



St Hugh of Lincoln

R.C Primary School

Science/Investigation Area Progression Map

Behaviour	Observe	Investigate/ Experiment	Test	Resources to facilitate play
Extended skill	<ul style="list-style-type: none"> • Closely observes experiments over a number of days • Discusses what their observations tell them • Seeks out things to observe to find things out 	<ul style="list-style-type: none"> • Records their findings in their own way • Makes decisions about what will be the most effective resources to use to carry out experiment 	<ul style="list-style-type: none"> • Tests ideas and theories • Plans what they will do next based on their findings 	Sorting trays, collecting pots, Cameras Notebooks, notepads, clipboards
Developing Skill	<ul style="list-style-type: none"> • Observes something with interest. • Notices and comments on change in their environment, outdoors • Asks questions about what they have observed 	<ul style="list-style-type: none"> • Uses appropriate resources to carry out chosen test • Formulates a hypothesis about what they think will happen and why 	<ul style="list-style-type: none"> • Plans a test - considering what it is that they want to find out • Thinks about how they can find out the answer to their question 	Mirrors Pull/push toys Range of materials Range of objects Springs, spinners Timers Magnets
Emerging Skill	<ul style="list-style-type: none"> • Observes the immediate world around them • Comments on what they can see 	<ul style="list-style-type: none"> • Explores cause and effect 	<ul style="list-style-type: none"> • Explores cause and effect but changes a variable (e.g.:- Floating and sinking - will it float if there is more water?) 	Goggles, magnifying glasses, binoculars Range of materials Range of interesting objects