

# Early Stage 1 Science



## STAGE STATEMENT

By the end of Early Stage 1 students' sense of wonder and curiosity about the Natural Environment and the Made Environment is fostered through purposeful play, observing, questioning and exploring ideas. They learn about and use the processes of Working Scientifically and Working Technologically in a holistic way and they often work in situations where these aspects occur at the same time.

Students recognise that science involves them exploring their immediate surroundings using their senses. They identify that living things have basic needs and suggest how daily and seasonal changes in the environment affect them and other living things. Students recognise that the way objects move depends on a variety of factors. They identify that objects are made of materials that have observable properties and that familiar products, places and spaces are made to suit their purpose.

Through active participation in the processes of Working Scientifically and Working Technologically, students show a growing awareness of the appropriate use of a range of classroom equipment and work safely when using resources and materials. They communicate their observations and ideas about familiar objects, events, places, spaces and products. Students share their findings and ideas about what they already knew, what they observed, what they did, how they felt about it and the usefulness of their final solutions.

## OUTCOMES

Outcome		
Values and Attitudes	STe-1VA	shows interest in and enthusiasm for science and technology, responding to their curiosity, questions and perceived needs, wants and opportunities
	STe-2VA	demonstrates a willingness to engage responsibly with local, national and global issues relevant to their lives, and to shaping sustainable futures
	STe-3VA	develops informed attitudes about the current and future use and influence of science and technology based on reason
Skills	STe-4WS	explores their immediate surroundings by questioning, observing using their senses and communicating to share their observations and ideas
	STe-5WT	uses a simple design process to produce solutions with identified purposes
Knowledge and Understanding	STe-6NE Physical World	identifies that the way objects move depends on a variety of factors
	STe-7NE Earth & Space	observes, using their senses, how daily and seasonal changes in the environment affect them and other living things
	STe-8NE Living World	identifies the basic needs of living things
	STe-9ME Material World	identifies that objects are made of materials that have observable properties
	STe-10ME Built Environments	relates the properties of common materials to their use for particular purposes