Light and dark / Space

Reception Knowledge Organiser

(Links to N.C. Science, Geography and History)

Key objectives (taught but not limited to)…

- To know that a globe is a representation of the Earth
- To recognise that some environments are different from the one in which they live
- To know that the Earth is round and not flat
- To recognise that people have different beliefs and understand how these are celebrated e.g. (Chinese New Year)
- To recognise similarities and differences in contrasting locations all over the world e.g. China and England
- To be able to locate China on a map
- To know that the Great wall of China is the longest wall in the world and can be seen in space
- To know that the first person to land on the moon was Neil Armstrong
- To know that the Earth is a planet alongside other planets
- To observe and interact with natural processes – colour, light travelling through materials
- To identify Winter as one of the four seasons.
- To talk about the environmental changes in Winter and why this happens

Key knowledge

- A globe is a representation of the Earth
- There are lots of different environments around the world
- The Earth is round
- The Great Wall of China can be seen from space
- Neil Armstrong was the first person to land on the moon
- We live on planet Earth
- Earth is a planet
- Winter is one of the four seasons
- The weather is cold in Winter. Most trees lose all their leaves
- Things are transparent when light can travel through them
- Things are opaque when light cannot travel through them

Key vocabulary	Definition
globe	A 3D spherical model of planet Earth
planet	An astronomical body that orbits a star
Earth	The planet that we live on
astronaut	Somebody who travels to space
China	A country in Asia
Great Wall of China	The longest wall in the world
Neil Armstrong	The first person to walk on the moon
Transparent	Allowing light through
opaque	Blocking light through an object
Winter	The coldest season in the year
freeze	When a liquid changes into a solid due to extreme cold temperatures e.g. water to ice