Student activity:

1. Cut out the following top trump cards and read the information about the different types of extreme weather.
2. Rank the cards from most extreme weather event to least extreme weather event.

Flooding	
 Heavy rain causes rivers to overflow.	
Number killed:	4 million in China, in 1931
Places affected:	Most countries in the world
Most expensive event cost:	China, 1998 $30 billion
Highest flood level:	47.8 ft

Hail storm	
 It's raining ice!	
Number killed:	0
Places affected:	Every continent
Most expensive event cost:	Minnesota 2017 cost $2.5 billion
Largest hail recorded:	17.8cm in diameter

Ice storm	
 A winter storm that covers everything in ice!	
Number killed:	0
Places affected:	Mainly USA and Canada. We can have them too!
Most expensive event cost:	USA South East freeze cost $1 billion

Hurricane	
 A strong storm with sustained wind speeds of over 74 mph.	
Number killed:	Hurricane Mitch, in 1998 killed 11000
Places affected:	Countries around the Atlantic, South Pacific, Indian Ocean, Gulf of Mexico and Caribbean
Most expensive event cost:	Hurricane Katrina cost $108 billion in 2005

Lightning	
 A flash of electricity during a storm.	
Number killed:	24000 people per year globally!
Places affected:	Africa is the continent that experiences the most.
Most expensive event cost:	$5 billion per year just in the USA alone!
Lightning fact:	An area in North West Venezuela has 1.2 million lightning strikes per year! There can be as many as 280 per hour!

Monsoon	
 Very heavy rain during the rainy season in a tropical country.	
Number killed:	In 1983 in Thailand, 10000 people died
Places affected:	Asia and northern Australia
Most expensive event cost:	2011, Thailand $45 billion
Monsoon fact:	This year alone 1.8 million children could not attend school due to the damage caused by the monsoon.

Tornado		Heat wave		Drought	
					
A fast spinning column of air		Prolonged period of abnormally hot weather.		A prolonged period of abnormally low rainfall, leading to a shortage of water.	
Number killed:	The deadliest tornado occurred in 1989 in Bangladesh killed 1300 people.	**Number killed:**	In 2003 the European heat wave registered 70000 deaths (2000 in the UK)	**Number killed:**	The worst drought ever recorded killed over 400000 between 1983-1985 in Ethiopia.
Places affected:	Australia, Europe, Africa, Asia, and South America	**Places affected:**	Europe and North America	**Places affected:**	Every continent except Antarctica
Most expensive event cost:	Mid-west tornado, in 2017 cost $2.1 billion	**Most expensive event cost:**	£211 million per day for the UK!	**Most expensive event cost:**	Western USA $4.7 billion
Tornado fact:	The USA has about 1200 tornadoes per year and the fastest recorded speed was 318 mph.	**Heatwave fact:**	Heatwaves are becoming more common due to climate change.	**Drought facts:**	In Somalia, in 2017 110 people died in 48 hours due to drought.

Explain your top and bottom choice by describing and explaining how the impacts will be different.

Don't forget to use connectives (therefore, as well, in addition).

In your answer you need to explain your top choice *and* predict how the impacts will be different in an HIC or an LIC.

My type of extreme weather with the biggest impact is: .....

because .....

.....

.....

.....

.....

My type of extreme weather with the least impact is: .....

because .....

.....

.....

.....

.....

Their impacts will be different because: .....

.....

.....

.....

.....

.....

Impact in a HIC	Impact in a LIC

How might people feel after experiencing one of these events?

Can you use named examples of countries or events?

Peer Assessment - Types of extreme weather			Peer Assessment - Types of extreme weather			Peer Assessment - Types of extreme weather		
WWW	**Descriptor**	**EBI**	**WWW**	**Descriptor**	**EBI**	**WWW**	**Descriptor**	**EBI**
	You explained your choice of weather			You explained your choice of weather			You explained your choice of weather	
	You described the effects of this extreme weather			You described the effects of this extreme weather			You described the effects of this extreme weather	
	You have considered the long term / knock on effects			You have considered the long term / knock on effects			You have considered the long term / knock on effects	
	You have explained how the effects will be different in a HIC and a LIC			You have explained how the effects will be different in a HIC and a LIC			You have explained how the effects will be different in a HIC and a LIC	
	You have used key terms			You have used key terms			You have used key terms	
	You have used named examples and specific facts in support			You have used named examples and specific facts in support			You have used named examples and specific facts in support	
	Other:			Other:			Other: