

# WEATHER AND CLIMATE KNOWLEDGE ORGANISER

## KEY QUESTIONS

Know the different weather symbols.	What factors affect climate?	What is the difference between high and low pressure?
The causes, effects and responses to Hurricane Sandy	How to use a climate graphs.	Describe the weather forecast of an area.
Explain the water cycle.		

## KEY WORDS

Altitude	Height of the land affects climate as the temperature drops.
Precipitation.	Anything that falls from a cloud- snow, sleet, hail and rain.
Latitude	Distance north and south from the equator.
Evaporation	Water is heated and changes from a liquid to a gas.
Transpiration	Water held in plants is released into the atmosphere.
Climate	The average temperature and rainfall measured over 30 minutes.
High Pressure (Anticyclone)	Air is descending and becoming warmed - it is pressing down on us. Clear skies and dry weather.
Low Pressure (Depression)	Air is rising and becoming colder - it is being lifted. Bad weather is associated with depressions.

## DIAGRAMS