

# The Knowledge

Supporting the National Curriculum



Ardleigh Green Learning Federation

## Splendid Skies



## Year 1

Working Together, Learning Together, Growing Together

Knowing More

Remembering More

Learning More

## Key Weather Around the World



- The Great Galveston **storm** was the worst hurricane reported in the US (1900)



- The Indian Ocean **Tsunami** reached as high as 100 feet on Boxing Day (2004)



- Extreme **heat and drought** caused fires to spread throughout Australia killing animals and damaging homes (2019/20)



- **Hurricane Patricia** is the strongest tropical cyclone ever recorded on Earth (2015)



- **The Great Storm of 1987** was the worst storm recorded in England

## Key Dates in the UK

- ‘The Big Freeze’ was the coldest winter on record lasting 3 months
- Britain was left bone dry for 3 months with the hottest summer on record and the worst drought in 150 years
- ‘The Great Storm of 1987’ caused destruction with hurricane-force winds
- Cornwall experienced terrible floods causing people to need to be saved by boat and houses to be damaged.
- Storm Ciara and Storm Dennis caused some damage in the UK
- Storm Eunice caused immense damage, leaving people without power with wind speeds of over 120 mph

1963

1976

1987

2004

2020

2022

## Key Facts

- Storms are given their name by working through the alphabet in England
- The United States of America experiences the worst tornados around the world
- China and Japan have had the most hurricanes in the world
- A Beaufort scale is used to measure the strength of the wind
- A thermometer is used to measure the temperature
- Countries closer to the equator are hotter
- Lightning is a burst of electricity that happens during a storm
- Thunder is a sound caused by lightning

## Key Vocabulary

1. **Meteorologist** : a person who studies the weather and reports back on it
2. **Hurricane**: a very strong wind that can cause damage
3. **Tornado** : violently rotating column of air between a cloud and the Earth
4. **Earthquake** : sudden movement in the Earth's plates causing it to shake
5. **Tsunami** : fast moving waves caused by earthquakes that can cause destruction
6. **Flood** : an overflow of water on the ground rising up
7. **Drought** : a lack of rain or snow causing damage to plants and crops

## Test Yourself

- When was 'The Great Storm' in England?
- What is a hurricane?
- How are floods caused?
- What does the word drought mean?
- How do you measure the speed of wind?
- What effect does the equator have on different countries?
- What are the names of the storms that happened in 2020?
- What order do the names of storms come in?
- Which country has the worst tornados?
- How do bushfires start?

## Texts to Read

