

Year 9 Curriculum Map 2023-24

Topic	Content	Previous Learning	Next Steps
9.1 World of Work	<p>Define the four sectors of employment and give examples of jobs within each sector</p> <p>Describe the current employment structure of the UK, and explain how and why this has changed over time.</p> <p>Compare employment structures for other countries across the world</p> <p>Recognise the different types of farming that are practised in the UK</p> <p>Describe and explain the pattern of farming in the UK and explain how and why farming practices have changed over time</p> <p>Explain the factors that influence the location of manufacturing industry and make and justify decisions about location of industry</p> <p>Describe the differences between convenience and comparison goods. Explain how and why retail experiences and practices have changed over time</p> <p>Carry out an enquiry about a land use survey in Bury St Edmunds.</p>	<p>KS3</p> <p>Year 8</p> <p>8.5 Development & Population Identify human and environmental factors which explain uneven development, with reference to DRC, Africa. Explain the impact of child labour in developing countries in Asia (including Bangladesh and Laos)</p> <p>8.4 Weather & Climate Investigate microclimates in the school grounds</p>	<p>KS4</p> <p>1.3 UK Environmental challenges Humans use, modify and change ecosystems and environments to obtain food, energy and water. Mechanisation of farming to provide food</p> <p>2.2 People of the planet The world is developing unevenly. Different development indicators, including GNI per capita, Human Development Index and Internet Users, and the advantages and disadvantages of these indicators.</p>

<p>9.2 Environmental Challenges</p>	<p>Identify different types of pollution, including air pollution</p> <p>Assess the causes and effects of poor air quality</p> <p>Describe and explain the importance of the carbon cycle</p> <p>Investigate carbon stores</p> <p>Evaluate the positive and negative aspects of oil drilling</p> <p>Make and justify decisions about a potential oil drilling site</p> <p>Describe and explain the causes and impacts of environmental damage</p> <p>Describe and explain the issue of climate change</p> <p>Consider alternative views about climate change</p> <p>Evaluate some of the solutions suggested in dealing with climate change</p> <p>Examine the causes, impacts and solutions to the problem of plastics in our oceans</p>	<p>KS3</p> <p>Year 7</p> <p>7.2 Our island home. Carry out a short investigation of air quality on the school grounds using lichen as an indicator</p> <p>7.3 Our Planet Explain why the atmosphere is essential for life on Earth, and how it is being modified by human activity.</p> <p>Year 8</p> <p>8.4 Weather & Climate Explain causes and effects of climate change in different areas of the world. Examine the threats to coral reefs, including climate change, and how they are being protected</p>	<p>KS4</p> <p>2.3 Environmental threats to our planet There are a number of possible causes of climate change. How human activity is responsible for the enhanced greenhouse effect which contributes to global warming. Climate change has consequences.</p>
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<p>9.3 Going Global</p>	<p>Define 'globalisation'</p> <p>Describe and explain the positive and negative aspects of globalisation</p> <p>Define 'trade' and explain its changing scale</p> <p>Assess the positive and negative elements of trade</p> <p>Define the term 'economic development' and describe how this varies across the world</p> <p>Identify some different measures that are used to indicate economic developments, such as GNI Per Capita</p> <p>Discuss and evaluate the impacts of transnational corporations</p> <p>Investigate conflict over the use and ownership of areas of the South China Sea.</p> <p>Complete a business location survey as part of a fieldwork for a decision-making exercise to choose the best location for a new coffee shop in Bury St Edmunds town centre.</p>	<p>KS3</p> <p>Year 8</p> <p>8.5 Development & Population Define different social, economic, and environmental development indicators. Explain the reasons for China's rapid economic growth and the environmental impacts</p> <p>Year 9</p> <p>9.1 World of Work Explain the factors that influence the location of manufacturing industry and make and justify decisions about location of industry</p> <p>Describe the differences between convenience and comparison goods. Explain how and why retail experiences and practices have changed over time.</p>	<p>KS4</p> <p>1.2 People of the UK Overview of the UK's current major trading partners to include principal exports and imports. An understanding of the UK's geographical diversity through patterns of employment, average income, life expectancy, educational attainment, ethnicity and access to broadband</p> <p>2.2 People of the planet The world is developing unevenly. Different development indicators, including GNI per capita, Human Development Index and Internet Users, and the advantages and disadvantages of these indicators. Outline the reasons for uneven development, including the impact of colonialism on trade and the exploitation of natural resources</p> <p>3. Geographical fieldwork for Paper 3.</p>
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<p>9.4 Getting GCSE Ready</p>	<p>Identify and interpret a range of graphs used in Geography e.g. line graphs, bar graphs, pie charts, dispersion graphs, choropleth maps, isoline maps, proportional symbols, desire lines, cross sections</p> <p>Identify and interpret a range of different types of map used in geography – physical, political, street maps, weather, thematic maps</p> <p>Analyse geographical data using a range of numeracy skills – measures of central tendency (mean, median, mode), range, interquartile range, percentage change</p> <p>Deepen the understanding of different concepts in fieldwork, including primary and secondary data, qualitative and quantitative data, different sampling methods, reliability, accuracy and bias</p> <p>Using a Geographical Information System (GIS) to present geographical data on a digital map.</p>	<p>KS3</p> <p>Year 7</p> <p>7.1 Geographic Skills Measure distance using a scale bar Interpret OS maps using distance and direction, map symbols, grid references and contour lines.</p> <p>7.4 Water & rivers Analyse virtual fieldwork data using the Bradshaw model</p> <p>7.6 Exploring places Carry out fieldwork on the school site using a bi-polar survey, collating results and presenting findings.</p> <p>Year 8</p> <p>8.3 Geography Rocks Investigate why the Peak District is an adventure landscape using OS Maps</p> <p>8.4 Weather & Climate Investigate microclimates in the school grounds</p>	<p>KS4</p> <p>3. Geographical Skills & Fieldwork With respect to cartographic skills, interpret cross-sections and understand coordinates, scale and distance; extract, interpret, analyse and evaluate information; use and understand gradient, contour and spot; and describe, interpret and analyse geo-spatial data presented in a GIS framework.</p> <p>With respect to graphical skills, be able to select, adapt and construct appropriate graphs and charts, using appropriate scales and annotations to present information; effectively present and communicate data through graphs and chart; and extract, interpret, analyse and evaluate information.</p> <p>With respect to numerical and statistical skills, demonstrate an understanding of number, area and scale; correctly use proportion, ratio, magnitude and frequency; understand and correctly use median, mean, range, quartiles and inter-quartile range, mode and modal class; calculate design fieldwork data collection sheets and collect data with an understanding of accuracy, sample size and procedures, control groups and reliability.</p>
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<p>9.5 Restless Earth</p>	<p>Describe and explain the concept of Continental Drift</p> <p>Explain the importance of the Mid Atlantic Ridge</p> <p>Identify the different layers of the Earth's structure</p> <p>Describe and explain the theory of Plate Tectonics</p> <p>Describe and explain where and why earthquakes happen</p> <p>Describe the impacts of an earthquake using a case study</p> <p>Assess the possibility of predicting an earthquake</p> <p>Explain the formation of fold mountains such as the Himalayas</p> <p>Decide how and why people can best prepare for and protect against earthquake damage</p> <p>Describe and explain the cause and impacts of a tsunami</p> <p>Describe different types of volcano, and explain how and why they erupt</p> <p>Map the location of volcanoes using latitude and longitude</p> <p>Explain the formation of the islands of Hawai'i</p> <p>Define a supervolcano and produce a report dealing with the effects of a possible supervolcano eruption.</p>	<p>KS3</p> <p>Year 7</p> <p>7.3 Our Planet</p> <p>Locate the major layers of the solid Earth. Describe the main characteristics of each layer</p> <p>Understand what is meant by geological time and interpret a basic geological timeline</p> <p>7.6 Exploring places</p> <p>Explain what is meant by natural hazard, developing their own research questions to investigate a geologic or atmospheric hazard.</p> <p>Year 8</p> <p>8.3 Geography Rocks!</p> <p>Understand the concept of the geological timeline and place key events in chronological order. Revisit the rock cycle and understand key processes including weathering, erosion, cementation and compaction</p> <p>Evaluate the risks and benefits of living near active volcanoes.</p>	<p>KS4</p> <p>1.3 Environmental Threats to the planet</p> <p>Extreme weather conditions cause different natural weather hazards. Attempts to adapt & mitigate.</p> <p>3. Geographical skills</p> <p>Cartographic – Latitude & Longitude</p> <p>Numeracy – Frequency, magnitude</p> <p>Preparing for 'A level' Geography:</p> <p>The OCR Geography course at Abbeygate Sixth Form covers Earth's natural systems including Plate Tectonics and Tectonic Hazards.</p>
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