



Revision information for Year 11 Mocks 1

5th November to the 16th November

Subject: Geography

What topics should be revised?

Paper 1 topics – the weekly revision tasks should be a good foundation as long as you complete them all before the mock, ask your teacher for the structured task for each week if you are finding creating your own notes difficult. Use the timetable to show you what you need to cover for paper 1.

What task should pupils do to complete the revision?

Use the revision schedule and your revision guide to make notes/mind maps on each section of paper 1. Then use flash cards or get someone to test you to ensure you can recall the information.

Any other relevant information for pupils

Don't forget to revise how to approach each question too, think about each command word.

Paper 1 - LIVING WITH THE PHYSICAL ENVIRONMENT

<p>BOLD is in your case study booklet (CS with page numbers). The page numbers are for your CGP (green) revision guide.</p>	<p align="right">Week :</p>
<p><u>Ecosystems</u></p>	
<ul style="list-style-type: none"> • EPPING FOREST: producers, consumers, decomposers, food chain, food web and nutrient cycling. • What happens when you change one part of a food web? • Where are the global ecosystems and what are they like? 	<p align="right">Pg 20-21 24/9/18</p>
<p><u>Tropical rainforests</u></p>	
<ul style="list-style-type: none"> • The physical characteristics of a tropical rainforest: temperature/precipitation/vegetation. • How do plants and animals adapt to the rainforest? • Why is biodiversity so high in the Tropical rainforest? • How are the rates of deforestation changing across the world? 	<p align="right">Pg 22-23 01/10/18</p>
<p><u>A case study</u> of a tropical rainforest: AMAZON RAINFOREST</p> <ul style="list-style-type: none"> • What are the causes of deforestation? (Farming, logging, road building, mining and energy development) • What are the impacts of deforestation? (economic development, soil erosion, contribution to climate change) • Why is the tropical rainforest important for people? • Why is the tropical rainforest important for the environment? • How is the rainforest managed sustainably? (selective logging and replanting, conservation and education, ecotourism and international agreements about the use of tropical hardwoods, debt reduction) 	<p align="right">Pg 24-27 08/10/18</p>
<p><u>Hot Deserts</u></p>	
<ul style="list-style-type: none"> • What is the climate of a hot desert like? • How are plants and animals adapted to the physical conditions? • Why is biodiversity low in hot deserts? <p><u>Case study (WESTERN DESERT, USA):</u></p> <ul style="list-style-type: none"> • What opportunities for economic development are there in the Western Desert? (Mineral extraction, energy, farming, tourism) • What challenges are there for development in the Western Desert? (Extreme temperatures, water supply, inaccessibility) • What are the causes of desertification? (Climate change, population growth, removal of fuel wood, overgrazing, over-cultivation and soil erosion) • How is desertification managed? (Great green wall, efficient stoves, walls/bunds) 	<p align="right">Pg 28-31 CS pg 39-40 15/10/18</p>
<p><u>Coastal landscapes in the UK</u></p>	

<ul style="list-style-type: none"> • What types of waves are there and what are their features? <p>Coastal processes: (Draw annotated diagrams)</p> <ul style="list-style-type: none"> • Weathering processes - mechanical, chemical • Mass movement - sliding, slumping and rock falls • Erosion - hydraulic power, abrasion and attrition • Transportation - longshore drift • Deposition - why is sediment deposited? <p>How do the following erosional features form? (Draw annotated diagrams)</p> <ul style="list-style-type: none"> • Headlands and bays • Cliffs and wave cut platforms • Caves, arches and stacks. <p>How do the following depositional features form? (Draw annotated diagrams)</p> <ul style="list-style-type: none"> • Beaches • Sand dunes • Spits • Bars 	<p>Pg 37-42</p> <p>22/10/18</p>
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<p>DORSET COAST</p> <ul style="list-style-type: none"> • Landforms of erosion e.g. Old Harry Rocks • Landforms of deposition e.g. Hurst Castle spit <p>The costs and benefits of the following management strategies:</p> <ul style="list-style-type: none"> • hard engineering - sea walls, rock armour, gabions and groynes • soft engineering - beach nourishment and repro ling, dune regeneration • managed retreat - coastal realignment. <p>MEDMERRY Coastal Realignment</p> <ul style="list-style-type: none"> • Where is it and why was it needed? • How does it work? Facts and figures. • How successful was it? Who did it benefit and who did it cost? 	<p>Pg 43-45</p> <p>29/10/18</p>
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<p><u>River landscapes in the UK</u></p>	
<ul style="list-style-type: none"> • Where are the major uplands and rivers in the UK? • What is a long profile and how does it change downstream? • What is a cross profile and how does it change downstream? Why? • Types of erosion (annotated diagrams): Hydraulic action, abrasion, attrition, solution. • Types of transportation (annotated diagrams): Traction, saltation, suspension and solution. • Why does deposition occur? <p>How do the following landforms form? (Annotated diagrams)</p> <ul style="list-style-type: none"> • Interlocking spurs • Waterfalls and gorges • Meanders and ox-bow lakes • Levées • Flood plains • Estuaries. <p>RIVER CLYDE - major features (P53)</p>	<p>Pg 47-53</p> <p>05/11/18</p>

How do the following factors affect the flood risk?

- Precipitation
- Geology
- Relief
- Land use

What is a hydrograph, what are the key terms and how does it work?

What is good and bad about the following flood management strategies?

Hard engineering:

- Dams and reservoirs
- Straightening,
- Embankments
- Flood relief channels

Soft Engineering:

- Flood warnings and preparation
- Flood plain zoning
- Planting trees
- River restoration.

An example of a flood management scheme in the UK to show:

- why the scheme was required
- the management strategy
- the social, economic and environmental issues.

JUBILEE RIVER, RIVER THAMES

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CS pg 76

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Natural hazards and Tectonic Hazards

What is a natural hazard? Give examples.

What is hazard risk and what affects it?

What is the theory of plate tectonics? Who came up with it? What is the evidence?

Where are earthquakes and volcanic eruptions?

What happens at the following plate boundaries? What hazards are found there? (Annotated diagrams)

- Constructive
- Destructive
- Conservative

Why do people live in areas at risk of tectonic hazards?

What strategies can be used to reduce the risk from tectonic hazards?

- Monitoring
- Prediction
- Protection
- Planning

NEPAL & ITALY

Primary and secondary effects

Immediate and long-term responses

NEPAL & ITALY

Primary and secondary effects

Immediate and long-term responses

How are the effects and responses different between an LIC (Nepal) and a Hic (Italy)?

Pg 1-5, 8
CS pg 4-6

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Weather hazards

What is the general atmospheric circulation model? How does it work? (Annotated diagram)

Where are tropical storms (hurricanes, cyclones, typhoons) found?
 How are tropical storms linked to the general atmospheric circulation model?
 What causes tropical storms and how do they form?
 What is the structure of a tropical storm?
 How might climate change affect the distribution, frequency and intensity of tropical storms?
 How can monitoring, prediction, protection and planning reduce the effects of tropical storms?

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TYPHOON HAIYAN

- Primary and secondary effects
- Immediate and long-term responses

How is weather in the UK changing?

(CUMBRIA FLOODS)

- Causes
- Social, economic and environmental impacts
- How can management strategies reduce risk?

Climate Change

What is the evidence for climate change from the beginning of the Quaternary period to the present day?
 How have natural factors caused climate change?
 - Orbital changes
 - Volcanic activity
 - Solar output
 How have human factors caused climate change?
 - Use of fossil fuels
 - Agriculture
 - Deforestation
 What are the effects of climate change on people and the environment?
 What is mitigation and how can it be used to manage climate change?
 - Alternative energy production
 - Carbon capture
 - Planting trees
 - International agreements
 What is adaptation and how can it be used to manage climate change?
 - Change in agricultural systems
 - Managing water supply

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| - Reducing risk from rising sea levels. | |
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Recipe for Success

Ingredients

1. Case study booklet
2. CGP revision guide
3. Revision exercise book
4. Revision schedule
5. Pretty pens
6. Resilience!



Main Recipe

- Plan for some geography revision time each week.
- Stick your revision schedule in your exercise book.
- Create high quality, neat and detailed revision notes on the topic of the week. You should use words and diagrams. Use the CGP revision guide and the case study booklet to help you.
- If you need help on anything come to the revision session on **Thursday** after school.
- Tick off each section on your schedule when it is complete.
- At the end of each revision schedule sheet bring the exercise book in to show your teacher. You will be quizzed on what you have revised. Good quality work will be rewarded!

Icing on the cake

- Use GCSE pod, there are loads of videos on there for AQA Geography.
- There are BBC bitesize revision units with quizzes; revise and test yourself!
- Ask your teacher for exam questions to practice your skills.