213	Simplifying expressions using index laws	U662
Interpreting distance-time graphs	U914	Finding original values in percentage calculations	U286
Plotting distance-time graphs	U403	Finding the arc length of sectors	U221
Using probability phrases	U803	Compound interest calculations	U332
Writing probabilities as fractions	U408	Growth and decay	U988
Expected results from repeated experiments	U166	Finding the area of trapeziums, Finding unknown sides in similar shapes	U265,U578
Combining angle facts	U655	Converting recurring decimals to fractions	U689
Finding the area of compound shapes	U970	Changing the subject when the subject appears more than once	U191
Finding original values in percentage calculations	U286	Equations of parallel and perpendicular lines	U898
Percentage change with a calculator	U671	The cosine rule, The area rule	U591,U592
Substituting into expressions	U201	Capture-recapture	U328
Solving equations, Substituting into expressions, Writing and simplifying ratios	U325, U201, U687	Using Pythagoras' theorem in 2D, Finding the surface area of cones	U385,U523
Choosing suitable averages and solving problems	U717	Solving simultaneous equations involving quadratics	U547
Finding the volume of prisms	U174	Reflecting graphs	U487
Using a calculator	U926	Translating graphs	U598
Rounding decimals using significant figures	U965	Distances from velocity-time graphs, Estimate areas under non-linear graphs	U611,U882
Reciprocals	M216	Finding the turning point of a quadratic graph by completing the square	U769
Using equivalent ratios to find unknown amounts	U753		
Plotting graphs of quadratic functions	U989		
Solving quadratic equations graphically	U601		
Standard form with a calculator	U161		
Finding error intervals	U657		
Growth and decay	U988		
Venn diagrams with set notation	U748		

Science

Topics	Resources	Keywords
Principles of organisation	https://revisit.work/Organisation	cells, tissues, organ, organ system, organism, plants, animals
Animal tissues, organs and organ systems	https://revisit.work/animal-tissues-organs-organsystems	Digestion, enzymes, Digestive system, organs, amylase, lipase, protease, hydrochloric acid
The Periodic Table	https://revisit.work/The-Periodic-Table	The periodic Table, Group, Period, Elements, Group 1, Group 7, Group 0, Metals, Non-metals
Chemical bonds, ionic, covalent and metallic	https://revisit.work/Structure-bonding	chemical bonds, ionic bonding, ionic compound, covalent bonding, atoms, metallic bonding, physical properties, chemical properties
National and global energy resources	https://revisit.work/energy-resources	energy, renewable, non-renewable, demand, electrical power, carbon emissions, pollution
Energy changes in a system	https://revisit.work/energy-changes	Energy, conservation of energy, kinetic energy, gravitational potential energy, energy stores, energy pathways, equations
Science Skills	https://revisit.work/science-skills	equations, variables, method, results, graphs, analysis, apparatus,

French

Topics	Resources & Keywords
Media and technology	RPA French Revision resources: https://revisit.work/Y10FrenchAut
Lifestyle and Wellbeing	
Travel and tourism	
Studying and my future	

Geography

Topics	Resources	Keywords
Tectonics	https://revisit.work/tectonics-gc	Hazards, Earthquakes, Volcanoes, Plate margins, Chile, Nepal, Living with risks, MPPP
Weather Hazards	http://revisit.work/weatherhazards-gc	GAC, Tropical storms - location & ingredients, Tropical storms - formation, Haiyan, MPPP, UK hazards, Beast from the East, UK hazards extreme
Climate Change	https://revisit.work/climatechange-gc	Evidence, Natural causes, Human causes, Effects, Mitigation, Adaptation
Glaciers	revisit.work/glaciers	Erosion & weathering, Erosional landforms, Depositional landforms, Economic opportunities, Conflict, Lake District - impacts and management
Skills	https://revisit.work/skills	Grid references, Scale and distance, Complete graphs, Mean/median/mode/range, Atlas skills,

History

Topics	Resources	Keywords
Medieval Hospitals	https://revisit.work/Y10-Health-RPA	Hospitality (care, not cure), Prayer, Monks/Nuns
Anaesthetics	https://revisit.work/Y10-Health-RPA	Chloroform, Anaesthetic, Pain Relief, Antiseptics
Germ Theory	https://revisit.work/Y10-Health-RPA	Pasteur, Koch, Spontaneous Generation, Rivalry
Public Health	https://revisit.work/Y10-Health-RPA	Laissez-Faire, 1875 Public Health Act, The Great Stink, Bazalgette

RE

Topics	Resources	Keywords
Creation	https://revisit.work/CreationStory	Adam, Eve, Tree of Knowledge, 7 Days, Genesis.
The Nature of God	https://revisit.work/NatureOfGod	Omnipotent, Omniscient, Benevolent, Just
Resurrection of Jesus	https://revisit.work/Resurrection	
Judgement	https://revisit.work/ChristianJudgement	
Suffering	https://revisit.work/NatureOfGod https://revisit.work/SufferingAndEvil	Omnipotent, Omniscient, Benevolent, Just, Able, Knowx2 Want, Deserve.
Eucharist	https://revisit.work/Eucharist	Holy Communion, bread, wine, sacrament.
Work in the local Community	https://revisit.work/LocalCommunity	Street Pastors, Trussell Trust.
Eucharist	https://revisit.work/Eucharist	Holy Communion, bread, wine, sacrament, Iconostasis, served on a spoon, served separately.
Street Pastors	https://revisit.work/StreetPastors	Friday/Saturday nights, helping, flip-flops, water, survival blankets, prayer.
Prayer	https://revisit.work/Praying	Praise, Thanks, Asking for forgiveness, Asking for yourself, Asking for others.