

Aqua Allies

A primary school learning program tailored for Stages 1, 2 and 3.

Designed by qualified teachers, this in-school learning experience invites students to join Jila, the platypus, on an exploration of all things water.



How do I interact with water?

How does water get to my tap?

Where does the wastewater go when it leaves my house?

How can I care for water and use water more sustainably?

Throughout the learning experience, students will have the opportunity to build their very own urban water cycle, learn about Sydney Water’s filtration and treatment process and reveal what household products are best to bin!

At the completion of the learning experience, students will become certified **Aqua Allies!**





Aqua Allies Program Information

Cost

Aqua Allies is delivered at **no cost**. All learning resources are provided by Sydney Water.

Learning Space

Our Stage 1 program is best delivered in student classrooms with a combination of floor and desk work. Our Stage 2 and 3 program is best delivered under cover outdoors or in a large learning space e.g., hall.

Duration

The program accommodates 1 class of 30 students per 60 minutes.

Multiple sessions can be delivered across a school day e.g., before and after recess

Staff

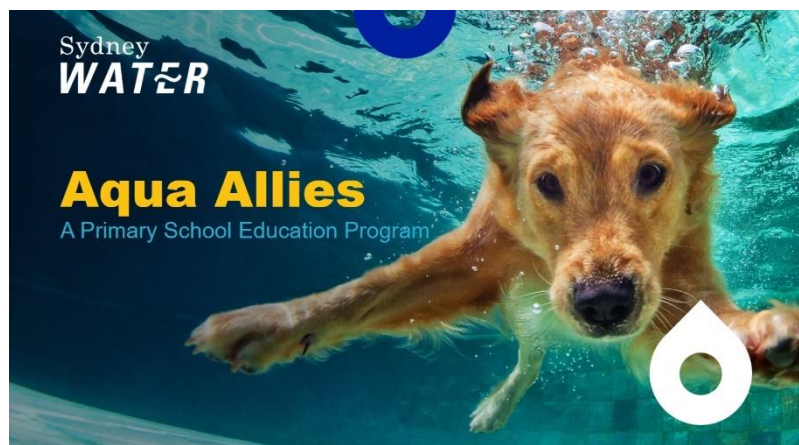
Two Community Education Team members from Sydney Water will lead the learning experience.

Classroom teachers assist through active supervision.

Syllabus Connections

Whilst this program supports Stage 1, 2 and 3 NSW Geography and Science and Technology Syllabus outcomes; modifications can be made to address a range of outcomes and stages.

Upon booking confirmation, a **Teacher Resource Package** to support student learning prior to our visit, or consolidate student learning following our visit, will be provided.



Contact Us For more information or to express your interest in booking the Aqua Allies in-school learning experience, contact the Community Education Team at wondersofwater@sydneywater.com.au

Aqua Allies Proposed Timetable

Stage 1	
Duration	Activity
5 minutes	Introduction (whole class)
20 minutes	<p>Activity A: Jila's Treasure Chest</p> <p>Facilitated by a Community Education Officer, this engaging activity invites students to explore the contents of Jila's treasure chest – what is special to her? And what does Jila want you to know? Students will embark on a journey of exploration – what household products can and can't be flushed?</p>
25 minutes	<p>Activity B: Urban Water Cycle</p> <p>Facilitated by a Community Education Officer, this engaging activity invites students to build their very own city. As they work through a series of steps, students will learn about the key infrastructure and facilities operated by Sydney Water and uncover how water moves around in the pipes above and below ground.</p>
10 minutes	Conclusion (whole class) and distribution of Aqua Allies Stickers
Stage 2 and 3	
Duration	Activity
5 minutes	Introduction (whole class)
25 minutes	<p>Activity A: Urban Water Cycle</p> <p>Facilitated by a Community Education Officer, this engaging activity invites students to build their very own city. As they work through a series of steps, students will learn about the key infrastructure and facilities operated by Sydney Water and uncover how water moves around in the pipes above and below ground.</p> <p>Activity B: Scientific Investigation</p> <p>Facilitated by a Community Education Officer, this engaging activity invites students to investigate the properties of common household items to determine what is okay to flush. Students will learn that every year, 500 tonnes of unflushable products make their way down the toilet.</p>
25 minutes	Groups rotate
5 minutes	Conclusion (whole class) and distribution of Aqua Allies Stickers

Aqua Allies Syllabus Connections

Stage 1

Geography: Features of Places

Outcomes

A student:

describes features of place and the connections people have with places GE1-1

identifies ways in which people interact with and care for places GE1-2

Science and Technology: Earth and Space

Outcomes

A student:

recognises observable changes occurring in the sky and on the land and identifies Earth's resources ST1-10ES-S

Stage 2

Geography: The Earth's Environment

Outcomes

A student:

examines features and characteristics of places and environments GE2-1

describes the ways people, places and environments interact GE2-2

examines differing perceptions about the management of places and environments GE2-3

Science and Technology: Material World

Outcomes

A student:

questions, plans, and conducts scientific investigations, collects, and summarises data and communicates using scientific representations ST2-1WS-S

investigates the suitability of natural and processed materials for a range of purposes ST2-7MW-T

Stage 3

Geography: Factors that Shape Places

Outcomes

A student:

describes the diverse features and characteristics of places and environments GE3-1

explains interactions and connections between people, places, and environments GE3-2

compares and contrasts influences on the management of places and environments GE3-3

Science and Technology: Material World

Outcomes

A student:

plans and conducts scientific investigations to answer testable questions, and collects and summarises data to communicate conclusions ST3-1WS-S

explains how the properties of materials determine their use for a range of purposes ST3-7MW-T