



Year Two Knowledge Organiser

How can we look after our environment and community?

Prior Knowledge Vocabulary

weather	The daily state of the atmosphere.
seasons	The UK has 4 seasons – spring, summer, autumn and winter. Each lasts about 3 months and has its own weather.

Prior Knowledge – Key Facts

- Observe changes across the four seasons.
- Observe and describe weather associated with the four seasons.

Pictures and diagrams

Renewable power sources



Wind turbines turn the **energy** from the wind into electricity.



Solar panels turn the **energy** from sunshine into electricity.



The **energy** from heat deep underground can be turned into electricity. This is **geothermal energy**.



Biomass means 'natural material'. It is burned to create **energy**.

Some plants grow best in full sun.



Some plants grow best in the shade.



Some plants need lots of water.



Some plants don't need much water.



Key Facts (curriculum end points)

- Analysis of the seasonal and daily weather patterns in the UK (compared to Non EU country).
- Find out about and describe the basic needs of animals, including humans, for survival (food, water, air).
- Find out and describe how plants need water, light and a suitable temperature to grow.

Vocabulary

environment	Provides everything living things need.
climate	Average weather conditions over many years.
climate change	Change in overall weather and temperature on Earth.
atmosphere	The layer of gas surrounding the Earth.
greenhouse gas	Special types of gas in the atmosphere.
energy	Energy makes everything work.
power	Gives us energy to make things work.
endangered	Chance of animal/plant becoming extinct.
extinct	None of that animal/plant left alive.