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Queen Elizabeth's Girls' School

Educating Women of the Future

Geography - Year 10 - Autumn, Spring and Summer Terms

Autumn term 1st half		
Unit of work	Knowledge	Skills
Paper 2 UK Geographical Issues: UK's evolving human landscape	<ul style="list-style-type: none"> ● Overview of the UK's human landscape to include: <ul style="list-style-type: none"> ○ Population, economic activities and settlements are key aspects of the human landscape ○ How the UK economy and society is linked and shaped by the wider world ● Dynamic Cities - Case study of London to show how it is changing: <ul style="list-style-type: none"> ○ London's context influences its function and structure ○ How London is changing through employment services and the movement of people 	<ul style="list-style-type: none"> ● Use and interpretation of UK population pyramids from different time periods ● Use of census data to understand changes to the UK's population ● Use of data to investigate FDI and immigration to the UK ● Use census data for London to compare different areas of the city e.g Newham and Richmond
<p>Key Terms: Urban, rural, population density, enterprise zones, national migration, international migration, immigration, emigration, globalisation, free-trade policies, privatisation, FDI (foreign direct investment), TNCs (trans-national companies), site, situation, CBD (central business district), function</p>		
<p>Course Materials: All lessons and resources are available to access via your daughter's Google Classroom</p>		
<p>Homework will include: Preparation for key word and spelling test, exam practice questions, revision for Development Dynamics assessment (see below)</p>		
<p>Assessment details: Closed book assessment on Paper 1 Development Dynamics (which was studied in Summer Term of Year 9 and start of Autumn Term 1). This will take the format of GCSE style questions – multiple choice questions, short answer questions, calculate questions, extended writing questions (command word assess / evaluate – P1 (AO2 and AO3)</p> <p>When will the assessment take place? Mid to late September</p>		



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Autumn term 2nd half		
Unit of work	Knowledge	Skills
Paper 2 UK Geographical Issues: UK's evolving human landscape	<ul style="list-style-type: none"> ● Dynamic Cities - Case study of London to show how it is changing: <ul style="list-style-type: none"> ○ As London changes it creates challenges and opportunities ○ Ways in which London has attempted to be improved e.g. regeneration, rebranding and sustainable strategies ○ How London is interdependent with surrounding rural areas ○ How rural areas are changing and the challenges and opportunities that this brings 	<ul style="list-style-type: none"> ● Use of 1:25000 and 1:50000 OS maps to identify different land use types ● Using crime and IMB databases to investigate the extent of inner-city problems
<p>Key Terms: de-industrialisation, de-centralisation, rural-urban fringe, urban sprawl, gentrification, studentification, regeneration, rebranding, sustainable, counter-urbanisation, interdependent, accessible rural area, rural diversification</p>		
<p>Course Materials: All lessons and resources are available to access via your daughter's Google Classroom</p>		
<p>Homework will include: Preparation for key word and spelling test, exam practice questions to include 'Investigating a UK Geographical Issue' extended writing question, revision for closed book linear assessment</p>		
<p>Assessment details: Closed book linear assessment to include questions on Development Dynamics and UK's evolving human landscape. This will take the format of GCSE style questions – multiple choice questions, short answer questions, calculate questions, extended writing questions (command word assess / evaluate – P1 (AO2 and AO3); P2 (AO3 and AO4)</p> <p>When will the assessment take place? Fortnight after October half term.</p>		



Spring term 1st half		
Unit of work	Knowledge	Skills
<p>Paper 2 UK Geographical Issues: UK's evolving physical landscape</p>	<p>Overview of the UK's physical landscape:</p> <ul style="list-style-type: none"> • How geology, past tectonic and glacial processes have influenced the physical landscape of the UK • Characteristics and distribution of the UK's main rock types • How physical and human processes work together to create distinct UK landscapes - upland and lowlands <p>Coastal change and conflict:</p> <ul style="list-style-type: none"> • How coastal landscapes are influenced by geology and physical processes (weathering, erosion, transport and deposition) • How coastal landscapes are changed by human activity interacting with physical processes • How climate change is increasing the risk of coastal flooding and the threats this brings to people and the environment • How coastal areas can be managed - hard and soft engineering options 	<ul style="list-style-type: none"> • Identifying common glacial, fluvial and coastal landscapes and features from photos • Using simple geological cross-sections to show the relationship between geology and relief • Locating key physical features on UK maps • Recognition of physical and human geography features on 1:25000 and 1:50000 OS maps • Calculation of average rates of erosion using a multi-year data set • Use of cost-benefit analysis to investigate coastal defence options
<p>Key Terms: geology, igneous rock, metamorphic rock, sedimentary rock, upland landscape, lowland landscape, weathering, erosion (abrasion, hydraulic action, attrition, solution), transport (traction, saltation, suspension, solution), deposition, agriculture, concordant, discordant, longshore drift, swash, backwash, constructive wave, destructive wave, hard engineering techniques, soft engineering techniques</p>		
<p>Course Materials: All lessons and resources are available to access via your daughter's Google Classroom</p>		
<p>Homework will include: Preparation for key word and spelling test, exam practice questions, revision of overview of UK's evolving physical landscape and coasts topics</p>		
<p>Assessment details: Closed book assessment to be completed in class - this will take the format of GCSE style questions – multiple choice questions, short answer questions and calculate questions</p> <p>When will the assessment take place? Fortnight before February half term</p>		



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Spring term 2nd half		
Unit of work	Knowledge	Skills
Paper 2 UK Geographical Issues: UK's evolving physical landscape	<p>River processes and pressures:</p> <ul style="list-style-type: none"> • How river landscapes contrast between the upper, middle and lower course • How processes of erosion, transport and deposition contribute to the formation of river landforms • Influence of climate geology and slope processes on river landscapes • Physical and human factors influence on storm hydrographs • Physical and human causes of flooding • INcreasing risks from river flooding and the threats to people and the environment • How rivers can be managed through hard and soft engineering techniques 	<ul style="list-style-type: none"> • Use of 1:25000 and 1:50000 OS maps to determine valley cross-section from contour lines • Recognition of river landforms on 1:25000 and 1:50000 OS maps • Drawing simple storm hydrographs using rainfall and discharge data • Use of simple cost-benefit analysis to investigate river management options
<p>Key Terms: upper course, middle course, lower course, river long profile, interlocking spur, meander, waterfall, flood plain, levee, oxbow lake, delta, storm hydrograph, lag-time, drainage basin, antecedent rainfall, hard engineering, soft engineering</p>		
<p>Course Materials: All lessons and resources are available to access via your daughter's Google Classroom</p>		
<p>Homework will include: Preparation for key word and spelling test, exam practice questions, revision for formal assessment</p>		
<p>Assessment details: Closed book assessment on Paper 1 Development Dynamics and Paper 2 UK's evolving human landscape. This will take the format of GCSE style questions – multiple choice questions, short answer questions, calculate questions, extended writing questions (command word assess / evaluate – P1 (AO2 and AO3) / P2 (AO3 and AO4)</p> <p>When will the assessment take place? Fortnight before Easter holiday</p>		



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Summer term 1st half		
Unit of work	Knowledge	Skills
Paper 2 UK Geographical Issues: Geographical Investigations - River fieldwork	<ul style="list-style-type: none"> Investigating how and why drainage basin and channel characteristics influence flood risk for people and property along Debden Brook / Loughton Brook 	<ul style="list-style-type: none"> Formulating enquiry questions Selecting fieldwork methods Carrying out primary data collection Researching secondary data Processing and presenting fieldwork data Analysing and explaining data Drawing evidenced conclusions Reflecting critically on fieldwork data, methods used and conclusions drawn
Key Terms: Primary data, secondary data, qualitative data, quantitative data, GIS, mean, mode, median		
Course Materials: All lessons and resources are available to access via your daughter's Google Classroom		
Homework will include: Contribution to groups' 'scientific poster', exam practice questions		
Assessment details: N/A		
When will the assessment take place? N/A		



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Summer term 2nd half		
Unit of work	Knowledge	Skills
Paper 1 Global Geographical Issues: Challenges of an urbanising world	<p>Overview of rapid urbanisation and contrasting global urban trends to include:</p> <ul style="list-style-type: none"> ● Past, current and future trends of global urbanisation ● Global pattern of megacities ● Socio-economic processes contributing to urbanisation ● Contrasting urban economies - developing, emerging and developed countries ● How cities change over time ● Characteristics of different urban land uses Mumbai case study - to show how quality of life varies within it: ● Site, situation and connectivity of Mumbai and how this has influenced its growth, function and structure ● Past and present trends in Mumbai's urban growth ● The opportunities and challenges created as a result of rapid population growth in Mumbai ● How quality of life in Mumbai can be improved: <ul style="list-style-type: none"> ○ Advantages and disadvantages of a top down approach (Vision Mumbai) ○ Advantages and disadvantages of a community / NGO led bottom-up strategy 	<ul style="list-style-type: none"> ● Use and interpretation of line graphs and calculating rate of change / annual or decadal percentage growth ● Using satellite images to identify different land use zones in urban areas ● Use of GIS / satellite images, historic images and maps to investigate spatial growth of Mumbai ● Using quantitative and qualitative information to judge the scale of variations in quality of life
<p>Key Terms: urbanisation, megacity, urban to rural migration, push factor, pull factor, developing country, emerging country, developed country, formal employment, informal employment, urbanisation, suburbanisation, de-industrialisation, counter-urbanisation, regeneration, CBD (central business district), site, situation, suburbs, rural-urban fringe, quality of life, top-down development strategies, bottom-up development strategies, sustainable, NGO (non-governmental organisation)</p>		
<p>Course Materials: All lessons and resources are available to access via your daughter's Google Classroom</p>		
<p>Homework will include: Preparation for key word and spelling test, exam practice questions, revision for Year 10 mock exam</p>		
<p>Assessment details: Year 10 mock exam - Paper 1 Development Dynamics (30 mins) followed by Paper 2 UK Geographical Issues (1 hour 15 mins). This will take the format of GCSE style questions – multiple choice questions, short answer questions, calculate questions, extended writing questions (command word assess / evaluate – P1 (AO2 and AO3) / P2 (AO3 and AO4)</p> <p>When will the assessment take place? During Year 10 mock examinations (mid to late June)</p>		