

KS4

Geography

Exam Details:

Exam Board: WJEC EDUQAS B

Exam consists of three papers:

Paper 1 – Investigating geographical issues

(1hr 45min)

Paper 2 – Problem solving geography
(1hr 30min)

Paper 3 – Applied fieldwork enquiry
(1hr 30min)

Topic - Coasts	Support	R	A	G	RC
1. Types of waves – characteristics, reasons for them and where they are found.	https://www.bbc.co.uk/bitesize/guides/zpx9qtl/revision/1				
2. Types of erosion – what are they and what do they mean.	https://www.bbc.co.uk/bitesize/guides/zpx9qtl/revision/4				
3. Types of transportation – what are they and what do they mean.	https://www.bbc.co.uk/bitesize/guides/zpx9qtl/revision/5				
4. Types of weathering – what are they and what do they mean.	https://www.bbc.co.uk/bitesize/guides/zpx9qtl/revision/2				
5. Types of mass movement – what are they and what do they mean.	https://www.bbc.co.uk/bitesize/guides/zpx9qtl/revision/3				
6. Bays & headlands – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/zw8b6fr/revision/1				
7. Wave cut-platforms – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/zw8b6fr/revision/1				
8. Stacks – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/zw8b6fr/revision/1 https://www.bbc.co.uk/bitesize/guides/zw8b6fr/revision/3				
9. Deposition – what is it and what factors affect it.	https://www.bbc.co.uk/bitesize/guides/zpx9qtl/revision/6				
10. Longshore drift – what is it and how does it work.	https://www.bbc.co.uk/bitesize/guides/zt6r82p/revision/5				
11. Spits & bars – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/zw8b6fr/revision/2 https://www.bbc.co.uk/bitesize/guides/zw8b6fr/revision/3				
12. Beaches – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/zw8b6fr/revision/2				
13. Sand dunes – how and why do they form and how do they change over distance from the sea.	https://www.bbc.co.uk/bitesize/clips/zxd7v7y				
14. Hard engineering – what are the options, how do they work, and what are the positive and negatives of each.	https://www.bbc.co.uk/bitesize/guides/z38dy4l/revision/1				
15. Soft engineering – what are the options, how do they work and what are the positives and negatives of each.	https://www.bbc.co.uk/bitesize/guides/z38dy4l/revision/2 https://www.bbc.co.uk/bitesize/guides/z38dy4l/revision/3				
16. Shoreline management plans (SMPs) – what are they and what factors affect decisions.	https://www.bbc.co.uk/bitesize/guides/z38dy4l/revision/5 https://www.bbc.co.uk/bitesize/guides/z38dy4l/revision/4				
17. Borth, Wales – what is the SMP for Borth and why was this chosen.	https://www.bbc.co.uk/bitesize/guides/zttfqhv/revision/4				
18. Sea level rise – why is it happening, what could the effects (SEE) be and why are some coastal communities more at risk.	https://www.bbc.co.uk/bitesize/guides/z3ohvfr/revision/1				

Topic - Rivers	Support	R	A	G	RC
1 - Types of erosion – what are they and what do they mean.	https://www.bbc.co.uk/bitesize/guides/z1gf7hv/revision/1 Video - https://timeforgoearthography.co.uk/videos_list/rivers/river-erosion-processes/				
2 - Types of transportation – what are they and what do they mean.	https://www.bbc.co.uk/bitesize/guides/z1gf7hv/revision/2 Video - https://timeforgoearthography.co.uk/videos_list/rivers/river-transport-processes/ Video - https://timeforgoearthography.co.uk/videos_list/rivers/Explain-how-a-river-can-transport-its-load/				
3 - Deposition – what is it and what factors affect it.	https://www.bbc.co.uk/bitesize/guides/z1gf7hv/revision/3				
4 - Three courses – what are they called, what are they like and how are they used.	https://www.bbc.co.uk/bitesize/guides/z83nj6f/revision/4				
5 - Drainage basin – what is it, how does water move through it and what factors affect the way water moves through it.	https://www.bbc.co.uk/bitesize/guides/z1gf7hv/revision/4 Video - https://www.youtube.com/watch?v=8lCrhhs8Qc Video - https://timeforgoearthography.co.uk/videos_list/rivers/Study-the-diagram-of-a-drainage-basin/				
6 - Long profile – what are they and what does it look like.	https://www.bbc.co.uk/bitesize/guides/z1gf7hv/revision/5				
7 - Cross profiles – what are they, what do they look like in each course and why do they look like this.	https://www.bbc.co.uk/bitesize/guides/z83nj6f/revision/1 Video - https://timeforgoearthography.co.uk/videos_list/rivers/waterfall-gorge/ Video - https://timeforgoearthography.co.uk/videos_list/rivers/Explain-the-formation-of-a-waterfall-using-a-sequence-of-annotated-diagrams/ https://www.bbc.co.uk/bitesize/guides/z83nj6f/revision/1				
8 - Waterfalls – how and why do they form.	Video - https://www.youtube.com/watch?v=euWasm9mGVTU				
9 - Interlocking spurs – how and why do they form.					
10 - Meanders – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/z83nj6f/revision/2 Video - https://www.youtube.com/watch?v=9nRpkQZFxVs				
11 - Oxbow lakes – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/z83nj6f/revision/2 Video - https://www.youtube.com/watch?v=9nRpkQZFxVs				
12 - Levees – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/z83nj6f/revision/3 Video - https://www.youtube.com/watch?v=e2Cf7WwA7lk				
13 - Floodplains – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/z83nj6f/revision/2 Video - https://timeforgoearthography.co.uk/videos_list/rivers/floodplains/				
14 - Estuaries – how and why do they form.	https://www.bbc.co.uk/bitesize/guides/z83nj6f/revision/3 Video - https://www.youtube.com/watch?v=ilmP2X_8-dk				
15 - Flood risk – what human and physical factors affect flood risk and how.	https://www.bbc.co.uk/bitesize/guides/zx9kfrd/revision/1				
16 - Hydrographs – what are they, what factors affect the shape of them and how do those factors affect the shape of them.	https://www.bbc.co.uk/bitesize/guides/zx9kfrd/revision/2 Video - https://www.youtube.com/watch?v=gb9jvFto3vc				
17 - Hard engineering – what are the options, how do they work, and what are the positive and negatives of each.	https://www.bbc.co.uk/bitesize/guides/zx9kfrd/revision/3 Video - https://timeforgoearthography.co.uk/videos_list/rivers/river-management-hard-engineering/				
18 - Soft engineering – what are the options, how do they work and what are the positives and negatives of each.	https://www.bbc.co.uk/bitesize/guides/zx9kfrd/revision/4 Video - https://timeforgoearthography.co.uk/videos_list/rivers/problems-hard-engineering-and-softier-alternatives/				
19 - Effects of flooding – what are the social, economic and environmental effects of flooding and how do they differ between a HIC and LIC.	https://www.bbc.co.uk/bitesize/guides/zx9kfrd/revision/5 https://www.bbc.co.uk/bitesize/guides/zx9kfrd/revision/6				
20 - Flooding in Ludlow – what has been done, what should be done and who would have an opinion.	See Appendix 1				

Topic – Weather & climate	Support	R	A	G	RC
<u>1 - Weather & climate</u> – what do they mean and how are they different.	https://www.bbc.co.uk/bitesize/guides/zq2cg82/revision/1				
<u>2 - UK climate</u> – what is it called, what is it like and how does it vary across the UK.	https://www.bbc.co.uk/bitesize/guides/zq2cg82/revision/1 Video - https://www.youtube.com/watch?v=INWc1c6J79U&list=PLk3TwBn2obBGavAbBNnsIKvVSGoLTruXv&index=5				
<u>3 - Precipitation in the UK</u> – what is the pattern of precipitation across the UK and what are the types of rainfall.	https://www.bbc.co.uk/bitesize/guides/zq2cg82/revision/2				
<u>4 - Reasons for the UK climate</u> – why does the UK get the climate that it does.	https://www.bbc.co.uk/bitesize/guides/zq2cg82/revision/3				
<u>5 - Depression (low pressure)</u> – what is it and what weather does it bring.	https://www.bbc.co.uk/bitesize/guides/zq2cg82/revision/4 Video - https://www.youtube.com/watch?v=OPIcDl2h0v0&list=PLk3TwBn2obBGavAbBNnsIKvVSGoLTruXv&index=6				
<u>6 - Anticyclone (high pressure)</u> – what is it and what weather does it bring.	https://www.bbc.co.uk/bitesize/guides/zq2cg82/revision/4 Video - https://www.youtube.com/watch?v=_8EnQCoxtM&list=PLk3TwBn2obBGavAbBNnsIKvVSGoLTruXv&index=7				
<u>7 - Extreme weather</u> – is the UK weather becoming more extreme, if so, what types of weather and what examples do you have. Beast from the East 2018	https://www.bbc.co.uk/bitesize/guides/zq2cg82/revision/5				
<u>8 - Hot semi-arid climate</u> – what is it like and why is it like this.	https://www.bbc.co.uk/bitesize/guides/zx3hqtq/revision/1				
<u>9 – Temperate deciduous climate</u> – what is it like and why is it like this.	https://www.bbc.co.uk/bitesize/guides/zscsmnb/revision/1				
<u>10 - Global atmospheric circulation system</u> – what is it, where are areas of low and high pressure and how does it work.	https://www.bbc.co.uk/bitesize/guides/znykxsg/revision/1 Video - https://www.youtube.com/watch?v=O9Fq3WwZb1s&list=PLk3TwBn2obBGavAbBNnsIKvVSGoLTruXv&index=4				
<u>11 - California, USA</u> – what happened, why did it happen, what were the SEE effects and what were the responses.	https://www.bbc.co.uk/bitesize/guides/z92c97h/revision/5				
<u>12 - Tropical storms</u> – where are they found, why are they found there, and how do they form.	https://www.bbc.co.uk/bitesize/guides/z37wrdm/revision/1				
<u>13 - Vanuatu</u> – what happened, when, what were the SEE effects and what were the responses.	https://www.bbc.co.uk/bitesize/guides/z92c97h/revision/4				

Topic – Climate change	Support	R	A	G	RC
1 - Past climate change – what has happened to the climate in the past, especially, the Quaternary Period.	https://www.bbc.co.uk/bitesize/guides/zcm6k7h/revision/1				
2 - Evidence of climate change – what evidence is there of past and future climate change.	https://www.bbc.co.uk/bitesize/guides/zcm6k7h/revision/2 Video - https://timeforgo...				
3 - The greenhouse effect – how and why does it work.	http://bbc.co.uk/bitesize/guides/zv6db39/revision/1				
4 - Human (anthropogenic) causes – what are the human causes of climate change and how do they cause climate change.	https://www.bbc.co.uk/bitesize/guides/zcm6k7h/revision/3 Video - <a 4"="" bitesize="" guides="" href="https://timeforgo...</td><td></td><td></td><td></td><td></td></tr> <tr> <td>5 - Physical (natural) causes – what are the physical causes of climate change and how do they cause climate change.</td><td>https://www.bbc.co.uk/bitesize/guides/zcm6k7h/revision/4 Video - <a 5"="" bitesize="" guides="" href="https://timeforgo...</td><td></td><td></td><td></td><td></td></tr> <tr> <td>6 - Consequences of climate change on tourism and fishing – what are the effects, where is this an issue, why is it such a significant issue.</td><td>See printed textbook.</td><td></td><td></td><td></td><td></td></tr> <tr> <td>7 - Consequences of climate change on water supply – what are the effects, where is this an issue, why is it such a significant issue.</td><td>See printed textbook.</td><td></td><td></td><td></td><td></td></tr> <tr> <td>8 - Effects in the UK – what are the SEE effects of climate change in the UK.</td><td>https://www.bbc.co.uk/bitesize/guides/zcm6k7h/revision/5				
9 - Global effects – what are the global effects of climate change.	https://www.bbc.co.uk/bitesize/guides/zcm6k7h/revision/5				
10 - Mitigate (reduce) effects – what are the options to reduce the effects of climate change and what are the positives and negatives of this.	https://www.bbc.co.uk/bitesize/guides/zcm6k7h/revision/6				
11 - Adaptation – what are the options to adapt to climate change and what are the positives and negatives of them.	https://www.bbc.co.uk/bitesize/guides/zcm6k7h/revision/6				
Topic – Water Resources	Support	R	A	G	RC
1. Water security - The social, economic and environmental reasons why supply and demand for water varies over time and place.	Global distribution of water - Water supply and consumption - AQA - GCSE Geography Revision - AQA - BBC Bitesize				
2. Water transfer schemes – UK Kielder Water	Case study - Kielder reservoir - Water supply and consumption - AQA - GCSE Geography Revision - AQA - BBC Bitesize				
3. Over abstraction issues - Impact of over-abstraction and unsustainable use of water on people, the economy and environment	Coolgeography - GCSE - Factors affecting Water				
4. Transboundary Water Transfer – The Nile and Mekong rivers	Managing the Mekong River - A transboundary water issue - Internet Geography Why can't Egypt and Ethiopia agree on the Nile dam? - BBC News				

Topic – Ecosystems	Support	R	A	G	RC
1 - Ecosystem interactions – what is an ecosystem and a biome, and what interactions take place within an ecosystem, living, non-living.	https://www.bbc.co.uk/bitesize/guides/zc7hwsx/revision/1				
2 - Ecosystem biotic components – what are decomposers, producers, primary consumers, secondary consumers and tertiary consumers					
3 - Nutrient cycle – what is it, what are the stores, what are the flows, how do the stores and flows vary by biome.					
4 - Hot semi-arid biome – what is the climate like, what is the soil like and how have the plants and animals adapted.	https://www.bbc.co.uk/bitesize/guides/zc3hqtv/revision/1 https://www.bbc.co.uk/bitesize/guides/zc3hqtv/revision/2 https://www.bbc.co.uk/bitesize/guides/zc3hqtv/revision/3				
5 - Damage to hot semi-arid biome – how do people use and damage this biome and what are the effects of this.	https://www.bbc.co.uk/bitesize/guides/zc3hqtv/revision/4				
6 - Management of hot semi-arid biome – what strategies can be used to manage this biome and what are the positives and negatives of them.	https://www.bbc.co.uk/bitesize/guides/zc3hqtv/revision/7				
7 - Temperate biome - what is the climate like, what is the soil like and how have the plants and animals adapted.	https://www.bbc.co.uk/bitesize/guides/zwm8bk7/revision/1 https://www.bbc.co.uk/bitesize/guides/zwm8bk7/revision/2 Video - https://timeforgeography.co.uk/videos_list/ecosystems/temperate-deciduous-woodlands-1/ Video - https://timeforgeography.co.uk/videos_list/ecosystems/temperate-deciduous-woodlands-3/				
8 - Damage to temperate biome – how do people use and damage this biome and what are the effects of this (Whitcliffe Common).	See Appendix 2				
9 - Management of temperate biome – what strategies can be used to manage this biome and what are the positives and negatives of them.	See Appendix 3 https://www.bbc.co.uk/bitesize/guides/zwm8bk7/revision/4				
10 - Distribution – what are the main biomes and where are they distributed.	https://www.bbc.co.uk/bitesize/guides/zc7hwsx/revision/6				
11 - Reasons for distribution – what factors affect the distribution of biomes.	https://www.bbc.co.uk/bitesize/guides/zc7hwsx/revision/5				

Topic – Globalisation and development	Support	R	A	G	RC
1 - <u>Measuring development</u> – what is development, how can be development be measured, what do they tell you and what are the limitations of some measures of development.	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/1				
2 - <u>Classifying levels of development</u> – how can countries be grouped according to wealth.	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/1				
3 - <u>Factors that influence development</u> – what causes some countries to be developed and others not.	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/2				
4 - <u>DR Congo or Haiti</u> – where is it, what are the causes of low levels of development and what are the opportunities for development.	Video - https://www.youtube.com/watch?v=43oTpxuWLW4				
5 - <u>Drivers of globalisation</u> – what factors are making the world more connected and how are they making the world more connected.	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/4				
6 - <u>Multinational companies (MNCs)</u> – what are they, where do they operate, what is your example, what are the positives and negatives for host countries.	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/4 Video (NEE is the same as a NIC and a TNC is the same as a MNC) - https://www.youtube.com/watch?v=gKx03-g6i_w				
7 – <u>NICs</u> – what are they, how are they distributed, reasons for emergence of them, positive and negative consequences of this development.	See textbook chapter 006 on One Drive.				
8 - <u>Patterns of world trade</u> – what do HICs import/export and why, what do LICs import/export and why, how do these patterns affect development	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/2				
9 - <u>Fair Trade</u> – what is it, how does it benefit people and the development of countries, what are the positives and negatives of Fair Trade.	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/6 Video - https://www.youtube.com/watch?v=PLKTGWH398Q				
10 - <u>Globalisation</u> – what are the positives and negatives of the world being more connected.	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/5				
11 - <u>Aid</u> – what are the positives and negatives of short term and long-term aid, include examples.	https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/4 https://www.bbc.co.uk/bitesize/guides/z8436fr/revision/5 Video - https://www.youtube.com/watch?v=e0hKxesGlpE Video - https://www.youtube.com/watch?v=eA4aXa8T_zs				

Topic – Urbanisation	Support	R	A	G	RC
1 - Patterns of urbanisation – what is urbanisation, how has this changed over time and why in HICs, NICs and LICs.	https://www.bbc.co.uk/bitesize/guides/zxf36fr/revision/1				
2 - Megacities – what are they, how are they distributed across the world.	https://www.bbc.co.uk/bitesize/guides/zxf36fr/revision/1				
3 - Push and pull factors – what do the mean, examples for each.	https://www.bbc.co.uk/bitesize/guides/zxf36fr/revision/1				
4 - Mumbai, India (NIC) – a description of its location, reasons for its location, how and why has the population changed over time.	https://www.bbc.co.uk/bitesize/guides/zxf36fr/revision/2				
5 - Mumbai challenges – what are the specific challenges facing Mumbai (informal settlements, mass transit, waste management & traffic congestion)	https://www.bbc.co.uk/bitesize/guides/zxf36fr/revision/2 https://www.internetgeography.net/topics/what-challenges-have-been-caused-by-urban-growth-in-mumbai/ https://www.coolgeography.co.uk/gcse/Mumbai_Challenges.php				
6 - Mumbai progress – how are Mumbai tackling the challenges mentioned above (must include slum clearance and self help) and what are the factors that restrict progress.	https://www.coolgeography.co.uk/gcse/Mumbai_Improving_Areas.php				
7 - Birmingham, UK (HIC) – a description of its location, how and why has the population changed over time.	https://www.bbc.co.uk/bitesize/guides/z9y47hv/revision/2				
8 - The way of life in Birmingham – what is the structure of the city, what are the social, economic and environmental positives and negatives of the city.	https://www.bbc.co.uk/bitesize/guides/z9y47hv/revision/2				
9 - Birmingham challenges – what are the challenges and what are the solutions.	https://www.bbc.co.uk/bitesize/guides/z9y47hv/revision/2 Appendix 4				
10 - Sustainable Birmingham – what is a sustainable city, what examples are there of Birmingham being sustainable.	https://www.bbc.co.uk/bitesize/guides/z9y47hv/revision/2 Appendix 4				

Topic – Urban and rural change in the UK	Support	R	A	G
<u>Urbanisation</u> – what is it, when did it start in the UK, why did/does it take place in the UK.	https://www.bbc.co.uk/bitesize/guides/ztytdmn/revision/4 https://www.bbc.co.uk/bitesize/guides/ztytdmn/revision/1			
<u>Counterurbanisation</u> – what is it, why is it taking place now, what are the effects of it taking place.	https://www.bbc.co.uk/bitesize/guides/ztytdmn/revision/1			
<u>Commuter settlements</u> – what are they, what examples could you use, what are the positives and negatives of commuter settlements for the settlement.	Appendix 5			
<u>Urban zones</u> – what are the different urban zones, what are they like, why are they like this.	https://www.bbc.co.uk/bitesize/guides/zckdg82/revision/2 PAGES 2-5			
<u>Greenfield Vs Brown</u> – what are they, where do they tend to be found, what are the positives and negatives of building on them.	https://www.bbc.co.uk/bitesize/guides/ztytdmn/revision/6			
<u>Inequalities</u> – what does it mean, what inequalities exist in the UK (North South Divide), how does this affect population.	https://www.bbc.co.uk/bitesize/guides/zohvmpb/revision/2			
<u>Sustainable communities</u> – what does this mean, what makes a sustainable community, how is Cambourne a sustainable community.	https://www.bbc.co.uk/bitesize/guides/zcvvh39/revision/4			
<u>Retail</u> – how has retail in the UK changed over time, why has retail in the UK changed over time, what are retail parks, where are the located, why are they located there.	https://www.bbc.co.uk/bitesize/guides/zwoqk2n/revision/1 PAGES 1-5			
<u>Leisure use/Tourism</u> – how do people use rural areas, what is a honeypot site, what are examples, what are the positive and negatives of honeypot sites, how can they be managed.	https://www.bbc.co.uk/bitesize/guides/z2mnqty/revision/3			
<u>Major sporting events</u> – what major sporting events have been held in the UK, what are the positives and negatives of hosting these events.	https://www.coolgeography.co.uk/kcsen/London_Regeneration.php			