

## Extreme weather: Cyclones and Droughts – Knowledge Organiser

<u>Key Terms</u>		<u>Draw a diagram to show how solar heating at the equator causes the ITCZ (p.173)</u>	Explain the causes of the drought in California during 2015. Use these key words: jet stream, polar air mass, tropical air mass, high pressure (p.178 - 179)
Low pressure			
High pressure			
Cyclone			
Drought			
Unstable			
Monsoon			
Jet stream			

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Explain how you think people should respond to the threat of drought in the long term.

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<p><b>Explain what the ITCZ is. (p.173)</b></p> <hr/> <hr/> <hr/> <p><b>How is the occurrence of cyclones in the Northern and Southern hemisphere linked to the position of the ITCZ throughout the year? (p.173)</b></p> <hr/> <hr/> <hr/> <hr/> <p><b>Explain how a cyclone forms (consider low pressure and warm seas) (p.175)</b></p> <hr/> <hr/> <hr/> <hr/>	<p style="text-align: center;"><b>Impacts of Cyclones (p.176 - 177), and impacts of Droughts (p.180 – 181)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;"></th> <th style="width: 25%; text-align: center;">Cyclones</th> <th style="width: 25%; text-align: center;">Droughts</th> </tr> </thead> <tbody> <tr> <td>Named example i.e. where did it happen</td> <td></td> <td></td> </tr> <tr> <td>Social impacts</td> <td></td> <td></td> </tr> <tr> <td>Economic impacts</td> <td></td> <td></td> </tr> <tr> <td>Environmental impacts</td> <td></td> <td></td> </tr> </tbody> </table>		Cyclones	Droughts	Named example i.e. where did it happen			Social impacts			Economic impacts			Environmental impacts		
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