

# Unit 1 -SECTION A: The Challenge of Natural Hazards

Read through the table below and rate your understanding of each area.

<b>WEATHER HAZARDS</b>	<b>AT THE START OF THE TOPIC</b>			<b>AFTER THE TOPIC</b>			<b>AFTER REVISION</b>
							<b>CGP Revision Guide &amp; Textbook</b>
<b>KEY IDEA: global atmospheric circulation helps to determine the patterns of weather and climate</b>							
Describe and explain the general atmospheric circulation model							CGP: Page 9 Textbook: 22-23
<b>KEY IDEA: tropical storms develop as a result of particular physical conditions</b>							
Describe the global distribution of tropical storms (hurricanes, cyclones, typhoons)							CGP: Page 9 Textbook: 24-25
Explain the relationship between tropical storms and general atmospheric circulation							CGP: Page 10 Textbook: 24-25
Identify the key features of a tropical storms							CGP: Page 10 Textbook: 25
Describe the structure of a tropical storm							CGP: Page 10 Textbook: 26-27
Explain how tropical storms form and the conditions needed for their formation							CGP: Page 10 Textbook: 26-27
Suggest how climate change is going to influence the distribution, frequency and intensity of tropical storms							CGP: Page 10 Textbook: 27
<b>KEY IDEA: tropical storms have significant effects on people and the environment</b>							
Describe the primary and secondary effects of a tropical storm							CGP: Page 11 Textbook: 28-29
Describe the immediate and long-term responses to a tropical storm							CGP: Page 11 Textbook: 28-29
<b>Using an named example</b> explain the effects and responses of the tropical storm							Textbook: 28-29
Explain how monitoring, prediction, protection and planning can reduce the effects of tropical storms							CGP: Page 12 Textbook: 30-31

<b>WEATHER HAZARDS</b>	<b>AT THE START OF THE TOPIC</b>			<b>AFTER THE TOPIC</b>			<b>PLACES TO FIND HELP</b>
							<b>CGP Revision Guide &amp; Textbook</b>
Evaluate the extent to which the risks of tropical storms can be reduced							CGP: Page 12 Textbook: 30-31
<b>KEY IDEA: the UK is affected by a number of weather hazards</b>							
Describe the different types of weather hazards that are experienced by the UK							CGP: Page 13 Textbook: 32 -33
<b>KEY IDEA: extreme weather events in the UK have impacts on human activity</b>							
<b>Using a named example</b> explain the cause of a recent extreme weather event in the UK							Textbook: 35-37
<b>Using a named example</b> explain the social, economic and environment effects of a recent extreme weather event in the UK							Textbook: 35-37
<b>Using a named example</b> explain how management strategies were used to reduce the risk of a recent extreme weather event in the UK							Textbook: 35-37
Use evidence to evaluate whether UK weather is becoming more extreme							Textbook: 38-39