



Foley Infant School
 Science - Progression of Skills & Knowledge Overview

Progression of Skills	Pre-Nursery	Nursery	Reception	Early Learning Goal
The Natural World	Repeat actions that have an effect Notice detailed features of objects in my environment. Explore materials with different properties. Explore natural materials, indoors and outdoors. Respond to different natural phenomena in my setting and on visits.	Use all my senses in hands-on exploration of natural materials Comment and ask questions, using wide vocabulary, about aspects of my familiar world such as the place where I live or the natural world. Talk about some of the things I have observed such as plants, animals, natural and found objects. Understand the key features of the life-cycle of a plant and an animal. Show care and concern for living things and the environment (planting seeds and growing plants).	Look closely at similarities, differences, patterns and change. Explore the natural world around me. Describe what I see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around me.	Look closely at similarities, differences, patterns and change. Explore the natural world around me. Describe what I see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around me.
Working Scientifically	Repeat actions that have an effect Notice detailed features of objects in my environment. Explore materials with different properties. Explore natural materials, indoors and outdoors.	Use all my senses in hands-on exploration of natural materials Comment and ask questions, using wide vocabulary, about aspects of my familiar world such as the place where I live or the natural world.	Look closely at similarities, differences, patterns and change. Explore the natural world around me. Describe what I see, hear and feel whilst outside.	Look closely at similarities, differences, patterns and change. Explore the natural world around me. Describe what I see, hear and feel whilst outside.



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	Respond to different natural phenomena in my setting and on visits.	Talk about some of the things I have observed such as plants, animals, natural and found objects. Understand the key features of the life-cycle of a plant and an animal. Show care and concern for living things and the environment (planting seeds and growing plants).	Understand the effect of changing seasons on the natural world around me.	Understand the effect of changing seasons on the natural world around me.
Animals including Humans	Notice detailed features of objects in my environment.	Use all my senses in hands-on exploration of natural materials Comment and ask questions, using wide vocabulary, about aspects of my familiar world such as the place where I live or the natural world. Talk about some of the things I have observed such as plants, animals, natural and found objects. Understand the key features of the life-cycle of a plant and an animal- Jack and the beanstalk . Show care and concern for living things and the environment	Look closely at similarities, differences, patterns and change.- Autumn walks . Explore the natural world around me. Describe what I see, hear and feel whilst outside.- Forest School .	Explore the natural world around them, making observations and drawing pictures of animals and plants. 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.



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		(planting seeds and growing plants.		
Plants	Notice detailed features of objects in my environment. Respond to different natural phenomena in my setting and on visits.	Talk about some of the things I have observed such as plants, animals, natural and found objects. Talking about some of the things I have observed such as plants, animals, natural and found objects.	Look closely at similarities, differences, patterns and change. Explore the natural world around me. Describe what I see, hear and feel whilst outside.	Explore the natural world around them, making observations and drawing pictures of animals and plants. 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. .
Living Things and their Habitats (Evolution)	Notice detailed features of objects in my environment.	Commenting and asking questions about aspects of their familiar world such as the place where they live or the natural world. Talking about some of the things I have observed such as plants, animals, natural and found objects.	Look closely at similarities, differences, patterns and change- butterflies. Explore the natural world around me. Describe what I see, hear and feel whilst outside.	Explore the natural world around them, making observations and drawing pictures of animals and plants. 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.
Everyday Materials	Notice detailed features of objects in my environment. Explore materials with different properties.	Talk about the differences between materials and changes I observe.	I Look closely at similarities, differences, patterns and change. Explore the natural world around me.	Know some similarities and differences between the natural world around them and contrasting environments, drawing on their



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	Explore natural materials, indoors and outdoors.	Explore and talk about different forces I can feel. Use all my senses in hands-on exploration of natural materials	Describe what I see, hear and feel whilst outside.	experiences and what has been read in class. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
Forces, Earth & Space	Repeat actions that have an effect Respond to different natural phenomena in my setting and on visits.	I can comment and ask questions, using wide vocabulary, about aspects of my familiar world such as the place where I live or the natural world.	Look closely at similarities, differences, patterns and change. Explore the natural world around me. Describe what I see, hear and feel whilst outside.	Explore the natural world around them, making observations and drawing pictures of animals and plants. 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. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
Sound, Light and Electricity	Repeat actions that have an effect	I can comment and ask questions, using wide vocabulary, about aspects of my familiar world such as the place where I live or the natural world.	Look closely at similarities, differences, patterns and change. Explore the natural world around me. Describe what I see, hear and feel whilst outside.	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. Understand some important processes and changes in the natural world around them,



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				including the seasons and changing states of matter.
Seasonal Changes	Respond to different natural phenomena in my setting and on visits.	Comment and ask questions, using wide vocabulary, about aspects of my familiar world such as the place where I live or the natural world.	Look closely at similarities, differences, patterns and change. Explore the natural world around me. Describe what I see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around me.	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. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.