What must the children achieve in Science in order to be ready for next year? (6-10)

Year One:
Plants
- To be able to name common plants, trees and flowers and identify the key parts of their structure.

Animals Including Humans
- To be able to identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.
- To be able to identify common animals that are carnivores, herbivores and omnivores and explain what each word means.

Everyday materials
- To be able to distinguish between an object and the material it is made from e.g. wood, plastic, glass, metal, water and rock.
- To be able to describe the physical properties of everyday materials.

Seasonal Changes

- To be able to observe and note down differences between each of the 4 seasons, including different weather types.

Working Scientifically
- To be able to observe experiments closely, using simple equipment.
- To be able to identify and classify.
- To be able to ask simple questions and understand that question can be answered in a variety of ways.

Year Two:
Plants
- To be able observe and describe how seeds grow into plants.

Animals Including Humans
- To be able to describe the basic needs of animals, including humans.
- To be able to understand and explain the importance of exercise, eating healthily and good hygiene for humans.

Uses of everyday materials
- To be able to identify and compare the suitability of a variety of everyday materials including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.

Living things and their habitats
- To be able to explain the differences between things that are living, dead or have never been alive.
- To be able to identify that most living things live in habitats and explain why they are best suited to their habitat.

Working Scientifically
- To be able to use their observations and ideas to suggest answers to questions.
- To be able to perform simple tests.
- To be able to gather and record data to help with answering questions.