Lodge Farm Primary School- Knowledge Organiser

Science Topic: Seasonal Changes (The Weather)	**Year:** 1 **Term:** Summer 2

Key Knowledge/Content:

- Weather can change.
- There are lots of different types of weather: Rain, Sun, Cloud, Wind, Snow etc.
- Days are longer and hotter in the summer.
- Days are shorter and colder in the winter.
- There are four seasons: Spring, Summer, Autumn, Winter.

Scientist Focus:

Kusala Rajendrop (Seismologist)
Famous for her work on earthquakes.

Links to:
Prior learning:
To talk about how the weather changes throughout the seasons and identify weather patterns.
Future learning:
To investigate materials that are waterproof or absorbent, making links to a rainy day.

Key vocabulary with definition:
Prior vocabulary:
- Windy
- Sunny
- Breeze- A gentle wind.
- Overcast- A covering of clouds over the sky.
- Temperature- How hot or cold it is.
- Rainfall- The amount of rain that has fallen.
- Daylight- The amount of time the sun is in the sky, causing light.
- Seasons- Changes in the weather and conditions throughout the year.
- Weather- The way the air and atmosphere feels.

New vocabulary:

- Earthquake- A shifting in the Earth's plates, causing vibrations on the surface.

By the end of this unit
All children can: identify different types of weather and **investigate** how they change e.g. snow melts and wind blows.
Most children can: compare different weather around the work and **identify** materials used to build houses in these countries.
Some children can: understand the effect that rain has on the environment and **make** observations about how the weather changes.

Background understanding for teachers and parents:
This unit will look at different types of weather in more detail, building on the learning from last half term. Children will look at different weather patterns around the world and start to make connections.

Curriculum Driver (one):
Knowledge of the World
Evidence outcome:
Understand that different countries around the world have different weather patterns.