



Outdoor Learning Knowledge Organiser		
Year group: 6	Topic: Seasons and Weather	Clouds and Extreme Weathers
<p>Key Question: How are clouds formed? What are the different types of clouds?</p> <p>Do we contribute to the 'Weather Extremes' happening around the world?</p>		

### Key Vocabulary:

Cloud, cloud droplet, condensation, air current, water vapour, cirrus, stratus, cumulus, low, mid, high, extreme weathers, changing climate, heatwave, heavy rainfall, drought, flood, tropical storms, global warming, energy,

### Links to National Curriculum – Science, Geography

use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

reporting and presenting findings from enquiries, including conclusions,



### My outcome will be

To understand how clouds form and the different types of clouds

To know different types of extreme weather and to locate extreme weather around the world.

What key knowledge will I have by the end of this journey?

Explain how clouds form and link to the water cycle.

Identify the different types of clouds.

Describe weather features of the 3 main types of clouds (cirrus, stratus and cumulus)

Classify different types of clouds.

Recognise and describe extreme weathers.

What key skills will I have by the end of this journey?

I can make and use a cloud identifier to describe the current weather.

I can discuss and debate what is causing climate change and why we are experiencing extreme weathers.

I can consider consequences of extreme weathers for humans and animals.

I can use world maps to find locations, whilst creating a key to show extreme weathers.



### Links to previous and future learning

#### In Year 3

To recognise and use the points of a compass.

To make a weather vane to read wind direction.

#### In year 4

To predict and measure weather conditions.

To accurately make a rain gauge using an appropriate scale.

#### In Year 5

To explain how different factors can influence microclimates.

To name and describe the different climate zones.

#### In year 6