

### What should I already know?

#### Early Learning Goal

Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes.

### Scientific Skills:

- Test ideas suggested to them
- Say what they think will happen
- Use first hand experiences to answer questions
- Communicate observations orally, in drawing, labelling, simple writing and using ICT
- Make simple comparisons and groupings
- Say what has happened
- Say whether what has happened was what they expected

### Key Vocabulary and Definitions:

<b>Experiment</b> 	A carefully planned test used to find out the answer to something you don't know.
<b>Investigate</b> 	To look at or explore something carefully to learn the facts about it.
<b>Material</b> 	Anything used for building or making something else.
<b>Object</b>	Anything that has shape or form and can be seen or touched.
<b>Observe</b> 	To notice or see something by looking or watching carefully.
<b>Predict</b> 	To use your knowledge to say what you think will happen before that thing happens.
<b>Recycle</b> 	To put something through a process that allows it to be reused.
<b>Senses</b> 	The five ways humans understand or experience something: touch, smell, taste, sight, and hearing.

### Teaching Sequence

1. To use my senses to compare and group materials based on their properties.
2. To sort materials based on their properties and discuss how this can help us to recycle materials.
3. To distinguish between object and material.
4. To work scientifically to predict what will happen in a simple experiment and discuss its outcome.
5. To work scientifically to identify everyday materials and their use.