


Subject topic lists for cycle 3 end of year exams




Year 7




English Language	☹	☺	☺	Notes
Paper 1 - Unseen - fiction text				
Q1 - Retrieval				
Q2 - Analysis of language				
Q3 - Analysis of structure				
Q4 - Evaluation				
Q5 Writing - describe or narrate				
Paper 2 - Unseen - non-fiction x 2 texts - one pre 1900				
Q1 - Retrieval				
Q2 - Summarise and interpret				
Q3 - analysis of language				
Q4 - comparison of writer's perspectives				
Q5 - Writing - discursive essay				

Maths	☹	☺	☺	Notes
Core Topics				
Place Value – ordering, rounding, inequalities				
Addition and Subtraction – large and small numbers				
Multiplication and Division – large and small numbers				
Negatives – add, subtract, multiply and divide				
Fractions- add subtract, multiply and divide				
Statistics – Types of data, data collection, calculations and graphs				
Algebra – forming equations, simplifying expressions, expanding brackets, factorising brackets solving equations, sequences, nth term				
Percentages - Interpret, express as a % of another, compare quantities, increase decrease, reverse percentage				
Geometry – Describe and sketch special lines, angles and polygons, use protractor, angles facts, angles in parallel lines				
Extension Topics				
Inequalities- Error intervals and integer sols				
Compound perimeter				
Converting between metric units				
HCF/LCM including from Venn diagrams				
Substituting Fractions				
Reciprocals				
Algebraic Fractions				
Probabilities and percentages from two-way tables				
Inverse Mean				
Area and volume				
Substitution involving indices				
Expand double brackets				
Factorise and solve a single bracket quadratic				
Calculator Method-using multipliers for Percentages				
Compound Interest				
Repeated percentage increase/decrease				
Forming and solving with perimeter, area and angles				
Constructing Triangles				

Science	☹	☺	😊	Notes
Organisms				
• Human skeleton				
• Joints and muscles				
• Animal and plant cells				
• Specialised cells				
Matter				
• Particle model				
• Changes of state				
• Diffusion				
• Separating solutions				
• Distillation				
• Chromatography				
Energy				
• Energy stores				
• Energy transfer				
• Ways to generate electricity – renewable and non-renewable				
• Potential energy				
• Kinetic energy				
Genes				
• Variation				
• Reproduction				
• Foetus development and factors effecting a foetus development				
Reactions				
• Metals and non-metals				
• Displacement reactions				
• Acid, Alkali and indicators				
• Neutralisation				
Electromagnets				
• Electric circuits				
• Series and parallel				
• Resistance				
• Static charge				
• Electric fields				
Waves				
• Sound				
• Reflection and absorption				
• Refraction				
• Properties of light				
• Coloured light				
Earth				
• Structure of Earth				
• Rock cycle				
• Stars and galaxies				
Forces				
• Speed, distance (motion graphs)				
• Types of forces				
• Mass and weight				
• Gravity and gravitational field strength				




History				Notes
William the Conqueror and The Norman Conquest				
King John and Magna Carta				
Medieval Life				
King Charles I and the Causes of the English Civil War				
Monarchs, Religion and Parliament 1500-1750				




Geography				Notes
Countries, continents and oceans				
Graph and maps skills				
Tropical rainforests – structure, adaptations, reason for deforestation, uses and management of				
Climate change – causes, impacts, solutions				
The problem of plastic				

RE				Notes
Judaism				
Christianity				
Islam				

Art, Drama, Design Technology, ICT/Computer Science, Music, PE

-Subjects are assessed in lessons for learning cycle 3

Drama				Notes
LC1 - Foundation Drama Skills				
LC1 - 'The Lion The Witch and The Wardrobe' Scripted Performance				
LC1 - Live Theatre Analysis Part 1				
LC2 - Characterisation Practice				
LC2 - Dixons Drama Challenge – Create a characters				
LC2 - Multi-Rolling Devised Performance				
LC3 - Live Theatre Analysis Part 2				
LC3 - 'The Terrible Case of Humpty Dumpty' Scripted Performance & Text Test				
LC3 - 'The Tempest' Theatre Design				

Music				Notes
LC1 - Pulse & Rhythm				
LC2 - Instrumental Skills and Use of Music Technology				
LC3 - Major & Minor Performance and Composition Skills				