

## **Y11 Revision Resources**

<b>Art</b>	Students must complete prep work considering A01, A02 and A03 to prepare a final design A04 for the exam piece.
<b>Photography</b>	Students must complete prep work considering A01, A02 and A03 to prepare a final design A04 for the exam piece.
<b>Business Studies</b>	The paper will cover all subjects covered up until Christmas in Y11, as well as topics 1.1 – 1.5 from Y10 work.
<b>Childcare</b>	Types of play Holistic development (PLIES) Transitions How play is organised (adult led, child led, adult initiated) SEND/ delay in development Internet safety Health and safety.
<b>Design + Technology</b>	<p><a href="https://www.bbc.co.uk/bitesize/examspecs/zby2bdm">https://www.bbc.co.uk/bitesize/examspecs/zby2bdm</a>,  <a href="https://www.technologystudent.com/despro_flash/NEW_GC_SE3.html">https://www.technologystudent.com/despro_flash/NEW_GC_SE3.html</a>, <a href="https://senecalearning.com/en-GB/revision-notes/gcse/design-and-technology/aqa">https://senecalearning.com/en-GB/revision-notes/gcse/design-and-technology/aqa</a></p> <p>Past papers and mark schemes sent to student emails via bromcom</p> <p>D&amp;T revision text book</p> <p>D&amp;T flash cards</p>
<b>Engineering</b>	<ul style="list-style-type: none"> <li>• Multiple choice questions assessing breadth of knowledge.</li> <li>• Short answer questions assessing in depth knowledge, including calculations.</li> <li>• Multiple choice questions related to the application of practical engineering skills.</li> <li>• Extended response questions drawing together elements of the specification.</li> </ul>
<b>Food Technology</b>	Methods of cake making, Health and Nutrition, Food Hygiene, Food preservation, Food commodities (Milk), Stages of processing, Healthier choices, Food manufacture (Fortification), Diet related health issues.
<b>English Language AQA</b>	AQA English language paper 1 Section A- reading a fiction text and answering 4 reading questions Section B- being able to write creatively AQA English language paper 2 Section A- reading 2 non-fiction texts and answering 4 reading questions Section B- being able to write transactionally
<b>English Language Eduqas</b>	EDUQAS English language COMPONENT 2 Section A- reading 2 non-fiction texts and answering a series of questions Section B- being able to write 2 pieces of transactional writing (300-300 words approx. each)

<b>English Literature</b>	<p>AQA English Literature paper 1 Macbeth- extract and whole text (30 +4 marks) A Christmas Carol- extract and whole text (30 marks)</p> <p>AQA English Literature paper 2 An Inspector Calls- choose 1 of 2 questions (30 + 4 marks) Power and conflict- named and printed poem and compare to another from the anthology (30 marks) Unseen poetry- read and respond to an unseen poem (24 marks) Compare 2 unseen poems (8 marks)</p>
<b>Geography</b>	<p>Paper 1 The Challenge of Natural Hazards The Living World Physical Landscapes in the UK</p> <p>Paper 2 Urban Issues and Challenges The Challenge of Resource Management</p>
<b>History</b>	See below
<b>Health and Social Care</b>	<p>Life Stages  Areas of Development: physical, intellectual, emotional, social  Life Events  Types of Play  Services  Informal Care</p>
<b>Computer Science</b>	<p>1.1 Systems architecture, 1.2 Memory and storage 1.3 Computer networks, connections and protocols 1.4 Network security, 1.5 Systems software, 1.6 Ethical, legal, cultural and environmental impacts of digital technology, 2.1 Algorithms, 2.2 Programming fundamentals, 2.3 Producing robust programs.</p>
<b>iMedia</b>	<p>TA1 – The Media Industry</p> <p>TA2 – Factors Influencing Product Design</p> <p>TA3 – Pre Production Planning</p>
<b>Mathematics</b>	See below
<b>Statistics</b>	<p>Binomial Distribution, Comparative Pie Charts, Cumulative Frequency, Frequency Tables, Hypothesis/Conclusion, Mean, Probability Tree Diagrams, Questionnaires, Random Sampling, Reading from Tables, Scatter Diagrams, Skew, Standard Deviation, Standardised Scores, Stem and Leaf Diagrams, Time Series and Weighted Index Numbers</p>
<b>French</b>	All themes in revision guides Quizlet sets of topical vocabulary and past paper quizlet sets.
<b>Spanish</b>	All themes in revision guides Quizlet sets of topical vocabulary and past paper quizlet sets.

<b>Music</b>	This will cover all set works, dictation and unfamiliar listening allowing students to gain the experience of sitting a full GCSE Paper.
<b>Dance</b>	We will take a task from the current set assignment to be completed as a controlled assessment.
<b>Physical Education</b>	Full paper 2 content.
<b>OCR Sport</b>	Contemporary Issues in Sport
<b>Drama</b>	Scripted performance revision and preparation. All lines need to be learnt for both extracts as this is marked by an external examiner.
<b>Religious Studies</b>	Year 10 Topic 1- Christian Beliefs and Topic 4 Islamic Practices  Year 11- Topic 1 Relationships and Topic 2 Religion and Life
<b>Biology (combined)</b>	See below
<b>Chemistry (combined)</b>	See below
<b>Physics (combined)</b>	See below
<b>Construction</b>	<p>Unit 1: The Design &amp; Built Environment. Students should revise the Built Environment Life Cycle, knowing all 6 stages and examples as well as the acronym ACCESSFM to help them access and answer the higher mark questions.</p> <p>Whilst revising, focus on the following areas:</p> <ul style="list-style-type: none"> <li>• Roles and careers in the industry, in particular the difference between trade roles and professions/managerial roles.</li> <li>• Low Rise Buildings and components, including the classification of residential dwellings.</li> <li>• Different types and examples of buildings and examples.</li> <li>• Infrastructure linking to the services required for a building (gas/water/electric) and the transportation network.</li> <li>• Sustainability and new technology in the industry, including building materials. Watch 'Tomorrow's Build' on YouTube - all clips are relevant and short episodes.</li> </ul>

**Mathematics-**

**YEAR 11 HIGHER TOPIC LIST**

## HARDER TOPICS

EQUATION OF A CIRCLE, EQUATION OF A TANGENT, SIMILAR SHAPES, CIRCLE THEOREMS

EXPANDING TRIPLE BRACKETS, VELOCITY TIME GRAPHS, COMPLETING THE SQUARE

ALGEBRAIC PROOF, LIMITS, HARDER TRIGONOMETRY, RECURRING DECIMALS

GRAPHICAL INEQUALITIES, SOLVING QUADRATIC INEQUALITIES, CONDITIONAL PROBABILITY

ALGEBRAIC FRACTIONS, INVERSE PROPORTION, SKETCHING TRIGONOMETRIC GRAPHS

## STANDARD TOPICS

SECTORS, TRIGONOMETRY, CUMULATIVE FREQUENCY, SEETTING UP AND SOLVING EQUATIONS

PERCENTAGE PROBLEMS, REVERSE PERCENTAGE, DENSITY, TRANSFORMATIONS – ALL FOUR

VOLUME PROBLEMS – PYRAMIDS, SPHERES, CONES, PRISMS, CUBOIDS

CONSTRUCTIONS, BEARINGS, VENN DIAGRAMS, FACTORISING QUADRATICS, RATIO PROBLEMS

ANGLES IN POLYGONS

## EASIER TOPICS

STANDARD FORM, PYTHAGORAS, COMPOUND INTEREST, HCF, COMBINATIONS

AREA AND CIRCUMFERENCE, PRIME FACTORS, SCATTER DIAGRAMS, RELATIVE FREQUENCY

SUVAT, CONGRUENT TRIANGLES, EXPANDING BRACKETS, TWO WAY TABLES

USING A CALCULATOR, ALGEBRAIC POWERS, POWERS AND ROOTS, CONVERTING UNITS

DRAWING A QUADRATIC GRAPH FROM A TABLE, SURVEYS

## ***YEAR 11 FOUNDATION TOPIC LIST***

### **HARDER TOPICS**

DRAWING A QUADRATIC GRAPH FROM A TABLE, EQUATION OF A STRAIGHT LINE, BEARINGS

TRIGONOMETRY, REVERSE PERCENTAGE, SIMULTANEOUS EQUATIONS, ERROR INTERVALS

PROBABILITY TREE DIAGRAMS, VOLUME – SPHERES, PYRAMIDS, CONES, CUBOIDS, PRISMS

FACTORISING QUADRATICS, EXPANDING SINGLE BRACKETS, EXPANDING DOUBLE BRACKETS

STANDARD FORM, SOLVING INEQUALITIES AND PUTTING INEQUALITIES ON A NUMBER LINE

TRANSFORMATIONS – REFLECTION, ROTATION, TRANSLATION, ENLARGEMENT

RATIO PROBLEMS, SOLVING EQUATIONS, PROPORTION PROBLEMS, CONSTRUCTIONS

### **STANDARD TOPICS**

RELATIVE FREQUENCY, PERCENTAGE PROBLEMS, SIMPLE INTEREST, AREA OF A CIRCLE

FREQUENCY TREES, PIE CHARTS, CHANGING THE SUBJECT OF A FORMULA, COLUMN VECTORS

FACTORISING, SCATTER DIAGRAMS, CURRENCY PROBLEMS, WAGES PROBLEMS, TWO WAY TABLES

CONVERTING UNITS, DIFFERENCE OF TWO SQUARES

### **EASIER TOPICS**

PARTS OF A CIRCLE, BIDMAS, USING A CALCULATOR, AREA OF A TRIANGLE, BASIC AVERAGES

CONVERTING FRACTIONS, DECIMALS AND PERCENTAGES, SIMPLIFYING EXPRESSIONS

NAMING SHAPES, FACTORS AND MULTIPLES, BASIC ANGLES, NEGATIVE NUMBERS

BASIC FRACTIONS, BAR CHARTS, SYMMETRY, POWERS AND ROOTS,  
NUMBER MACHINES

EASY PROBABILITY, SEQUENCES, MONEY PROBLEMS

## **Biology (Combined)**

### **GCSE Biology Trilogy Higher vs Foundation Tier Specification Breakdown**

Paper	Unit Title	Foundation & Higher Content	Higher Only
2	The Human and Nervous System	Principles of homeostasis The structure and function of the nervous system Reflex actions	
2	Hormonal Co-ordination	Principles of hormonal control The control of blood glucose levels Treating diabetes Human reproduction The artificial control of fertility	The role of negative feedback Hormones and the menstrual cycle Infertility treatments
2	Reproduction	Types of reproduction Cell division in sexual reproduction DNA and the genome Inheritance in action More about genetics Inherited disorders Screening for genetic disorders	
2	Variation and Evolution	Variation	
2	Adaptations, Interdependence and Competition	The importance of communities Organisms in their environment Distribution and abundance Competition in animals Competition in plants Adapt and survive Adaptation in animals Adaptation in plants	

## **Physics (Combined)**

## GCSE Physics - Combined content

Paper	Unit Title	Combined content
2	Forces in Balance	Vectors and scalars Forces between objects Resultant forces Centre of mass HT - Parallelogram of forces HT - Resolution of perpendicular forces
2	Motion	Speed and distance-time graphs Velocity and acceleration Velocity-time graphs Analysing motion graphs
2	Force and Motion	Force and acceleration Weight and terminal velocity Forces and braking Forces and elasticity HT - Momentum
2	Wave Properties	The nature of waves The properties of waves Reflection and refraction
2	Electromagnetic Waves	The electromagnetic spectrum Light, infrared, microwaves and radio waves Communications

		UV, X-rays and Gamma rays X-rays in medicine
2	Electromagnetism	Magnetic fields Magnetic fields of electric currents HT - The motor effect
2	Space	

### Chemistry (Combined)

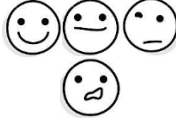
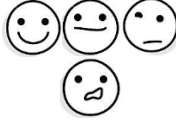
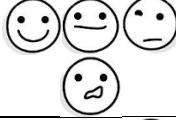
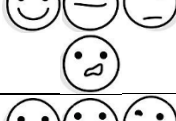


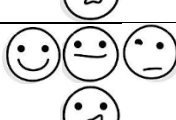
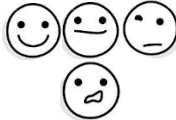

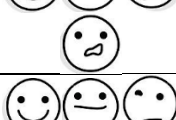
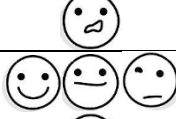
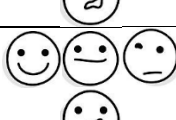
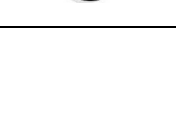

#### GCSE Chemistry Trilogy Higher vs Foundation Tier Specification Breakdown

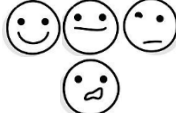
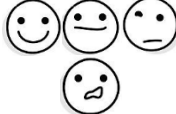
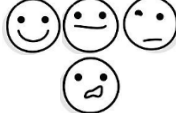
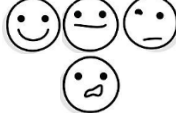
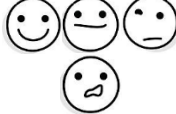
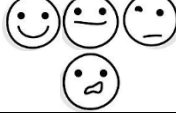
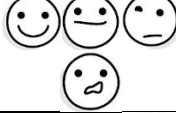


Paper	Unit Title	Foundation & Higher Content	Higher Only
2	Rates and Equilibrium	Rates of reaction Collision theory and surface area The effect of temperature, concentration and catalysts Reversible reactions Energy and reversible reactions Dynamic equilibrium	<b>Altering conditions (Le Chatelier's Principle)</b>
2	Crude Oil and Fuels	Hydrocarbons Fractional distillation of oil Burning hydrocarbon fuels Cracking hydrocarbons	
2	Chemical Analysis	Pure substances and mixtures Analysing chromatograms Testing for gases	
2	The Earth's Atmosphere	History of the Atmosphere The evolving atmosphere Greenhouse gases Global climate change Atmospheric pollutants	

### History –

GCSE History – Topic List			
Paper 2 – Superpower Relations (Cold War)			
Topic	Sub-topic	How good is your knowledge?	Actions: How have you improved your knowledge?











The origins of the Cold War, 1941–58	The Grand Alliance in WWII. The outcomes of the Tehran, Yalta and Potsdam conferences.		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The Long and Novikov telegrams and the creation of Soviet satellite states in Eastern Europe.		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	Truman Doctrine and Marshall Plan.		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The creation of Cominform, Comecon and the formation of NATO.		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The Berlin Crisis (blockade, airlift and consequences).		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The Arms Race		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The Creation of the Warsaw Pact		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The Hungarian Uprising		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
Cold War crises, 1958–70	The refugee problem in Berlin and Khrushchev's Berlin ultimatum.		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The Berlin Crisis (Conferences in Geneva, Camp David, Paris and Vienna)		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The building of the Berlin Wall		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	Cuba: The Bay of Pigs Invasion		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The Cuban Missile Crisis		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	The consequences of the Cuban Missile Crisis: the 'hotline' and attempts at arms control.		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>

	<b>The 1968 Prague Spring</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>The Brezhnev Doctrine and the re-establishment of Soviet control in Czechoslovakia.</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
<b>The end of the Cold War, 1970–91</b>	<b>Détente</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>Gorbachev's 'new thinking' (Glasnost, Perestroika and the Sinatra Doctrine.)</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>The Soviet invasion of Afghanistan</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>USA's response to Afghanistan. The Carter Doctrine and the Olympics.</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>Reagan and the 'Second Cold War'. (Evil Empire Speech, "Star Wars" defence)</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>The significance of the fall of the Berlin Wall.</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>The collapse of the Soviet Union</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>

**GCSE History – Topic List**

**Paper 2 – Early Elizabethan England**

<b>Topic</b>	<b>Sub-topic</b>	<b>How good is your knowledge?</b>	<b>Actions: How have you improved your knowledge?</b>
<b>The Situation at the beginning of Elizabeth's Reign</b>	<b>Legitimacy</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>Religion</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>The Threat of Invasion (France, Spain, Scotland)</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>Elizabethan Government and Parliament.</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
<b>Elizabeth and Religion</b>	<b>The Religious Settlement</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>Puritan challenges to the Settlement</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
	<b>Catholic challenges to the Settlement</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>
<b>Plots and Rebellions</b>	<b>Mary Queen of Scots and her arrival in England in 1568</b>		<ul style="list-style-type: none"> <li>○ Quiz</li> <li>○ Practice question</li> </ul>

















against Elizabeth	The Revolt of the Northern Earls		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	The Ridolfi Plot		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	The Throckmorton Plot		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	The Babington Plot		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Elizabeth's treatment of English Catholics 1568-157		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
Foreign Policy	Elizabeth and France 1559-1562		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	The Dutch Revolt 1568-1585		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Cause of the War between Spain and England.		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	The Spanish Armada		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
Elizabethan Society	Education		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Leisure		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Reason for poverty increasing in Elizabethan England.		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Elizabethan Poor Laws		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
Exploration	Reason for increased exploration in Elizabethan England		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Failed attempts to colonise Virginia		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>

### GCSE History – Topic List

#### Paper 3 – America, Conflict at home and Abroad

##### Pt 1 – Civil Rights

Topic	Sub-topic	How good is your knowledge?	Actions: How have you improved your knowledge?
The Situation for Black Americans in the 1950s	The Situation for Black Americans in the 1950s		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Reasons why the Civil Rights Movement Grew in the 1950s.		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
The Civil Rights movement in the 1950s	Brown vs Topeka		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	The Montgomery Bus Boycott		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Little Rock Arkansas		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	The 1957 Civil Rights Act		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Opposition to Civil Rights (The KKK, WCC, Political Opposition and The Dixiecrats)		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
Civil Disobedience	The Sit-In Movement		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>
	Freedom Rides		<ul style="list-style-type: none"> <li>o Quiz</li> <li>o Practice question</li> </ul>

<b>and protest: 1960-1965</b>	<b>The Case of James Meredith</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>Birmingham Alabama</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>The March on Washington</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>The 1964 civil Rights Act</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>The Freedom Summer</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>Selma and the Voting Rights Act</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
<b>Black Nationalism</b>	<b>Malcolm X</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>Stokely Carmichael and the SNCC</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>Protests: The March against Fear and The Mexico Olympics.</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>The Black Panthers</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
<b>Poverty, Riots and the Kerner Report</b>	<b>Race Riots: 1965-68</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>The Kerner Report</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>King's Campaign in the North</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
<b>The Civil Rights Movement 1965-1968</b>	<b>The Assassination of Martin Luther King</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>Reason for the Decline in support for the Civil Right Movement</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question
	<b>Nixon's Civil Rights Policies.</b>		<input type="radio"/> Quiz <input type="radio"/> Practice question