

Blue Safety Education Package

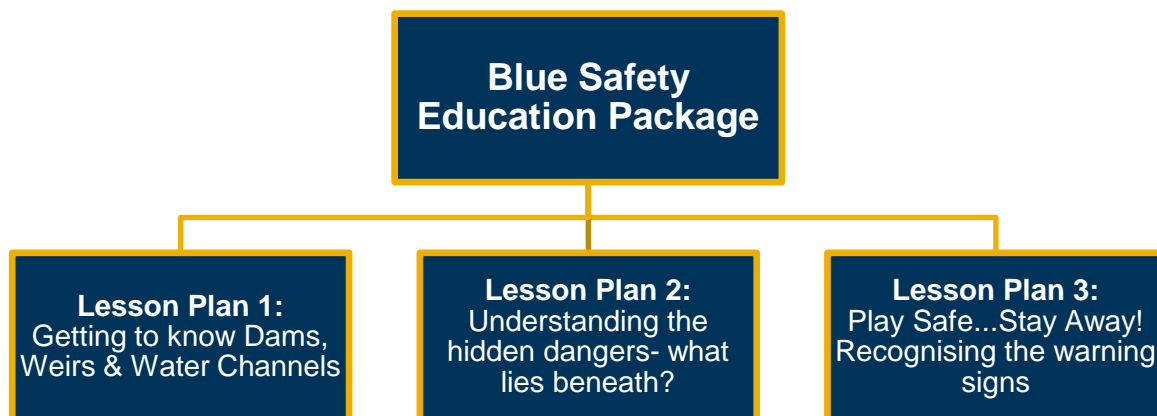
Overview for Teachers & Curriculum Links

Introduction

SunWater is Queensland's leading regional bulk water infrastructure company, supplying more than 5,000 customers in the agriculture, local government, mining, industrial and energy sectors. For more than 80 years, SunWater has managed a network of infrastructure including 19 dams; 66 weirs and barrages; 82 pumping stations and more than 3,000 kilometres of pipelines and channels. SunWater continues to work with local communities to raise awareness around water safety.

The Blue Safety Education Package targets children in years Prep to Grade 4 with the aim of informing and engaging children to have a better awareness of dams, weirs and water channels and a clear understanding of the key risks and dangers associated with being around this infrastructure and how to stay safe.

The Blue Safety Education Package comprises three separate lesson plans for Grades Prep to 2 and three lesson plans for Grades 3 and 4 with a focus on the following key learning areas:



These lesson plans are supported by activities and resources specifically aimed at lower and middle aged primary students. The educational resources have been linked to the Australian Curriculum, version 8.3, in the subject areas of Science, Health and Physical Education, Humanities and Social Sciences (Geography), English and Visual Arts. This ensures the resources are relevant to teachers looking to engage their students in awareness of, and safety around, bulk water infrastructure. These curriculum links are provided below.

This education package aligns closely with educational information, videos and teaching resources available via the [SunWater website](#). Use of the water drop character, Blue, throughout the lesson plans and supporting resources and activities, acts as a point of reference for primary school age students and provides a linking element across all aspects of the education program.

The Blue Safety Education Package has been developed to allow for flexible delivery. It can be delivered in its entirety as an integrated unit of work; any of the three lesson plans can be delivered as discrete elements; or the individual activities, class discussions and resources can be utilised as independent learning tools.

Program structure

Each of the lesson plans incorporates the following elements:

Context	This is background information, primarily for the interest of the teacher, to assist in preparation and help set the context for the class discussion and activities.
Learning Outcomes	Demonstrates the key learning opportunities for students who engage with the resource.
Class Discussion and/or Activity	Provides an opportunity for the teachers to involve students in a class discussion that will help to engage the students in the topic and allow for an assessment of any prior subject knowledge or awareness. Each class discussion is supported by an activity sheet to be completed by the students either individually, in small groups or as a class, to consolidate learning. All instructions and resources required to complete the activities are included in the resource.
Website links	Links to the SunWater website and to the existing teaching resources, such as the 'Play Safe...Stay Away!' video and classroom posters will provide further background information and context setting to assist teachers in delivery preparation.
Reflection/extension exercise	Provides students with an opportunity to engage in further exercises and activities and can be used by teachers wanting to extend the learning opportunities for their students.



Blue Safety Education Package – National Curriculum Links (P- 4)

Learning area	Year level	Strand	Content descriptions
			<ul style="list-style-type: none"> Lesson Plan 1: Getting to know dams, weirs and water channels. Lesson Plan 2: Understanding the hidden dangers- what lies beneath? Lesson Plan 3: Play Safe...Stay Away! Recognising the warning signs
Science	1	Science Understanding	Observable changes occur in the sky and landscape (ACSSU019)
	2	Science Understanding	Earth's resources are used in a variety of ways (ACSSU032)
	4	Science Understanding	Earth's surface changes over time as a result of natural processes and human activity (ACSSU075)
Health and Physical Education	Prep	Being healthy, safe & active	Identify people and demonstrate protective behaviours and other actions that help keep themselves safe and healthy (ACPPS003)
		Contributing to healthy & active communities	Identify actions that promote health, safety and wellbeing (ACPPS006)
	1&2	Being healthy, safe & active	Recognise situations and opportunities to promote health, safety and wellbeing (ACPPS018)
Humanities and Social Sciences	1	Geography- Knowledge & Understanding	The natural, managed and constructed features of places , their location, how they change and how they can be cared for (ACHASSK031) Activities in the local place and reasons for their location (ACHASSK033)
	4	Geography- Knowledge & Understanding	The use and management of natural resources and waste, and the different views on how to do this sustainably (ACHASSK090)

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English	Prep	Literacy- Interacting with others	Listen to and respond orally to texts and to the communication of others in informal and structured classroom situations (ACELY1646)
		Literacy- Interpreting, analysing, evaluating	Use comprehension strategies to understand and discuss texts listened to, viewed or read independently (ACELY1650)
	1	Literacy- Interacting with others	Engage in conversations and discussions, using active listening behaviours, showing interest, and contributing ideas, information and questions (ACELY1656) Use interaction skills including turn-taking, recognising the contributions of others, speaking clearly and using appropriate volume and pace (ACELY1788)
		Literacy- Interpreting, analysing, evaluating	Use comprehension strategies to build literal and inferred meaning about key events, ideas and information in texts that they listen to, view and read by drawing on growing knowledge of context, <u>text</u> structures and language features (ACELY1660)
	2	Literacy- Interacting with others	Listen for specific purposes and information, including instructions, and extend students' own and others' ideas in discussions (ACELY1666)
			Use interaction skills including initiating topics, making positive statements and voicing disagreement in an appropriate manner, speaking clearly and varying tone, volume and pace appropriately (ACELY1789)
	3	Literacy- Interacting with others	Listen to and contribute to conversations and discussions to share information and ideas and negotiate in collaborative situations (ACELY1676)
			Use interaction skills, including active listening behaviours and communicate in a clear, coherent manner using a variety of everyday and learned vocabulary and appropriate tone, pace, pitch and volume (ACELY1792)
		Literacy- Creating texts	Plan, draft and publish imaginative, informative and persuasive texts demonstrating increasing control over text structures and language features and selecting print, and multimodal elements appropriate to the audience and purpose (ACELY1682)



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English	4	Literacy- Interacting with others	Interpret ideas and information in spoken texts and listen for key points in order to carry out tasks and use information to share and extend ideas and information (ACELY1687) Use interaction skills such as acknowledging another's point of view and linking students' response to the topic, using familiar and new vocabulary and a range of vocal effects such as tone, pace, pitch and volume to speak clearly and coherently (ACELY1688)
		Literacy- Interpreting, analysing, evaluating	Use comprehension strategies to build literal and inferred meaning to expand content knowledge, integrating and linking ideas and analysing and evaluating texts (ACELY1692)
		Literacy- Creating texts	Plan, draft and publish imaginative, informative and persuasive texts containing key information and supporting details for a widening range of audiences, demonstrating increasing control over text structures and language features (ACELY1694)
Visual Arts	P-2	Knowledge and skills	Create and display artworks to communicate ideas to an audience (ACAVAM108)
	3-4		Present artworks and describe how they have used visual conventions to represent their ideas (ACAVAM112)