

YEAR 10 REVISION LIST 2023

English	<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. 	
Maths	<p>Year 10 Foundation Revision Topics – Paper 1</p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Fractions • Fraction decimal percentage conversion • Square, cubes and roots • Multiplication and division • Proportion • Percentages • Conversion graphs <p><u>Shape</u></p> <ul style="list-style-type: none"> • Convert units • Angles • Perimeter • Construction • Draw a plan of a solid 	<p>Year 10 Higher Revision Topics – Paper 1</p> <p><u>Number</u></p> <ul style="list-style-type: none"> • Estimate calculations • Standard form • Recurring decimals • Error intervals and bounds • Ratio <p><u>Shape & Space</u></p> <ul style="list-style-type: none"> • Compound measure • Volume • Transformation • Speed distance time graphs <p><u>Algebra</u></p> <ul style="list-style-type: none"> • Indices



	<p><u>Algebra</u></p> <ul style="list-style-type: none"> • Sequences • Simplify algebraic expressions • Solve a linear equation • Solve inequalities • Indices <p><u>Handling Data & Probability</u></p> <ul style="list-style-type: none"> • Interpret a bar chart • Averages • Probability 	<ul style="list-style-type: none"> • Solve an inequality • Use a graph to solve equations • Algebraic fractions • Expand brackets <p><u>Handling Data & Probability</u></p> <ul style="list-style-type: none"> • Probability • Means • Histograms
Science	<p>https://hamblescience.co.uk/students/</p>	
	<p>Biology</p> <ul style="list-style-type: none"> • Cell Division and transport • Organisation • Plant tissues, organs and Bioenergetics • Infection and response 	<p>Chemistry</p> <ul style="list-style-type: none"> • Atomic Structure • The Periodic Table • Bonding and structure of substances • Properties of substances • Use of amount of substance in relation to volumes of gases • Reactions of Acids and Alkali's • Chemical changes • Energy changes in a system, and ways energy is stored before and after changes
		<p>Physics</p> <ul style="list-style-type: none"> • Electricity • Series and parallel circuits • Particle model of matter • Radiation and Atoms



French

- **Holidays and accommodation**
 - Activities you do on holidays and what you did during your last holidays (past tense)
 - Talking about the weather
 - Types of accommodation and comparisons
 - The best and the worst about your holidays
- **Technology and social media**
 - Use of POUR to talk about your use of apps.
 - Advantages and disadvantages of technology and compare to the past.
 - Social media. Is it good or bad?
- **Jobs and earning money**
 - Talk about the jobs you would like to do in the future.
 - What do you do to earn money?
 - Advantages and disadvantages of working from home.
 - Saying why languages are good for a job.
- **Your area**
 - Places in town and directions
 - Opinions about shops and your last visit to town.
 - What you can do in your town using modal verbs.
 - Pros and cons of the city.
- **Global and social issues**
 - Saying what global and social issues are the most important to you.
 - Volunteering abroad? Use the conditional.
 - What is a healthy lifestyle?

Grammar:

- Present tense
- Passé composé
- Imperfect
- Conditional
- Near future
- Simple future
- Modal verbs
- Comparisons and superlatives



Spanish

- **Holidays and accommodation**
 - Activities you do on holidays and what you did during your last holidays (past tense)
 - Talking about the weather
 - Types of accommodation and comparisons
 - The best and the worst about your holidays
- **Technology and social media**
 - Use of PARA to talk about your use of apps.
 - Advantages and disadvantages of technology and compare to the past.
 - Social media. Is it good or bad?
- **Jobs and earning money**
 - Talk about the jobs you would like to do in the future.
 - What do you do to earn money?
 - Advantages and disadvantages of working from home.
 - Saying why languages are good for a job.
- **Your area**
 - Places in town and directions
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 - What you can do in your town using modal verbs.
 - Pros and cons of the city.
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 - Volunteering abroad? Use the conditional.
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Grammar:

- Present tense
- Preterite
- Imperfect
- Conditional
- Near future
- Simple future
- Modal verbs
- Comparisons and superlatives



Geography	<p>Paper 1 UK Physical Landscapes</p> <ul style="list-style-type: none"> • Coasts in the UK – processes, landforms and management • Coast examples: Dorset coastline and West Bay • The Living World – Small Scale Ecosystems, Tropical Rainforests and Hot Deserts • The Living World examples: Hedgerows, Malaysia rainforest, The Sahara desert • The Challenge of Natural Hazards – Tectonic Hazards, Weather Hazards and Climate Change • The Challenge of Natural Hazards examples: Nepal and New Zealand earthquakes, Typhoon Haiyan, Storm Eunice <p>Paper 2</p> <ul style="list-style-type: none"> • Urban Challenges in cities in LICs, NEEs and HICs • Urban examples: Southampton (HIC) and Rio de Janeiro • The Challenge of Resource Management in the UK (Energy, water and food) • Fieldwork in Swanage <p>GCSE Pods Paper 1: https://members.gcsepod.com/pupils/assignments/assignment/1010082 GCSE Pods Paper 2: https://members.gcsepod.com/pupils/assignments/assignment/1010085 BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc</p>
History	<p>Exam 1: Cold War and Early Elizabethan England Exam 2: Weimar & Nazi Germany</p> <p>Revision guides for each unit are placed on Class Charts. All content inside could be used for the questions There is also a shortened down target grade 4-5 revision guide on Class Charts Model answer booklet for exam technique will also be on Class Charts</p>



Religious Studies	<p>Students need to revise the following 4 topics:</p> <ol style="list-style-type: none"> 1. Relationships and Family - Family Life, Sex & Relationships, Contraception, Marriage, Divorce and Gender Discrimination. 2. Religion and Life - Origins of the universe and life, stewardship, abortion, Euthanasia and Life after Death. 3. Crime and Punishment - Crime, Punishment, The Death Penalty, Good, Evil and Suffering. 4. Human Rights and Social Justice - Human Rights, Prejudice and Discrimination, Discrimination, Social Justice, Wealth Inequality.
Computer Science	<ul style="list-style-type: none"> • Converting between binary, denary and hexadecimal <ul style="list-style-type: none"> ○ Binary maths including overflow ○ Binary shifts • Logic gates and truth tables for all circuits • Computer software and computer systems <ul style="list-style-type: none"> ○ System, operating etc • Hardware components • Ethical side of computing • Types of programming language • Data types <ul style="list-style-type: none"> ○ Bits, bytes etc ○ Data representation • Networks • Cyber security • Databases
Business Studies	<ul style="list-style-type: none"> • Finance <ul style="list-style-type: none"> ○ Variable and Fixed Costs ○ Revenue ○ Profit ○ Break Even ○ Margin of Safety ○ Sources of Finance • Types of research: <ul style="list-style-type: none"> ○ Primary ○ Secondary • Marketing:



	<ul style="list-style-type: none"> ○ Market Segmentation ○ Importance of a brand ○ Marketing Mix
Design & Technology	<ul style="list-style-type: none"> • User centered design • Material uses and properties • Material processes and removal of waste • Design brief and specification • CAD CAM • Automation • Industry and enterprise • Analysis • Maths in Design Technology • Source of origin • Energy
BTEC Engineering	<ul style="list-style-type: none"> • Engineering sectors • Mechanisms • Health and safety • SI units of measurements • Reading engineering drawings • Material properties • Tools, equipment and machinery



Food Preparation & Nutrition	<ul style="list-style-type: none"> • Proteins • Nutritional Analysis • Healthy Eating Guidelines • Diet-Related Health Problems • Why Food is Cooked and Heat Transfer • Preparing Food Safely • Food Miles and Carbon Footprint • Cultural, Religious and Moral Food Choices
Drama	<ul style="list-style-type: none"> • 'Blood Brothers' Play (Context, Themes, Characters and Events) • Vocal and Physical Skills • The use of space and interaction • Theatre Roles • Stage Configurations • Stage Areas • https://thehambleschoolcouk-my.sharepoint.com/personal/abowman_thehambleschool_co_uk/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fabowman%5Fthehambleschool%5Fco%5Fuk%2FDocuments%2FHamble%20Drama%20Resources%2FBlood%20Brothers%20Resources%20Component%201&view=0
Media Studies	<ul style="list-style-type: none"> • Technical Elements: Cinematography: shots, angles and movement; Sound: diegetic, non-diegetic, ambience; Editing: cuts, pace, continuity; Mise en scene: set/location, colour, costumes, props, lighting, blocking and performance • Cuffs: Police representation (positive/negative); Cast representation (social groups, diverse casting, stereotypes, etc.); Episode information: plot, narrative, genre, time aired, set/location; BBC, the watershed and the PSB; Social context and how issues raised in this episode impact the audience socially; Target audience • The Avengers: Cast representation (social groups, stereotypes, etc.); Episode information: plot, narrative, genre, time aired, set/location; Attitudes of the 1960s and how these are shown in the episode; How tension/suspense is shown in the episode; Target audience • Uses and Gratification Theory (and links to TV): <u>Diversion</u>: escape from reality and for entertainment; <u>Personal identity</u>: we identify ourselves in what/who we watch and connect on an emotional level;



	<p><u>Personal relationships</u>: as a result of our interaction with media, we reach out and communicate with other like-minded people and form relationships with others based on interests; <u>Surveillance</u>: we use media to gain information (think: news!)</p> <ul style="list-style-type: none"> • Promoting Media: Industry knowledge on Warner Brothers, BBFC, ASA, VSC; Media terms: conglomerate, convergence, vertical integration, intertextuality; Uses and Gratification theory (links to playing video games); Genre codes and conventions (links to all extracts of The <i>Lego</i> Movie); Representation theory (social groups, casting); Audience theory – how it appeals to a mass audience (children AND an older audience); Technical elements and examples from the following: <ul style="list-style-type: none"> - Theatrical poster - Individual posters - Ad break - Film trailer - Video game trailer
Music	<ul style="list-style-type: none"> • Revision Cards • Film: Little Shop of Horrors
BTEC Art	https://qualifications.pearson.com/content/dam/pdf/BTEC-Firsts/Art-and-Design/2012/Specification-and-sample-assessments/9781446936061_BTECFIRST_L12_AWD_AD_Iss3.PDF
GCSE Art	<p>To prepare, student should spend time designing their final piece and practicing some of the techniques. https://www.bbc.co.uk/bitesize/subjects/z6hs34j They should also spend some time finishing off their sketchbooks. This is the art section of BBC bitesize which has lots of helpful videos and hints.</p>
GCSE Photography	<ul style="list-style-type: none"> • Students can use this website to help them find relevant photographers work: https://www.ignant.com/category/photography/ https://thephotographersgallery.org.uk/ https://photographyrevision.com/50-photographers-to-study/ • Look at BBC bitesize for different types of photography and how to use different camera settings/lighting: https://www.bbc.co.uk/bitesize/guides/zgwpnbk/revision/1 • Students can use this website to choose their experiments outside of the lesson. All of these experiments are PhotoShop based and carefully broken down: https://www.youtube.com/c/QuentinCarpenterNatureofflowers



GCSE Physical Education

- Physical, emotional and social health, fitness and wellbeing
- The consequences of a sedentary lifestyle
- Energy use, diet, nutrition and hydration
- Classification of skills (basic/ complex, open/closed)
- The use of goal setting and SMART targets to improve and/or optimise performance
- Guidance and feedback on performance
- Mental preparation for performance
- Engagement patterns of different social groups in physical activity and sport
- Commercialisation of physical activity and sport
- Ethical and socio-cultural issues in physical activity and sport

