

How to help your child

Subject: Geography

	How to help your child
Year 7	<p><u>Romford Project</u></p> <ol style="list-style-type: none">1. Students will be given a physical OS Map of their local area. This can be used to explore your local area. The website below is a good resource for students to practice their map skills in an interactive way, allowing them to embed the skills learnt in lessons. https://www.ordnancesurvey.co.uk/mapzone <p><u>Fieldwork opportunities:</u> Using your OS Map identify human and physical features in their local area.</p> <p><u>Weather in the UK</u></p> <ol style="list-style-type: none">1. Visit the Met Office website below and explore weather forecasts. https://www.metoffice.gov.uk/2. Watch the documentary 'Britain's Wildest Weather'. https://www.channel4.com/programmes/britains-wildest-weather3. Visit the cloud appreciation society website below and explore the different types of clouds shown through different mediums. https://cloudappreciationsociety.org/4. Record your own weather diary. <p>For aspiring geographers; Read the following book -Very British Weather: Over 365 Hidden Wonders from the World's Greatest Forecasters, which should be available in the library for students to borrow.</p> <p><u>Fieldwork opportunities:</u> Students can choose an activity of their choice https://www.metlink.org/fieldwork-resource/top-10-ideas-for-weather-fieldwork/</p> <p>For aspiring geographers; Watch the live lesson below to see how weather equipment can be used to collect weather data https://www.youtube.com/watch?v=aeGKsE77vEO</p> <p><u>Tropical Rainforests</u></p> <ol style="list-style-type: none">1. Students can create a Tropical Rainforest Biome in a shoe box, using the information to help them from the website below. https://www.3dgeography.co.uk/rainforest-dioramas2. Read and watch the video with an optional quiz at the end to check their understanding of what has been covered. https://www.bbc.co.uk/bitesize/guides/zpmnb9g/revision/1 <p><u>Oceans</u> Explore the World's Oceans and their characteristics. https://earth.google.com › <i>web</i></p> <p>For aspiring geographers; Students to choose from any of the episodes here on the Blue Planet Series https://www.bbcearth.com/shows/blue-planet#episode-guide</p>

	<p><u>Plate Tectonics Introduction</u></p> <p>Watch the video clip from the BBC on Plate Tectonics https://www.youtube.com/watch?v=Ugwf6laE_k</p> <p>Visit the Natural History Museum, London. Entry to the Museum is free of charge and there is a Volcanoes and Earthquakes zone with an earthquake simulator.</p> <p>For aspiring geographers; Watch Earth: The power of the Planet episode 1 https://www.dailymotion.com/video/x854ygx</p> <p>Revision materials are given to students prior to assessments, please encourage your daughter to use these to revisit learning and have discussions about what they've learnt.</p>
<p>Year 8</p>	<p><u>UK Ocean Voyage</u></p> <p>Students can attempt the quiz here on 4 and 6 figure grid references. https://www.ordnancesurvey.co.uk/mapzone/map-quizzes/grid-references</p> <p>Go on an Ocean Voyage around the UK using Google Earth to explore the locations we have studied in class, such as Liverpool and Dorset. Students may use the street view feature, images and 3D view to show significant features.</p> <p><u>Climate Change</u></p> <p>Watch I am Greta documentary on BBC i-player https://www.bbc.co.uk/iplayer/episode/p090xz9z/i-am-greta</p> <p>For aspiring geographers; Watch A life on our planet: David Attenborough Documentary on Netflix</p> <p>Read the book, There is no planet B (updated) Mike Berners-Lee which should be available in the library for students to borrow.</p> <p>Read the book, The uninhabitable earth David Wallace-Wells which should be available in the library for students to borrow.</p> <p><u>Deserts</u></p> <p><u>Met Office Global Atmospheric Circulation Model Part 1- Differential Heating</u> https://www.youtube.com/watch?v=7fd03fBRsuU&list=RDCMUCylCbuzRsB92Gc1l8ru6VIg&index=1</p> <p>Watch the documentary series 'Inside Dubai- Playground of the Rich Episode 3. https://www.bbc.co.uk/iplayer/episode/p09wvs3m/inside-dubai-playground-of-the-rich-series-1-episode-3</p> <p>For aspiring geographers; <u>Met Office Global Atmospheric Circulation Model Part 2- The three cells</u> https://www.youtube.com/watch?v=xqM83_og1Fc&t=4s</p> <p><u>Earthquakes and Tsunamis</u></p> <p>BBC Bitesize- Earthquakes Guide https://www.bbc.co.uk/bitesize/guides/z3sg87h/revision/1</p>

	<p>Earthquakes- San Andreas(12A film) In the aftermath of a massive earthquake in California, a rescue chopper pilot makes a dangerous journey with his ex-wife across the state in order to rescue his daughter.</p> <p>BBC Bitesize- Tsunamis Guide https://www.bbc.co.uk/bitesize/guides/zbfrd2p/revision/1</p> <p>Tsunamis- The impossible (12A film)The story of a tourist family in Thailand caught in the destruction and chaotic aftermath of the 2004 Indian Ocean Tsunami. (Warning: The film has some visual imagery of injuries which can be disturbing).</p> <p>Visit the Natural History Museum, London. Entry to the Museum is free of charge and there is a Volcanoes and Earthquakes zone with an earthquake simulator.</p> <p><u>Race for the Arctic</u> Read the book Northern Lights Phillip Pullman</p> <p>Watch the film ‘The last igloo’. https://www.bbcselect.com/the-last-igloo-bbc-select/</p> <p>For aspiring geographers; Read the book ‘Prisoners of Geography’ Chapter 10 The Arctic which should be available in the library for students to borrow.</p> <p>Revision materials are given to students prior to assessments, please encourage your daughter to use these to revisit learning and have discussions about what they’ve learnt.</p>
Year 9	<p><u>Tropical Cyclones</u> Where do tropical cyclones form game https://www.metlink.org/_cyclone/index.html</p> <p>Using the website below, monitor current tropical cyclones and their movements. https://www.nhc.noaa.gov/</p> <p>How do tropical storms form? https://www.youtube.com/watch?v=4x11cqyUf74</p> <p>For aspiring geographers; Read Disaster by Choice by Ilan Kelman Page 58-68, which is available in the school library</p> <p><u>Deserts</u> Met Office Global Atmospheric Circulation Model Part 1- Differential Heating https://www.youtube.com/watch?v=7fd03fBRsuU&list=RDCMUCyICbuzRsB92Gc1l8ru6VIg&index=1</p> <p>Watch the documentary series ‘Inside Dubai- Playground of the Rich Episode 3. https://www.bbc.co.uk/iplayer/episode/p09wvs3m/inside-dubai-playground-of-the-rich-series-1-episode-3</p> <p>For aspiring geographers; <u>Met Office Global Atmospheric Circulation Model Part 2- The three cells</u> https://www.youtube.com/watch?v=xqM83_og1Fc&t=4s</p>

	<p><u>Race for the Arctic</u> Read the book Northern Lights Phillip Pullman</p> <p>Watch the film 'The last igloo'. https://www.bbcselect.com/the-last-igloo-bbc-select/</p> <p>For aspiring geographers; Read the book 'Prisoners of Geography' Chapter 10 The Arctic which should be available in the library for students to borrow.</p> <p><u>Volcanoes</u> <u>BBC Bitesize KS3 Volcanoes Guide</u> https://www.bbc.co.uk/bitesize/guides/zvnbkqt/revision/1</p> <p>Dante's Peak (12A film) A volcanologist arrives at a countryside town recently named the second most desirable place to live in America and discovers that the long dormant volcano, Dante's Peak, may wake up at any moment.</p> <p>Visit the Natural History Museum, London. Entry to the Museum is free of charge and there is a Volcanoes and Earthquakes zone with an earthquake simulator.</p> <p>Revision materials are given to students prior to assessments, please encourage your daughter to use these to revisit learning and have discussions about what they've learnt.</p>
<p>Year 10</p>	<p><u>Paper 1: Global Geographical Issues</u></p> <p>BBC Bitesize 6 learner guides; tectonic activity and plate boundaries, earthquakes and tsunamis, volcanoes and volcanic eruptions, tropical cyclones, atmosphere and climate and climate change https://www.bbc.co.uk/bitesize/topics/z3q9cwx</p> <p>Plate Tectonics, Earthquakes and Volcanoes -powerpoint from Geography Education Online https://geographyeducationonline.org/gcse/physical-geography/plate-tectonics-earthquakes-and-volcanoes</p> <p>Climate Change- powerpoint and quiz from Geography Education Online https://geographyeducationonline.org/gcse/physical-geography/the-greenhouse-effect-and-natural-causes-of-climate-change</p> <p>Tropical Cyclones- powerpoint and quiz from Geography Education Online https://geographyeducationonline.org/gcse/physical-geography/tropical-storms</p> <p>Global Atmospheric Circulation- powerpoint, quiz and lecture from Geography Education Online https://geographyeducationonline.org/gcse/physical-geography/global-atmospheric-circulation</p>

Development Dynamics; JCgeogsupport youtube

10 videos created for our specification by a Geography Teacher

<https://www.youtube.com/playlist?list=PLNit3sC3ycqk10KoQvu2CR4eY512zPzJo>

BBC Bitesize learner guide: development including India case study

<https://www.bbc.co.uk/bitesize/topics/z3j4rdm>

Challenges of an urbanising world; JCgeogsupport youtube

4 videos created for our specification by a Geography Teacher

<https://www.youtube.com/playlist?list=PLNit3sC3ycqnkqCuDhkDSRYh5gKAMoxz0>

Paper 2: UK Geographical Issues

BBC Bitesize 9 learner guides; coastal processes, coastal landforms, human activities on coastal management, river processes, river landforms, human management of rivers, UK landscapes, glacial processes, human activities and glaciation

<https://www.bbc.co.uk/bitesize/topics/zskbv4j>

Introduction to fieldwork skills

<https://www.bbc.co.uk/bitesize/guides/zq42ycw/revision/1>

Physical Processes - powerpoint from Geography Education Online

<https://geographyeducationonline.org/gcse/physical-geography/physical-processes---erosion-transportation-and-deposition>

River Severn Landforms- powerpoint and quiz from Geography Education

Online <https://geographyeducationonline.org/gcse/physical-geography/river-landforms-a-case-study-of-the-river-severn>

River Severn Management- powerpoint and quiz from Geography Education
Online

<https://geographyeducationonline.org/gcse/physical-geography/river-management-a-case-study-of-the-river-severn>

River Processes- powerpoint and quiz from Geography Education Online

<https://geographyeducationonline.org/gcse/physical-geography/river-processes>

The UK's distinctive landscape- powerpoint and quiz from Geography
Education Online

<https://geographyeducationonline.org/gcse/physical-geography/the-uks-distinctive-physical-landscapes>

UK's Physical Landscape- powerpoint and quiz from Geography Education
Online

<https://geographyeducationonline.org/gcse/physical-geography/uk-physical-landscapes>

	<p>Fieldwork and Enquiry Process https://www.field-studies-council.org/resources/14-16-geography/route-to-enquiry/ Revision materials are given to students prior to assessments, please encourage your daughter to use these to revisit learning and have discussions about what they've learnt.</p>
<p>Year 11</p>	<p><u>Paper 3: People and Environmental Issues</u></p> <p>BBC Bitesize learner guide- Ecosystems https://www.bbc.co.uk/bitesize/guides/zwfqnbk/revision/1 BBC Bitesize learner guide- Tropical Rainforest https://www.bbc.co.uk/bitesize/guides/zwy7sg8/revision/1</p> <p>Tropical Rainforests- powerpoint and quiz from Geography Education Online https://geographyeducationonline.org/gcse/physical-geography/investigating-tropical-rainforests</p> <p>Nutrient Cycles and Global Ecosystems- powerpoint and quiz from Geography Education Online https://geographyeducationonline.org/gcse/physical-geography/nutrient-cycles-and-global-ecosystems</p> <p>Revision website for our specification with a particular good focus on Paper 3 topics; People and the biosphere, Forests under threat and Consuming Resources https://studyrocket.co.uk/revision/gcse-geography-b-edexcel</p> <p>Seneca Learn for our specification https://senecalarning.com/en-GB/seneca-certified-resources/geography-gcse-edexcel-b/</p> <p>Revision materials are given to students prior to assessments, please encourage your daughter to use these to revisit learning and have discussions about what they've learnt.</p>