

# Preparation for A-Level Geography





**A-Level Topic:** Coastal Landscapes and Change

**Key Question:** What are the different landforms of the Jurassic Coast?



**Key Terms:** Concordant; discordant; tombolo; erosion; sub-aerial processes; longshore drift; deposition.

A famous example of a coastline. The Isle of Purbeck, in Dorset, is an example of where a concordant and discordant coastline exist very close to one another. It has a variety of other micro-features and a unique geology.

 <b>What to do</b>	 <b>What to read</b>	 <b>What to watch</b>
<p>Use the resources provided to write notes that answer the following questions:</p> <ul style="list-style-type: none"> <li>• What does the geology of the Jurassic Coast comprise of?</li> <li>• Can you name any of the bays and/or headlands found on this stretch of coastline?</li> <li>• How are the various landforms located on this coastline formed?</li> <li>• Why else is this area well-known/famous?</li> <li>• Can you provide a detailed locational paragraph for this coastline??</li> <li>• Are there any other notable coastal features in this area?</li> </ul>	<p><a href="https://www.bbc.co.uk/bitesize/guides/zyfd2p3/revision/3">https://www.bbc.co.uk/bitesize/guides/zyfd2p3/revision/3</a> - brief overview to summarise the coastline</p> <p><a href="https://www.internetgeography.net/topics/coasts/dorset-coast/">https://www.internetgeography.net/topics/coasts/dorset-coast/</a> - provided information on the location and formation of landforms (click on the green hyperlinks)</p> <p>The Jurassic Coast: A World-Class Coast - Part 1 and part 2 GeoFactsheet (available on Google Classroom)</p>	<p>Old Harry Rocks Coastal Processes and Landforms <a href="https://www.bbc.co.uk/programmes/p00xq8jc">https://www.bbc.co.uk/programmes/p00xq8jc</a></p> <p>The Jurassic Coast <a href="https://jurassiccoast.org/visit/attractions/old-harry-rocks/">https://jurassiccoast.org/visit/attractions/old-harry-rocks/</a></p> <p>Landforms Coasts <a href="https://www.youtube.com/watch?v=ZWEJq03NBao">https://www.youtube.com/watch?v=ZWEJq03NBao</a></p> <p>Series of clips on the formation of different landforms. <a href="https://www.bbc.co.uk/programmes/b00793c8">https://www.bbc.co.uk/programmes/b00793c8</a></p>
<p> <b>What to submit:</b> Using your notes, construct an overview of the Jurassic Coast. Your report should be well presented and informative to show an understanding of the content that you have been investigating. Use the questions above to help you structure your ideas and refer to evidence and examples. You can add any maps, images or diagrams to illustrate your points. Please submit your completed overview, in a format of your choice e.g. report, annotated map etc. via Google Classroom.</p> <p>Ensure you make reference to the following: Swanage Bay – formation of Old Harry Rocks, Durdle Door – Including lithology and key processes (marine and sub-aerial), Chesil beach – characteristics and processes involved in its formation and Lulworth cove – Concordant coastline formation and the geological conditions at Lulworth.</p>		