

Castle View Primary School Science Curriculum

EYFS – Understanding The World

EYFS Objectives 3-4 year olds- Nursery:

Science

- To talk about the changes in the environment (autumn changes).
- To observe animals and plants around them.
- To know that apples and pears grow on trees.
- To know the difference between soft and hard things.
- To talk about the changes in the environment (Winter) changes.
- To know that ice changes when it gets warm.
- To talk about the changes in the environment (Spring) changes.
- To know that a tadpole changes into a frog.
- To explore fossils.
- To talk about the changes in the environment (Summer) changes.
- To know that plants grow.

End of Nursery Goals:

- I can talk about my family.
- I can tell you where I live (Runcorn).
- I can talk about different celebrations.
- I can talk about how the environment around me changes.
- I can talk about how plants and animals change.
- I can show kindness and respect to others.
- I can talk about how I have grown and changed.

EYFS Objectives Reception:

Science

- To identify Autumn as one of the 4 seasons and discuss the changes.
- To use the 5 senses to describe when exploring outside.
- To know that an orchard is where fruit trees grow.
- To know that a biscuit changes from soft to hard when heated.
- To identify Winter as one of the 4 seasons and discuss the changes.
- To know how and why materials change. (ice)
- To understand the term hibernation.
- To identify Spring as one of the 4 seasons and discuss the changes.
- To know the life cycle of a frog.
- To know that a fossil is made from the bones of a dinosaur.
- To know who Mary Anning's is.
- To identify Summer as one of the 4 seasons and discuss the changes.
- To know the process of planting or growing a plant/ vegetable.
- To know how to care for plants/ vegetables.

End of Reception Goals (ELG's):

- To talk about the lives of people around them and their role in society
- To know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class
- To understand the past through settings, characters and events encountered in books and storytelling
- To describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps
- To know some similarities and differences between different religious and cultural communities in this country, drawing on their experiences and what has been read.
- To explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and maps
- To explore the natural world around them, making observations and drawing pictures of animals and plants
- To know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class
- To understand some important processes and changes in the natural world around them, including the seasons and changing states of matter