



ABLEWA Science: Scope and Sequence

Science Understanding

		Stage A	Stage B	Stage C	Stage D	Pre primary	Year 1
Science understanding	Biological sciences	Living things are part of the world around us (ACSSU002a)	Living things can look and feel different (ACSSU002b)	Living things have different names and parts (ACSSU002c)	Living things can be plants or animals (ACSSU002d)	Living things have basic needs, including food and water	Living things have a variety of external features Living things live in different places where their needs are met
	Chemical sciences	Objects are part of the world around us (ACSSU003a)	Objects can be the same or different and can look and feel different (ACSSU003b)	Objects have different names properties and some can be manipulated and change (ACSSU003c)	Objects can be sorted into groups based on their properties, and some objects can be mixed and changed (ACSSU003d)	Objects are made of materials that have observable properties	Everyday materials can be physically changed in a variety of ways
	Earth and space sciences	The world changes can affect how I feel/react (ACSSU004a)	The weather and time of day changes (ACSSU004b)	Weather involves sun, rain, wind and clouds and can be hot, cold and warm (ACSSU004c)	Events and clothing are effected by weather and time of day (ACSSU004d)	Daily and seasonal changes in our environment, including the weather, affect everyday life	Observable changes occur in the sky and landscape
	Physical sciences	Objects can be moved and touched (ACSSU005a)	Objects can be changed and manipulated by me (ACSSU005b)	I can move objects in different types of ways (ACSSU005c)	Objects can move differently using the same type of movement (ACSSU005d)	The way objects move depends on a variety of factors, including their size and shape	Light and sound are produced by a range of sources and can be sensed

Science and Human Endeavour

		Stage A	Stage B	Stage C	Stage D	Pre primary	Year 1 and Year 2
Science as a human endeavour	Nature and development of science	There are objects in the world around me (ACSHE013a)	The world and objects can be explored (ACSHE013b)	Objects and parts of the world have names and characteristics (ACSHE013c)	Science is about the world around me (ACSHE013d)	Science involves exploring and observing the world using the senses	Science involves asking questions about, and describing changes in, objects and events
	Use and influence of science						People use science in their daily lives, including when caring for their environment and living things

Science Inquiry Skills

		Stage A	Stage B	Stage C	Stage D	Pre primary	Year 1 and Year 2
Science inquiry skills	Questioning and predicting	Engage and react to objects and events (ACSISO014a)	Engage in simple cause-and-effect exploration (ACSISO014b)	Supported to engage in simple scientific inquiry (ACSISO014c)	Actively join in exploration of familiar objects and events (ACSISO014d)	Respond to questions about familiar objects and events	Respond to and pose questions, and make predictions about familiar objects and events
	Planning and conducting	React and respond to changes in the world around them (ACSISO011a)	Explore using their senses (ACSISO011b)	Supported to use the senses to identify some characteristics (ACSISO011c)	Actively observe, explore and manipulate (ACSISO011d)	Explore and make observations by using the senses	Participate in different types of guided investigations to explore and answer questions, such as manipulating materials, testing ideas, and accessing information sources. Use informal measurements in the collection and recording of observations, with the assistance of digital technologies as appropriate
	Processing and analysing data and information	Accept and reject objects, events and world (ACSISO233a)	Develop an awareness of consequences and actions (ACSISO233b)	Use 'yes' or 'no' response, pictures, photos, symbols, concrete objects to demonstrate their findings (ACSISO233c)	Use words to answer simple questions about observations and record observations using pictures and words (ACSISO233d)	Engage in discussions about observations and use methods such as drawing to represent ideas	Use a range of methods to sort information, including drawings and provided tables Through discussion, compare observations with predictions
	Evaluating						Compare observations with those of others
	Communicating	Communicate by initiating and refining their responses and use of accept-or-reject gestures or actions (ACSISO012a)	Respond to language used to label and describe properties and begin to identify familiar objects (ACSISO012b)	Use pictures, photos, symbols, concrete objects and/or some simple familiar words to facilitate communication (ACSISO012c)	Use simple, scientific vocabulary and begin to describe their activities and observations, using both general and scientific language (ACSISO012d)	Share observations and ideas	Represent and communicate observations and ideas in a variety of ways such as oral and written language, drawing and role play