

Year 8 Geography Curriculum Map 2020-2021

The teachers at RMGS will be unable to teach lessons in school as well as monitor students who are self-isolating. Please read through the curriculum map and click on the suggested links. The key ideas are key words or questions that you may choose to research in more detail.

September - October

| Lesson overview | | Key ideas | Suggested reading and links to websites |
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| 1 | Changing local places | Consider your local area and how it has changed since you've lived there. 1) How has the area changed? 2) Has it changed for the better or worse? Justify your decision. Have all groups of people (old/young/female/male/different ethnicities?) been affected equally? 3) How might the area change in future? 4) What improvements could be made to your local area? 5) How might the area change negatively in the future? | |
| 2 | Changes in Rainham, Kent | Consider the area around Rainham Mark Grammar school. Use the wikipedia link about Rainham to summarise how Rainham has changed over time. | https://en.wikipedia.org/wiki/Rainham,_Kent |
| 3 | Changes in Medway, Kent | Consider the larger area around the school (Medway) and skim read the wikipedia page. Feel free to undertake any of your own research. You could also ask your relatives about changes in the area since they've been in Medway. Summarise how Medway has changed over time. | https://en.wikipedia.org/wiki/Medway |
| 4 | How do we classify different types of employment? | Rainham and Medway have changed considerably in the last 200 years. Employment has changed a lot. This Oak Academy lesson will educate you about the different types of employment. | https://classroom.thenational.academy/lessons/how-do-we-classify-different-types-of-employment-6rwp6d |
| 5 | How has employment changed in the UK and why? | Follow this Oak Academy lesson to learn about reasons for changes in | https://classroom.thenational.academy/lessons/how-do- |

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| | | employment in the UK and around the world. | employment-structures-differ-around-the-world-61jkac?activity=video&step=2&view=1 |
| 6 | Crime in Rainham | Use the link to explore crime in the roads around the school. You can zoom in and out, and you can click on the numbers for more details about the crimes. Summarise the crime that exists near the school. Then 'search another area' (your own postcode?) and summarise crimes in that area. | https://www.police.uk/your-area/kent-police/medway---twydall/?tab=CrimeMap |
| 7 | Traffic issues | Write down all the problems associated with different forms of transport. What is the 'best' form of transport to use to be environmentally friendly? Justify your decision. What is your preferred form of transport and why? What is the future of transport in the UK? Devise some strategies to encourage more people to walk/cycle/use public transport. | |

November

| Lesson overview | | Key ideas | Suggested reading and links to websites |
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| 1 | Antartica | <u>Answer the following questions:</u> <ol style="list-style-type: none"> 1. Where is Antartica? 2. Describe the climate. 3. What types of tourism related activities can you do there? 4. Who owns Antartica? 5. What impact do people have on the environment? 6. How can you reduce the environmental impact? | Antarctica: Ready for Winter Free Documentary:< https://www.youtube.com/watch?v=jDwwWg7ft7M >. |

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| 2 | Dubai | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. Where is Dubai? 2. Describe the climate? 3. What types of tourism related activities can you do there? 4. Who are the rulers in Dubai? 5. What are the issues associated with living in Dubai? 6. How can these challenges be overcome? 7. Is Dubai sustainable? | <p>Dubai Miracle or Mirage - Nat Geo Dubai Documentary:< https://www.youtube.com/watch?v=d2_OntCGttg>.</p> |
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December


| Lesson overview | | Key ideas | Suggested reading and links to websites |
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| 1 | Everest | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. Where is mount Everest? 2. Why do people visit Everest? 3. Describe Everest basecamp. 4. Would you recommend another basecamp being built? 5. Who would benefit from this new scheme? 6. What are the social, economic and environmental impacts of tourism on Mount Everest? 7. Create an argument outlining how you could build a basecamp on Everest whilst minimising the negative impacts on the environment. | <p>BBC: The Race for Everest - BBC Science Documentary 2016:< https://www.youtube.com/watch?v=rEJJZ0kBg6Us>.</p> |

January- February

| Lesson overview | | Key ideas | Suggested reading and links to websites |
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| 1 | Tectonics Introduction to geological timescale | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. What are geological timescales? Create a small fact file in your book. 2. Find a diagram on the structure of the earth and sketch the diagram in your books. 3. Then annotate this drawing with key facts e.g., you may wish to write | <p>A Brief History of Geologic Time:< https://www.youtube.com/watch?v=rWp5ZpJAIAE>.</p> |

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| | | about the composition, thickness and temperatures of the layers. | |
| 2 | Plate tectonics | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. What are tectonic plates? 2. Where are the main tectonic plates? Find a map of the tectonic plates. 3. What is the main driver of plate tectonics? 4. Define the following key words: <ul style="list-style-type: none"> • Plate tectonics • Convection currents • Destructive, conservative and convergent plate margins. | <p>Plate Tectonics Explained:< https://www.youtube.com/watch?v=kwfNGatxUJI>.</p> |
| 3 | Earthquakes | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. What causes earthquakes? 2. Describe the location of earthquakes. 3. Define the following key words: <ul style="list-style-type: none"> • Earthquakes • Plate tectonics • Seismic waves 4. What are the primary and secondary impacts of earthquakes. E.g., buildings collapsing. 5. How do scientists monitor earthquakes? 6. Compare and contrast HICs and LICs responses to earthquakes. | <p>Earthquakes 101 National Geographic:< https://www.youtube.com/watch?v=e7ho6z32yyo>.</p> |
| 4 | 5 Volcanoes | <p><u>Answer the following questions:</u></p> <p><u>What are volcanoes?</u></p> <ol style="list-style-type: none"> 1. Explain how volcanoes are formed. 2. Describe the different types of volcanoes and their structure. <ul style="list-style-type: none"> • Include sketches and locations. 3. Describe the distribution of volcanoes around the world. | <p>Volcanoes 101 National Geographic:< https://www.youtube.com/watch?v=VNGUdObDoLk>.</p> |
| 5 | How does tectonic activity affect people? | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. Explain why people live in tectonic areas. 2. Research why people live in tectonic areas. E.g., Near Mt. Etna or Yellowstone national park. 3. Define the following key words: <ul style="list-style-type: none"> • Risk • Hazard • Perception | <p>5 reasons to live near volcanoes:< https://www.youtube.com/watch?v=27PKn9csG18>.</p> |

| Lesson overview | | Key ideas | Suggested reading and links to websites |
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| 1 | The rivers of Great Britain | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> Where are the rivers of Great Britain? Print a blank outline of the UK. Then watch the video and draw on some of the key rivers in the UK. | <p>Locate and name major rivers in the UK:< https://www.youtube.com/watch?v=AMu5D6ToZv8>.</p> |
| 2 | The water cycle and drainage basin | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> What is the water cycle? In your books, sketch the water cycle (include diagrams). Write a small explanation of how a water molecule moves through the cycle. | <p>The Water Cycle:< https://www.youtube.com/watch?v=al-do-HGulk>.</p> |
| 3 | River processes | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> Research the following key words. Include an image or sketch for each of the key words. <ul style="list-style-type: none"> Erosion, Transportation, deposition in rivers. Erosion Transportation Deposition Vertical Lateral erosion Velocity Explain how rivers transport material in rivers; to be able to link erosion, transportation and deposition to rivers. Create an information leaflet on river processes. | <p>River erosion processes (EE):< https://www.youtube.com/watch?v=hAaHwU3vhIE>.</p> <p>River transportation processes (EE):< https://www.youtube.com/watch?v=8EIoBao-Uvl>.</p> |
| 4 | Erosional landforms in the upper course | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> What are the fluvial landforms found in the upper course? Research the following key words. Include a small annotated sketch for each feature. <ul style="list-style-type: none"> Interlocking spurs Waterfalls Rapids V-shaped valleys | <p>What types of Landforms are made by Rivers? :< https://www.youtube.com/watch?v=XJ_FNS8Z_ek&t=135s>.</p> |
| 5 | Landforms in the middle and lower course. | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> What are the fluvial landforms found in the middle and lower courses? | |

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| | | <p>2. Research the following key words. Include a small annotated sketch for each feature.</p> <ul style="list-style-type: none"> • Meanders • Ox-bow lakes • Flood plains • Levees • Estuaries • Deltas | |
| 6 | Weathering in rivers | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. Explain how material is broken down and then transferred to rivers. 2. What are the different types of weathering? 3. Research the following key words. Include a small annotated sketch for each feature. <ul style="list-style-type: none"> • Biological • Chemical • Mass movement • Flow • Soil creep • Sliding • Slumping • Mechanical | <p>Types of weathering:< https://www.youtube.com/watch?v=2yJZES3bDOY>.</p> |
| 7 | Billy the boulder | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. Write a story about a boulder traveling from the upper course to the lower course. 2. You will need to include key terms and define them. 3. Mention all river landforms 4. Demonstrate your knowledge of erosion, transport, deposition and weathering in rivers. |  |

May- July

| Lesson overview | | Key ideas | Suggested reading and links to websites |
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| 1 | China: an overview | <p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> 1. Where is China? Describe the location in your books. 2. Watch one video and make notes on Chinese culture. | <p>10 Fun Facts about China for Children Video:< https://www.youtube.com/watch?v=iEueKpWKAI>.</p> |

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| | | <ol style="list-style-type: none"> Find a blank map of china and add the physical (think mountains, rivers, etc). and human features to the map. What are the key physical features in China? Write a small overview. Find a recent news article about China. Stick the article in your book and explain what it shows about the country. | The Animated History of China Part 1: < https://www.youtube.com/watch?v=YP1qjTzxQNE >. |
| 2 | Communism in China | <u>Answer the following questions:</u> <ol style="list-style-type: none"> What is communism? Explain how communism in China and how it has affected the changes in China. What happens to websites or people that criticise the government? | How Does China's Government Work? : < https://www.youtube.com/watch?v=fgor9fmA6po >. |
| 3 | The one child policy | <u>Answer the following questions:</u> <ol style="list-style-type: none"> Research the following: population issues in China: <ul style="list-style-type: none"> Overpopulation One Child Policy Ageing Population Was the one child policy a success? Watch the video and create a mind map on the policy. Explain how the one child policy has affected people. | China One Child Policy GCSE Geography Edexcel B: < https://www.youtube.com/watch?v=UW79Albgufo >. |
| 4 | Life in urban China | <u>Answer the following questions:</u> <ol style="list-style-type: none"> What is urbanisation? What is life like in the cities? What businesses are found there? Describe on Chinese city and the attractions found there. | Urbanisation in China The Economist: < https://www.youtube.com/watch?v=Kc2DtUehi48 >. |
| 5 | Life in rural parts of China | <u>Answer the following questions:</u> <ol style="list-style-type: none"> What is life like in rural china? Define migration. What are push and pull factors? Write a story about a villager moving to the city. What are their reasons for migrating? | Left Behind In Rural China Get Real Channel NewsAsia Connect: < https://www.youtube.com/watch?v=m-Czk35CIEk >. |