

Year 10

Topics to revise for end of year assessments



- English language paper one
- Macbeth – plot, themes, and characters
- A Christmas Carol – plot, themes, and characters
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**MASTERY IS
ACHIEVED
THROUGH
DELIBERATE
PRACTICE.**

Maths

Year 10 Foundation

- Solving equations and rearranging formulae
- Linear Graphs
- Linear Simultaneous Equations
- Volume 2
- Compound Measures
- Quadratics - graphical
- Quadratics - algebraic
- Further graphs
- Probability 2
- Statistics 2
- Standard Form
- Ratio 2
- Growth & Decay
- Pythagoras Review
- Bearings & Scale Drawings

Year 10 Higher

- Rearranging formulae
- Linear Graphs
- Linear Simultaneous Equations
- Volume 2
- Compound Measures
- Quadratics - graphical
- Quadratics - algebraic
- Further graphs
- Probability 2
- Statistics 2
- Cumulative Frequency and Box Plots
- Standard Form
- Growth & Decay
- Ratio 2



Biology:



- B1 - Cell biology
- B2 - Organisation
- B3 - Infection and response
- B4 - Bioenergetics


Chemistry:

- C1 - Atomic structure and the periodic table
- C2 - Structure and bonding
- C3 - Quantitative chemistry
- C4 - Chemical changes
- C5 - Energy changes

Physics:

- P1 - Energy
- P2 - Electricity
- P3 - Particle model
- P4 - Atomic structure

	<ul style="list-style-type: none"> • Ratio 3 • Similar shapes • Algebraic proportion • Surds • Right angled Trigonometry 	
<p style="text-align: center;"><u>R.S</u></p> <p>Christianity beliefs</p> <ul style="list-style-type: none"> • Nature of God • The Trinity • Creation • The incarnation, Crucifixion, Resurrection & Ascension • Afterlife and judgement • Heaven and hell • Sin • Salvation <p>Christianity practices</p> <ul style="list-style-type: none"> • Worship • Prayer • Baptism • Holy Communion and Baptism • Christmas and Easter • Pilgrimage • Street pastors and Food banks • Mission and Evangelism • Church growth • Reconciliation • Charity <p>Islam Beliefs</p> <ul style="list-style-type: none"> • Tawhid and the nature of God • The prophets (Adam, Ibrahim, Muhammad) • Sunni/ Shi'a split • Imamate 	 <ul style="list-style-type: none"> • Crime and Punishment through time – Crime, Law Enforcement, Punishment • Whitechapel • Elizabeth • Early Weimar Germany 	<p style="text-align: center;"><u>Geography</u></p> <ul style="list-style-type: none"> • Paper 1 Section A (Tectonic hazards, weather hazards, climate change) • Paper 1 Section C (Coasts- all that has been completed up until the exam) • Paper 2 Section B (Measuring development, causes of uneven development, closing the development gap, Nigeria as an NEE, UK economy) • Geographical skills will be included throughout

<ul style="list-style-type: none"> • Six Articles of Faith/ Five Roots • Qur'an and holy books • Angels • Life After Death • Predestination <p>Islam Practices</p> <ul style="list-style-type: none"> • The Shahadah • Salah (prayer) • Sawm (Fasting), Ramadan and the Night of Power 		
<p><u>Computer Science</u></p> <ul style="list-style-type: none"> • System architecture • Memory and storage • Computer networks, connections and protocols • Network security • System software • Ethical, legal, culture and environmental impacts of digital technology • 2.1 Algorithms • 2.2 Programming fundamentals (Sequence, Selection, Iteration, Variables, Data types, Functions, String Manipulation, File Handling) • 2.3 Producing robust programs • 2.4 Boolean logic • 2.5 Programming languages and Integrated Development Environments 	<p><u>Media</u></p> <ul style="list-style-type: none"> • Media language • Representation • Media context for <ul style="list-style-type: none"> ➤ Vogue ➤ GQ ➤ The man with the golden gun ➤ Quality street ➤ This Girl Can • Media industries and audience <ul style="list-style-type: none"> ➤ The Archers ➤ Fortnite ➤ James bond 	<p><u>French</u></p> <ul style="list-style-type: none"> • Physical descriptions • Character descriptions • Family and friend relationships • Free time activities • Physical and mental wellbeing • Social media • TV and music • Food • Body parts • At the doctor's • Environment issues • Fashion/clothes • School • Types of buildings • Job/skills/dreams • Accommodation/transport • Holidays <p>Grammar focus:</p> <ul style="list-style-type: none"> • Present, past and future tenses • Reflexive verbs • Imperfect tense • Conditional mood • Modal verbs • Complex clauses with "si" • Asking questions • Comparative & Superlative

Business Studies

- Promotional Mix
- Advertising
- Sales Promotion
- Market Segmentation
- Target Market
- Factors Influencing Promotion
- Financial Documents
- Methods of Payment
- Revenue, Cost, and Profit
- Statement of Comprehensive Income
- Statement of Financial Position
- Sources of Finance

GCSE P.E

- Bones of the body
- Movement of Skeletal system
- Functions of Skeletal system
- Muscles of the Body
- Synovial joint
- Joint movements
- Antagonistic muscle contraction
- Isotonic and isometric muscle contraction
- Concentric and eccentric muscle contractions
- Respiration
- Gaseous exchange
- Haemoglobin and oxyhaemoglobin
- Arteries, Veins and Capillaries
- Vasoconstriction
- Chambers of the heart
- Cardiac cycle
- Heart rate, stroke volume, cardiac output and anticipatory rise
- Ribs, intercostals and diaphragm
- Air pressure changes
- Lung volumes
- Equations of aerobic and anaerobic exercise
- causes and effects of EPOC
- process / benefits of different recovery methods
- sketch and label the different lever systems
- movements allowed at the elbow, knee, ankle, hip and shoulder
- sporting examples

Spanish

- Physical descriptions
- Character descriptions
- Family and friend relationships
- Free time activities
- Physical and mental wellbeing
- Social media
- TV and music
- Food
- Body parts
- At the doctor's
- Environment issues
- Fashion/clothes
- School
- Types of buildings
- Job/skills/dreams
- Accommodation/transport
- Holidays



IT'S ABOUT
REVISING
LITTLE BUT
OFTEN

- planes/axes, link to types of movement and sporting examples
- relationship between health and fitness
- different fitness components
- reasons for and limitations of fitness testing
- different fitness tests are administered
- how performance in tests can be measured qualitatively / quantitatively
- principles of training / overload
- types of training
- training thresholds/zones
- how to prevent injuries when training
- how high-altitude training is completed
- different training seasons
- structure of warm-up and cool-down



TIME MANAGEMENT TIPS ON HOW TO BE EFFICIENT

STAY ORGANISED

CREATE A REVISION TIMETABLE AND A TO DO LIST TO KEEP YOU ON TRACK WITH SCHOOL WORK AND REVISION.



TRY NOT TO PROCRASTINATE

TURN OFF THE TV AND PUT YOUR PHONE ON FLIGHT MODE WHILE STUDYING.



SET GOALS

SETTING GOALS WILL HELP YOU STAY FOCUSED WHEN REVISIONING.



STAY HEALTHY

EAT WELL AND EXERCISE. ENERGY LEVELS WILL BE HIGHER AND YOUR MIND WILL BE MORE FOCUSED.



TAKE BREAKS

DON'T FORGET TO SCHEDULE BREAKS. THIS COULD BE TAKING A WALK, STRETCHING OR MAKING A DRINK/SNACK.



BE FLEXIBLE

LEAVE ROOM IN YOUR SCHEDULE TO ADJUST TO UNEXPECTED EVENTS.

