



ST. ALBAN'S CATHOLIC PRIMARY SCHOOL
SCIENCE AREA
PROGRESSION OF SKILLS

Behaviour	Observe	Investigate/Experiment	Test	Resources to facilitate play
Extended Skill	<p>Closely observes experiments over a number of days</p> <p>Discusses what their observations tell them</p> <p>Seeks out things to observe to find things out</p>	<p>Records their findings in their own way</p> <p>Makes decisions about what will be the most effective resources to use to carry out experiment</p>	<p>Tests ideas and theories</p> <p>Plans what they will do next based on their findings</p>	<p>Sorting trays, collecting pots, Cameras Notebooks, notepads, clipboards</p>
Developing Skill	<p>Observes something with interest.</p> <p>Notices and comments on change in their environment, outdoors</p> <p>Asks questions about what they have observed</p>	<p>Uses appropriate resources to carry out chosen test</p> <p>Formulates a hypothesis about what they think will happen and why</p>	<p>Plans a test - considering what it is that they want to find out</p> <p>Thinks about how they can find out the answer to their question</p>	<p>Mirrors Pull/push toys Range of materials Range of objects Springs, spinners Timers Magnets</p>
Emerging Skill	<p>Observes the immediate world around them</p> <p>Comments on what they can see</p>	<p>Explores cause and effect</p>	<p>Explores cause and effect but changes a variable (e.g.:- Floating and sinking - will it float if there is more water?)</p>	<p>Goggles, magnifying glasses, binoculars Range of materials Range of interesting objects</p>