



Science Environment Planning Aged Nursery

Resources	How is it organised and why	Link to EYFS / Research / C of EL	Adult Role
Magnifying glasses Tweezers Magnets Torches A tray/container that items can be added to regularly for children to explore e.g. flowers, magnetic/non-magnetic objects Sectioned containers Real plants Natural objects Smell boxes Science Books Feathers Oasis Feely bags Pictures showing how to use tools Watering cans Spray bottles Light table Dominos Ice Objects frozen in ice Filled bottles with various substances and colours	<p>In labelled child accessible containers so that children can use them whenever necessary.</p> <p>Ideally on a shelf/table top accessible to children.</p>	<ul style="list-style-type: none"> - Investigating chain reactions (balls/ dominoes, cylinders) linked to MATHS - Responding to the environment using different senses, linked to PD, UW - Exploring light as a tool for investigation by using the light and reflective mobiles, linked to UW - Explore concrete objects and the descriptive words that represent them: soft, hard, rough, smooth, silky and so on - Examining items closely, linked to UW - Weighing and measuring natural objects, linked to MATHS - Testing out simple machines (ramps and pulleys), linked to MATHS - Experimenting with colour and change linked to EAD - Investigating how materials can transform linked to UW - Making choices, accepting challenges and being open to change linked to PSED - Discovering that information can be retrieved from books to discover and explore, linked to Literacy - Using tools to support experiments (magnifiers and tweezers), linked to PD - Caring for living things (i.e. plants), linked to PSED & UW - Classifying objects according to attributes of size, species, colour and so on, linked to UW - Talking about the (here and now) investigative process, linked to CL - Be willing to have a go Cof EL because its irresistible 	<p>Adult to observe children exploring scientific equipment, if appropriate model ways how to use the equipment, question children and support their learning.</p> <p>encourage children to look at non-fiction books, questioning them. Adult to read books to children when requested.</p> <p>Adult to observe children exploring the different items, if appropriate question children and support their learning.</p> <p>Model using resources</p> <p>Model and show passion for investigating</p> <p>Model thinking out loud to encourage children to talk about the "here and now"</p>



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		<ul style="list-style-type: none">- Children have and develop their own ideas, are able to make links between ideas and develop a range of strategies for doing things Cof EL- Children concentrate and keep on trying when they encounter difficulties and enjoy their achievements Cof EL- Supports schemas	
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