

## JC Geography Mock Revision 2023

Topic	Content	Revised ✓
The Earth's Surface	<p>The Structure of the Earth</p> <ul style="list-style-type: none"> <li>• Crust, mantle, core</li> <li>• Plate tectonics</li> <li>• Continental drift</li> </ul> <p>Landforms</p> <ul style="list-style-type: none"> <li>• Volcanoes (formation, impacts, diagram)</li> <li>• Case Study: Mt. St. Helens</li> <li>• Fold Mountains (formation, impacts, diagram)</li> </ul> <p>Events</p> <ul style="list-style-type: none"> <li>• Earthquakes (formation, impacts, diagram, tsunami)</li> <li>• Case Study: Japan</li> </ul>	
Rocks and Denudation	<p>Types of Rock</p> <ul style="list-style-type: none"> <li>• Identify three types</li> <li>• Describe formation</li> <li>• Examples</li> </ul> <p>Uses of Rock</p> <ul style="list-style-type: none"> <li>• Case Study: Quarrying</li> </ul> <p>Weathering</p> <ul style="list-style-type: none"> <li>• Three types of weathering (mechanical, chemical, biological)</li> <li>• One example of mechanical weather</li> <li>• One example of chemical weathering</li> <li>• Tourism in the Burren</li> </ul> <p>Mass Movement</p> <ul style="list-style-type: none"> <li>• Factors that influence</li> <li>• Types of mass movement</li> </ul>	
Rivers	<p>Key words (source, course, tributary, etc.)</p> <p>Processes of erosion, transportation and deposition</p> <p>3 stages</p> <ul style="list-style-type: none"> <li>• Characteristics</li> <li>• Identify features that form there</li> </ul> <p>Formation of features</p> <ul style="list-style-type: none"> <li>• One formed by erosion</li> <li>• One formed by deposition</li> <li>• Diagrams</li> </ul> <p>Human Interaction</p> <ul style="list-style-type: none"> <li>• Uses</li> <li>• Positive/Negative Impacts</li> <li>• Case Studies: Flooding at R. Shannon, Poulaphuca Dam</li> </ul>	
The Sea	<p>Waves</p> <ul style="list-style-type: none"> <li>• How they form</li> <li>• Types of (constructive/destructive)</li> </ul> <p>Processes of erosion, transportation and deposition (e.g. hydraulic action, longshore drift)</p>	

	<p>Formation of landforms</p> <ul style="list-style-type: none"> <li>• One formed by erosion</li> <li>• One formed by deposition</li> <li>• Diagrams</li> </ul> <p>Human Interaction</p> <ul style="list-style-type: none"> <li>• Tourism</li> <li>• Ports (e.g. Rosslare Harbour)</li> </ul>	
Glaciation	<p>Features of erosion</p> <ul style="list-style-type: none"> <li>• Label a diagram</li> </ul> <p>Glacial erosion</p> <ul style="list-style-type: none"> <li>• Plucking, abrasion</li> <li>• One feature in detail – Cirques</li> </ul> <p>Glacial deposition</p> <ul style="list-style-type: none"> <li>• Explain the process</li> <li>• One feature in detail - Moraines</li> </ul>	
Economic Activities	<p>Resources</p> <ul style="list-style-type: none"> <li>• Natural</li> <li>• Renewable vs Non-Renewable</li> <li>• Exploitation</li> <li>• Sustainable use</li> </ul> <p>Primary Activities</p> <ul style="list-style-type: none"> <li>• Fishing, Farming</li> <li>• Advantages/Disadvantages</li> <li>• Solutions to problems</li> <li>• Examples in Ireland</li> </ul> <p>Secondary Activities</p> <ul style="list-style-type: none"> <li>• Inputs – Processes- Outputs</li> <li>• Factors involved in locating industry</li> <li>• Industrial estates</li> <li>• Types of industry</li> <li>• Benefits/Problems</li> </ul> <p>Tertiary Activities</p> <ul style="list-style-type: none"> <li>• Services</li> <li>• Tourism in detail</li> <li>• Advantages/Disadvantages</li> <li>• Case Study: The Mediterranean</li> </ul>	
Population and Migration	<p>Population Change</p> <ul style="list-style-type: none"> <li>• Calculating change</li> <li>• Factors that influence change</li> </ul> <p>Graphs/diagrams</p> <ul style="list-style-type: none"> <li>• The Demographic Transition Model</li> <li>• Population pyramids</li> <li>• Know why these models/pyramids are used</li> </ul> <p>Population Change Case Studies</p> <ul style="list-style-type: none"> <li>• Ireland – The Great Famine</li> <li>• Sierra Leone</li> </ul> <p>Types of Migration</p> <ul style="list-style-type: none"> <li>• Name and describe different type</li> <li>• Case Study – Organised Migration: The Plantation of Ulster</li> </ul> <p>Causes of Migration</p>	

	<ul style="list-style-type: none"> <li>Economic, environmental and social</li> <li>Push and pull factors</li> </ul> <p>Consequences of Migration</p> <ul style="list-style-type: none"> <li>Positive and negative</li> <li>The places where people leave, the places they move to</li> </ul>	
Economic Inequality	<p>Economic Development</p> <ul style="list-style-type: none"> <li>Rich North and Poor South</li> <li>Levels of development</li> <li>Measuring development – GNI and HDI</li> </ul> <p>Inequalities</p> <ul style="list-style-type: none"> <li>Reasons for</li> <li>Solutions</li> <li>Case Study - Exploitation of Coffee Trade</li> </ul> <p>Types of Aid</p> <ul style="list-style-type: none"> <li>Name and describe</li> <li>Positive and negatives</li> <li>Case Study - Trócaire</li> </ul>	
Soil	<p>Soil Profile</p> <ul style="list-style-type: none"> <li>Composition of soil</li> <li>Formation of soil</li> <li>Types of soil in Ireland</li> </ul>	
Geographical Skills	<p>OS Maps (grid referencing, sketch maps, etc.)</p> <p>Aerial Photographs</p> <p>Bar Charts</p> <p>Pie Charts</p>	

**Tips for Studying:**

- Use all notes available to you – OneNote, PowerPoints on Teams (in files), hardback, Maps folder
- Practice questions in exam papers
- Manage your time – try to practice questions within an 11 minute time frame
- Write notes on flashcards
- Complete quizzes on Quizlet, Kahoot!
- Practice drawing and labelling diagrams and sketch maps
- Watch videos on National Geographic/ExamRevision (if you have an account)/TwigWorld/Links posted in OneNote

**Topics to cover after Mocks:**

- Settlement
- Weather and Climate