



21st July 2020

Dear Parents/Carers,

YEAR 10 SUMMER CONSOLIDATION WORK

We have been incredibly impressed with our Year 10 students and how they have adapted so quickly to remote learning. Their engagement both online and in school has been excellent, along with their maturity and resilience in what has been a challenging time. We are also incredibly grateful for the support shown by parents throughout the period of closure and have been overwhelmed by encouraging messages.

To support Year 10 students with their preparations for September, we have ensured that all subject areas have put together Personalised Learning Checklists for students. These will outline the topics that have been covered remotely during school closure and will allow students to identify any topics or specific material that they feel they need to revisit to secure their knowledge for their return to school in September. This material will be available on Microsoft Teams in the specific subject teams and channels. Within each subject team, staff have made lesson PowerPoints and accompanying material available in topic folders so that students can consolidate prior knowledge, as well as going over any work that may have been missed. Lesson recordings are also available in subject teams.

I would like to stress that this work is not compulsory, but it is an opportunity for students to consolidate their remote learning topics as required.

For English and Maths, the work which will be available for Year 10 students will differ slightly from this model and will look like:

Maths - Students can pick 20 days during the 6-week holiday and complete "5 a day" questions in their books. These will be revisited by their Maths teachers in September. This equates to 100 quick questions.

English - Students will be provided with a series of research tasks based on topical issues introduced during the last half term.

Please see overleaf for an overview of all topics covered across subjects during school closure. This may be a useful point of reference, but remember that all specific checklists and material to support consolidation in these areas will be available via Microsoft Teams.

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I am really looking forward to working with Year 11 from September and feel confident that we are going to enjoy a successful year. We will be in touch early in September with details of our parental information and guidance event, which will be useful in outlining our expectations for Year 11, along with support that will be available for students throughout the year.

Wishing you all a safe and restful summer holiday.

Yours sincerely,



Mrs Feast
Assistant Headteacher: Raising Standards

Subject	Topics Covered
English	<ul style="list-style-type: none"> -Narrative Writing -Descriptive Writing -Persuasive Writing
Maths Higher	<ul style="list-style-type: none"> -Vectors -Pythagoras and Trigonometry -Probability- Tree Diagrams -Probability- Venn Diagrams -Iterative Methods
Maths Foundation	<ul style="list-style-type: none"> -Pythagoras -Trigonometry -Solving Equations -Simultaneous Equations
Science Trilogy	<p>Trilogy Biology:</p> <ul style="list-style-type: none"> -Topic 4.4 Bioenergetics (photosynthesis and respiration); -Topic 4.7.1 & 4.7.2 Ecology (adaptations, factors affecting ecosystems, interdependence and competition, levels of organisation and how materials and cycled) <p>Trilogy Chemistry:</p> <ul style="list-style-type: none"> -Topics 5.8 Chemical analysis (Purity and formulations, chromatography and gas tests) -Topic 5.9 Chemistry of the Atmosphere (Composition and evolution of the atmosphere, greenhouse gases and climate change, atmospheric pollutants) <p>Trilogy Physics:</p> <ul style="list-style-type: none"> -Topic 6.6 Waves (Properties of waves, the wave equation, electromagnetic waves) -Topic 6.7 Electromagnetism (magnets, magnetic fields, electromagnetism and the motor effect) <p>AQA Specification can be found here: https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF</p>
Science Separates	<p>Biology</p> <ul style="list-style-type: none"> -Topic 7 Ecology <p>https://filestore.aqa.org.uk/resources/biology/specifications/AQA-8461-SP-2016.PDF</p> <p>Chemistry</p>

	<p>-Topic 5: Energy Changes -Topic 6: Rates & Equilibria -Topic 8: Chemical Analysis -Topic 9: Chemistry of the Atmosphere https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF</p> <p>Physics -Topic 6: Waves -Topic 7: Electromagnetism -Topic 8: Space https://filestore.aqa.org.uk/resources/physics/specifications/AQA-8463-SP-2016.PDF</p>
French	<p>Theme 2 – Local, National and International areas of interest Topic 1 – Travel and Tourism 1) Names of countries / cities 2) Transport and how you travel 3) Describing a holiday using different tenses (present, past and future) 4) Comparing different types of accommodation 5) Camping 6) Holiday activities 7) Accidents and complaints</p> <p>Theme 3 – Current and future Study and Employment Topic 1 – Education 1) Talking about school 2) saying what your school is like 3) School uniform and the rules 4) Talking about the good and the bad aspects of school</p>
German	<p>Theme 2- Education Topic 1 - My studies 1) School subjects 2) Describing teachers</p> <p>Topic 2 – Life and school 1) School system 2) school rules 3) Lunch and breaktime activities 4) The School building</p> <p>Topic 3 – Education post 16 1) Work experience 2) Apprenticeships 3) University life</p> <p>Topic 4 – Career choices and ambitions 1) Jobs and careers 2) Future plans 3) Ideal lifestyle</p>
Spanish	<p>Theme 2 – Local, National, and International areas of interest Topic 1 – Home 1) Describing your home 2) Describing where you live 3) Talking about the amenities in your area</p>

	<p>4) Advantages and disadvantages of living in the town or countryside</p> <p>Theme 3 – Current and Future Study and Employment</p> <p>Topic 1 – Education</p> <ol style="list-style-type: none"> 1) Talking about school 2) saying what your school is like 3) School uniform and the rules 4) Talking about the good and the bad aspects of school
Geography	<p><u>Unit of Study: The Challenge of Resource Management</u></p> <p>Energy:</p> <ul style="list-style-type: none"> -Global distribution of energy consumption and supply -Reasons for increasing consumption – economic development, pop growth, technology -Factors affecting supply – Local availability, cost of extraction, political factors/laws -Impacts of energy insecurity -Strategies to increase energy supplies – renewables -Fracking for non-renewable shale gas – positives and negatives -Sustainable Solutions – energy conservation, transport, demand reduction, technology use to increase efficiency -Local Renewable Energy Case Study – Rice Husks in Bihar <p><u>Unit of Study: The Living World</u></p> <p>Ecosystems:</p> <ul style="list-style-type: none"> -Characteristics of Ecosystems – Food webs/chains and nutrient cycle -Global Biomes – Distribution and characteristics -Lymm Dam Case Study – Small Scale Freshwater Ecosystem -The impacts of changes to an ecosystem <p>Tropical Rainforests:</p> <ul style="list-style-type: none"> -Distribution and characteristics – Climate, interdependence of biotic and abiotic factors -Plant and animal adaptations -Rates of deforestation -Amazon Rainforest Case Study Causes and impacts of deforestation – economic and environmental -Sustainable Management of Rainforests – Selective Logging, Conservation/Education, ecotourism, debt reduction, international agreements <p>Hot Deserts:</p> <ul style="list-style-type: none"> -Distribution and characteristics – Climate, interdependence of biotic and abiotic factors -Plant and animal adaptations -Thar Desert Case Study – Opportunities – Energy, Mineral extraction, Farming, tourism -Thar Desert Case Study - Challenges – Extreme temperatures, water supplies, inaccessibility -Threats to the desert – Desertification – Causes and Management Solutions
RPE	<p>Core Beliefs in Islam</p> <ul style="list-style-type: none"> -Homework – Living the Muslim Life – Ezzy & Faizan -The Importance of The Obligatory Acts -Homework: Shahadah -The Nature of Salah -Homework – Salah Locations -The Importance of Salah -Homework: A Very British Ramadan Documentary -Sawm -Homework – Zakat & Khums

	<ul style="list-style-type: none"> -Hajj -Homework: 12M Question -Jihad -Homework – Celebrations
History	<ul style="list-style-type: none"> -The Weimar Republic 1918-1929 -Hitler's Rise to Power 1919-1933 -Nazi Control and Dictatorship 1933-1939 -Life in Nazi Germany 1933-1939
Psychology	<p>Perception</p> <ul style="list-style-type: none"> -Sensation and perception -Visual cues and constancies -Visual illusions -Gibson's direct theory of perception – the influence of nature -Gregory's constructivist theory of perception – the influence of nurture -Factors affecting perception <p>Social Influence</p> <ul style="list-style-type: none"> -Conformity -Obedience -Prosocial behaviour -Crowd and collective behaviour
Creative iMedia	<ul style="list-style-type: none"> -Creating Interactive Media Products (LO1) -Creating a Multipage Website (LO1)
Business	-Recap of gross and net profit, gross profit and net profit margin, average rate of return, understanding financial information
Computing	<p>Component 1</p> <ul style="list-style-type: none"> -1.6 Network security -1.7 System software -1.8 Ethical and Legal <p>Component 2</p> <ul style="list-style-type: none"> -2.4 Logic gates -2.5 Translators and facilities of languages
Music	<ul style="list-style-type: none"> -Harmony -Melody -Structure -Text Setting and Word Painting -Texture -Tonality
Music Tech	<ul style="list-style-type: none"> -Unit 1 – the written exam -Unit 2 – Planning and delivering a concert
Drama	<p>Section A: Multiple choice quiz based on drama terminology, theatre roles and stage shapes.</p> <p>Section B: 'Hansel and Gretel' Set text exam questions.</p> <p>Section C: Live Theatre evaluation.</p>
GCSE PE	<p>Applied anatomy and physiology</p> <ul style="list-style-type: none"> -The structure and functions of the cardiorespiratory system -Anaerobic and aerobic exercise -The short- and long-term effects of exercise <p>Movement Analysis</p>

	<ul style="list-style-type: none"> -Lever systems, examples of their use in activity and the mechanical advantage they provide in movement -Planes and axes of movement
BTEC Sport	<p>Unit 1 Fitness for Sport and Exercise</p> <ul style="list-style-type: none"> -Components of fitness and the principles of training -Different fitness training methods -Fitness testing to determine fitness levels
Art	Coursework project 2- see MS Teams for detailed overview
Photography	Coursework project 2- see MS Teams for detailed overview
Fashion and Textiles	Botanical Project
Design Technology	<p>NEA Coursework</p> <ul style="list-style-type: none"> -Mind Map - Exploring the context -Moodboard - Inspirational Images -Product Analysis - 3 x Products ACCESS FM -Identifying The Problem -Client Profile - Target Market & Client Identified, Client Interview -Initial Concepts - First thoughts responding to context - sketching - Designer inspiration -Specification & Design Brief
Hospitality and Catering	<p>AC1.1 - Understand the importance of nutrition in menu planning</p> <p>AC1.2 - Comparing nutritional needs of specific groups</p> <p>AC1.3 - Explain characteristics of unsatisfactory nutritional intake</p> <p>AC1.4 - Explain how cooking methods impact on nutritional value</p> <p>AC2.1 - Explain Factors to consider when proposing dishes for menus</p> <p>AC2.2 - Explain how dishes on a menu address environmental issues</p> <p>AC2.3 - Explain how dishes on a menu meet customer needs</p> <p>AC 2.4 - Plan production of dishes</p>
Health and Social Care	<p>Health Care services</p> <ul style="list-style-type: none"> -Primary -Secondary -Tertiary -Allied Healthcare professionals <p>Social Care services</p> <ul style="list-style-type: none"> -Services for children and young people -Services for adults or children with specific needs -Services for older adults -Support workers -Types of care -Informal social care <p>Barriers to services</p> <ul style="list-style-type: none"> -Physical barriers -Sensory barriers -Language barriers -Geographical barriers -Social, cultural and psychological barriers -Intellectual barriers -Resource barriers -Financial barriers