

SITHNEY PRIMARY SCHOOL Subject Area: Science Topic: To Work Scientifically Lilac :3-4 Years Red = Reception		
Progression Steps	Co-ordinator Prompts	Class teacher Notes
Understand 'why' questions, like: "Why do you think the caterpillar got so fat?"	Provide opportunity for pupils to explore the environment around them and question what they can see, feel, hear etc.	
Talk about what they see, using a wide vocabulary.	Develop basic subject specific vocabulary through opportunities to explore and discuss.	
Use all their senses in hands-on exploration of natural materials.	Provide opportunity for outdoor learning to explore the environment, allowing them to feel, smell and listen and see natural objects. (Can you feel how crunchy the leaves are etc.)	
Ask questions to find out more and to check what has been said to them.	Present different scenarios to the pupils to create curiosity and ask questions. How does this work? How can I sort them? Why does this belong in this group? How do we plant seeds? Etc.	
Articulate their ideas and thoughts in well-formed sentences.	Teachers to model structured sentences using scientific vocabulary to support clarity and understanding of the learning. Support pupils with their own sentences, rephrasing where necessary.	
Describe what they see, hear and feel while they are	Listen to children describing and commenting on the things they have seen whilst outside. Encourage positive interaction with the outside	

outside.	world.	
<p>Make comments about what they have heard and ask questions to clarify their understanding.</p> <p>ELG</p>	<p>With support, explain why some things occur.</p> <p>Provide opportunity for pupils to explore the environment around them and question/discuss what they can see, feel, hear etc. Support them to articulate their understanding with scientific vocabulary e.g. when discussing the importance of brushing our teeth or labelling basic parts of a plant.</p> <p>With support, talk about what they have found out or what they think might happen next/ change based on their own experiences.</p>	
<p>Explore the natural world around them, making observations and drawing pictures of animals and plants.</p> <p>ELG</p>	<p>Use senses and simple equipment to explore the world around them, e.g. binoculars and magnifying glasses</p> <p>Talk to an adult about what has been found/found out.</p>	