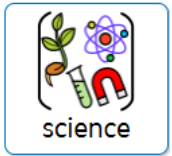




Making connections- Plant based materials



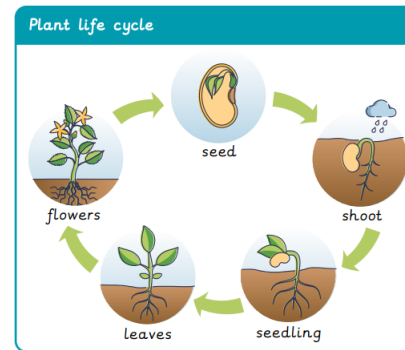
Prior learning: They know that plants need water, sunlight and the correct temperature to grow and survive, some of the life processes and what is alive and dead. They know seeds and bulbs need water and warmth to germinate and how seeds and bulbs grow. They know materials have properties and that different materials are suitable for different objects. They know some materials can be squashed, bent, twisted or stretched and know some scientists and their jobs.

What we are learning				
Lesson 1: (K) To describe how materials can be reused. (WS) To understand how the 3R's contribute to sustainable products.	Lesson 2: (K) To identify human and man-made materials. (WS) To group based on characteristics.	Lesson 3: (K) To identify suitable materials based on their properties. (WS) To perform a test and gather data.	Lesson 4: (K) To identify a material for plant growth. (WS) To use observations to answer a simple question.	Lesson 5: (K) To choose materials to create a sustainable plant pot. (WS) To identify and classify living things.

Key vocabulary		
sustainable	Taking care of the Earth.	sustainable
suitable	Having the qualities that are right, essential or appropriate for something.	suitable
characteristics	A special quality of a person, animals or object.	characteristics
material	The substance used to make something.	material
observe	To notice or see something, to look closely.	observe

What do plants need for healthy growth?

water light warmth



Materials have properties that suit the uses of many different objects.

Metal is waterproof, strong and stiff.

Objects are often made from different materials.

metal wood plastic

Some solid objects are made from materials that can change shape.

stretch twist bend squash