

Newall Green Primary : Knowledge Organiser

Geography, Weather - Autumn 1

Year Group: 4      Date: Nov - Dec 2020

### Focus:

Geography - understand  
different types of weather and  
how it occurs

### Key facts to retain (must know):

- How clouds are formed and the different type of clouds.
- How thunder and lightning is formed and the types of lightning.
- How tornadoes are formed.
- The different types of wind.
- What severe weather is and the impact that it has on populations and countries.
- Different well known examples of extreme weather.
- The difference between climate and weather.
- Which type of weather we see most in the UK.



### Key terms:

**Clouds** - A collection of tiny droplets of water.

**Cirrus clouds** - Delicate, feathery clouds made mostly of ice crystals.

**Cirrocumulus clouds** - Patchy, sheet-like clouds.

**Nimbostratus clouds** - Dark clouds that block sunlight.

**Cumulus clouds** - Fluffy, white cotton ball-like clouds.

**Stratus clouds** - Thin, white sheets covering the sky and appear as fog or mist.

**Tornado** - A type of funnelling wind.

**Blizzards** - A powerful snowstorm.

**Hurricanes** - Storm over open sea.

**Floods** - A rise in water from rainfall.

**Drought** - Continuous dry weather.

### What I already know (should know):

- That there are different types of weather.
- That there are different seasons.
- That different countries have different weather and climates.

