

Year 10 – REVISION LIST

<p>English</p>	<p>Paper 1</p> <ul style="list-style-type: none"> • Explorations in creative reading and writing (Fictional text) • Writers' methods – language devices and their effects / Structural devices and their effects / Writing to describe and narrate. • Spelling, punctuation and grammar. <p>Paper 2</p> <ul style="list-style-type: none"> • Writers' viewpoints and perspectives (Non-fiction Texts) • Writers' methods – language devices and their effects / Structural devices and their effects / Comparisons skills – summary of ideas in a text. • Identification and comparison of writer's viewpoints. Writing to argue and persuade. Spelling, punctuation and grammar. 																								
<p>Maths</p>	<table border="1"> <thead> <tr> <th>Year 10 Foundation</th> <th>Year 10 Higher</th> </tr> </thead> <tbody> <tr> <td>Indices and Standard Form</td> <td>Powers and Roots</td> </tr> <tr> <td>Expressions and Formulae</td> <td>Quadratics</td> </tr> <tr> <td>Dealing with Data</td> <td>Inequalities, equations and formulae</td> </tr> <tr> <td>Multiplicative Reasoning</td> <td>Collecting and analysing data</td> </tr> <tr> <td>Constructions</td> <td>Multiplicative reasoning</td> </tr> <tr> <td>Equations; Inequalities and Proportionality</td> <td>Non-Linear graphs</td> </tr> <tr> <td>Circles, Pythagoras and Prisms</td> <td>Accuracy and Measure</td> </tr> <tr> <td>Sequences and Graphs</td> <td>Graphical Solutions</td> </tr> <tr> <td>Probability</td> <td>Trigonometry</td> </tr> <tr> <td>Comparing Shapes</td> <td>Mathematical Reasoning</td> </tr> <tr> <td>Graphs, tables and charts</td> <td>Interpreting and representing data</td> </tr> </tbody> </table>	Year 10 Foundation	Year 10 Higher	Indices and Standard Form	Powers and Roots	Expressions and Formulae	Quadratics	Dealing with Data	Inequalities, equations and formulae	Multiplicative Reasoning	Collecting and analysing data	Constructions	Multiplicative reasoning	Equations; Inequalities and Proportionality	Non-Linear graphs	Circles, Pythagoras and Prisms	Accuracy and Measure	Sequences and Graphs	Graphical Solutions	Probability	Trigonometry	Comparing Shapes	Mathematical Reasoning	Graphs, tables and charts	Interpreting and representing data
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Fractions and percentages	Fractions, ratio and percentages
Sequences	Angles and trigonometry
Angles	Graphs –Linear Quadratic and others
Averages and Range	Area and volume
Perimeter, area and volume	Transformations and constructions
Other Graphs	Equations and Inequalities
Transformations	Probability
Ratio and Proportion	Multiplicative reasoning
Trigonometry	Similarity and Congruence
Probability	Further Trigonometry

Science

<https://hamblescience.co.uk/students/>

Biology	<ul style="list-style-type: none"> • Infection and response • Homeostasis and response • Hormones • Genetic inheritance
Chemistry	<ul style="list-style-type: none"> • Chemical calculations • Reactions of acids and alkalis • Chemical changes • Rates of reaction • Crude oil, hydrocarbons and cracking • Analytical chemistry
Physics	<ul style="list-style-type: none"> • Radiation and atoms • Forces and energy • Measuring motion • Forces and motion



French	<ul style="list-style-type: none"> • Vocabulary practice – Duolingo • Environment – Problems and Solutions
Spanish	<ul style="list-style-type: none"> • Vocabulary practice – Duolingo • The City & Global Issues (Set 1) • Past Holidays and Local Area (Set 2)
Italian	<ul style="list-style-type: none"> • Vocabulary practice – Duolingo • Speaking Practice – complete Theme 2 & Theme 3 speaking booklets – submit recordings on Edmodo
Geography	<ul style="list-style-type: none"> • Paper 1 UK Physical Landscapes (Rivers and Coasts) / The Challenge of Natural Hazards • Paper 2 Urban Issues and Challenges / The Challenge of Resource Management • Paper 3 Fieldwork • https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc
History	<ul style="list-style-type: none"> • Crime and Punishment, Cold War, Early Elizabethan England and Weimar & Nazi Germany <p>Revision guides are created by Mr Wickenden and are placed on Class Charts</p>



<p>Religious Studies</p>	<ul style="list-style-type: none"> • Relationships and families: Religious teachings about sexuality, sexual relationships before and outside marriage, contraception and family planning, religious teachings about marriage, divorce and remarriage, religious teachings about the nature of families, religious teachings about the purpose of families, religious teachings about gender equality. • Christian beliefs: Focusing on the nature of God, the trinity, beliefs about creation, the incarnation and Jesus, the Son of God. The crucifixion and the resurrection and ascension. Resurrection and the afterlife, Heaven and Hell, Sin and Salvation and the role of Christ in salvation. • Christian Practices: Worship, prayer, holy sacraments of baptism and holy communion, pilgrimage, religious festivals, church in the local community – food banks and street pastors, evangelism, church growth, the importance of the worldwide church, Christian persecution and the Churches response to poverty worldwide. • Muslim beliefs: The Oneness of God (Tawhid), the nature of God, Angels, Predestination, Life after death, prophethood and Adam, Abraham, Muhammad and the Imamate and the Holy Books of Islam. • Muslim practices: The Five Pillars of Islam, Shahadah, Salah, Zakat, Sawm, Hajj, Jihad, Eid-UI-Fitr, Eid-UI-Adha, Ashura.
<p>Computer Science</p>	<ul style="list-style-type: none"> • Hardware and Computer Systems • Algorithms • Programming – Python • Data • Issues and Impact • https://www.bbc.co.uk/bitesize/levels/z98jmp3 • http://www.gcsecs.com/ • https://senecalearning.com/en-GB/ • https://livewithcode.uk • https://projects.raspberrypi.org/en/codeclub • https://www.gcsepod.com/ • https://craigndave.org/



Design & Technology	<ul style="list-style-type: none"> • User centred design • Material uses and properties • Material processes • Design brief and specification • CAD CAM • Automation • Industry and enterprise
Engineering	<ul style="list-style-type: none"> • Metals and their properties – ferrous, non-ferrous and alloys • Polymers and their properties – thermoforming and thermoset • Engineering sectors • CAD CAM • Technical drawing – isometric and orthographic projection • Components and fixings – temporary and permanent • Product specific and proprietary components
Food Preparation & Nutrition	<ul style="list-style-type: none"> • Macro and micronutrients • Food investigations • Nutritional analysis software • Food security • Food science • Functional and chemical properties of ingredients • Food science • Gelatinisation, dextrinisation, fermentation, emulsification • Food science investigation and practical skills



Drama	<ul style="list-style-type: none"> • Blood Brothers • Theatre Roles • Staging Types • Stage Areas • Theatre Design (lighting, sound, costume, set)
Media Studies	<ul style="list-style-type: none"> • The technical elements – Mise-en-scene, sound, editing and cinematography • Key Theories – Uses and Gratifications, representation, target audience theory • Case Studies – The Lego Movie and Game, Cuffs, Avengers, Radio 1 Live Lounge, Music Videos: If I were a boy and Uptown Funk and MOJO Magazine
Music	<ul style="list-style-type: none"> • Revision Cards • Film: Little Shop of Horrors

