

What do I already know?

- What are the seasons called and how they change (Year 1)- Splendid skies and how our local area is different to others- Tanzania Vs UK (Year 2)

## Geography : Year 3: Autumn 1

What is extreme weather and how does it affect people?

### SECTION 1

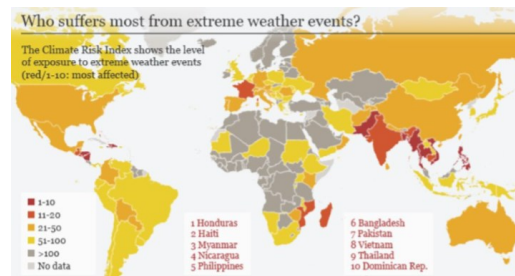
#### KEY VOCABULARY

Extreme weather	When the weather is different to the usual weather pattern.
Climate	Climate is a region's weather patterns over a period of time.
Flash flooding	A period of heavy rainfall that can cause flooding.
Thunderstorms	A thunderstorm, also known as an electrical storm or a lightning storm, is a storm characterized by lightening and thunder.
Storm surges	They are like big walls being pushed in from the sea creating large waves.
Tornado	Tornadoes are swirling columns of air, spinning rapidly with winds of over 40mph.
Hurricanes	Caused by low pressure system- strong winds causing an 'eye' which is a clear hole in the middle of the cloud.

### SECTION 2

What is extreme weather? Where does it happen?

Extreme weather is when weather is significantly different from the usual weather pattern.



### SECTION 3

How do storms affect us?

Storms can affect us by causing flashflooding, storm surges and thunder/lightening. Storm Eunice hit the UK in 2022 and caused £360 million pounds worth of damage, caused power loss, fallen trees and 4 people died.




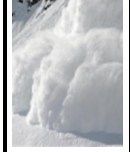

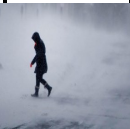



### SECTION 4

What is tornado alley? How do people survive it?

**Tornado Alley** is an area of the central United States where tornadoes are most frequent. People survive by being prepared, staying aware of the weather conditions and using shelter.



SECTION 5 What happens in extreme heat?		What happens in extreme cold?	
<p><b>Droughts</b> occurs when there is a lack of rainfall over a long period of time, resulting in water shortages for groups of people, activities or the environment.</p>		<p><b>Snow:</b> Snow forms when tiny ice crystals in clouds stick together to become snowflakes.</p>	
<p><b>Dust and sandstorms:</b> occur mostly in deserts, or arid and semi-arid areas, when strong winds pick up sand and dust and carry them over large distances.</p>		<p>An <b>avalanche</b> is a rapid flow of snow down a slope, such as a hill or mountain.</p>	
<p>A <b>Wildfire</b> is an uncontrolled fire in a natural area, this can be caused by a period of hot, dry weather or by humans.</p>		<p><b>Blizzard:</b> A blizzard refers to a cold, strong wind that is laden with snow which significantly reduces visibility.</p>	
<p><b>Heatwaves:</b> A heatwave is a long period of hot weather.</p>			

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### SECTION 1

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Extreme weather	
Climate	
Flash flooding	
Thunderstorms	
Storm surges	
Tornado	
Hurricanes	

### SECTION 2







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### SECTION 3

How do storms affect us?

### SECTION 4

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SECTION 5 What happens in extreme heat?		What happens in extreme cold?	
Droughts		Snow:	
Dust and sandstorms:		An avalanche	
A Wildfire		Blizzard:	
Heatwaves:	