DRIP DROP

Y2

Who needs water?

SCIENCE
SUSTAINABILITY

Learn about water – our most precious resource – in a new program for Year 2s!

After 21 years teaching water conservation values to upper primary classes, we are now bringing the topic to life for your Year 2 Science Curriculum. Students will participate in hands-on games and scientific discovery to learn about the water cycle, consider how water is used and learn why we need to care for it. Using fun and interactive activities, they will discover how many living things rely on water and identify actions that can help conserve this resource.

In this program, your Year 2 students will:

- ✓ Recognise that all living things rely on water.
- ✓ Discover that water is a finite resource.
- ✓ Identify actions which can conserve water.
- ✓ Use everyday materials to create a water filter.

WHAT TO EXPECT

	Before your session starts, make your way to the meeting point (confirmed on booking).
	We start with a short presentation about water in Whiteman Park, recognising that many living things rely on this resource that may be threatened.
	Exploring the water cycle, students must divide the much-needed water among a variety of needs: humans, native plants and animals and farms. Is there enough to go around?
	In four groups, students play an interactive game to see how we can conserve water in the home. Using model drains and role-play, students will get to see a visual representation of how much water can be wasted down the drain. Together, they will work out how to be water savers, not water wasters!
	Reducing our water use is just one part of their learning goal – the other is to work out if they can *recycle* it. Students will use some common materials to create a water filter to see if dirty water can be cleaned.
	As a class, your students will share some of the interesting facts that they have learnt about water use and conservation.

Cost	$6.00 per child
Availability	■ Term 2 Weeks 7 and 8: 27 May – 7 June ■ Term 3 Weeks 3 and 4: 5–16 August
Duration	75 minutes
WA Curriculum Links	■ Science: ACSSU032, ACSHE035, ACSIS037, ACSIS038 ■ Sustainability: OI.1 - OI.3; OI.6 - OI.7, OI.9 *See over for details.*

Important information:

- Parent helper assistance is required for individual groups.
- This is an outdoor activity. Weather appropriate clothing and enclosed shoes are required by all participants.
- Natural hazards such as biting insects may be present.

Whiteman Park
T: 08 9209 6000 | E: enquiries@whitemanpark.com.au | W: whitemanpark.com.au
@ whitemanpark

WHITEMAN PARK
CONSERVATION • RECREATION • EDUCATION

WA CURRICULUM LINKS

SCIENCE	
Science Understanding	**Earth and Space Science** Earth's resources are used in a variety of ways (ACSSU032) Elaborations: ■ identifying actions at school such as turning off dripping taps, that can conserve resources. ■ identifying the Earth's resources including water, soil and minerals, and describing how they are used in the school. ■ considering what might happen to humans if there were a change in a familiar available resource, such as water.

SCIENCE	
Science as a Human Endeavour	**Use and Influence of Science** People use science in their daily lives, including when caring for their environment and living things (ACSHE035) Elaborations: ■ recognising that many living things rely on resources that may be threatened, and that science understanding can contribute to the preservation of such resources. ■ identifying the ways humans manage and protect resources, such as reducing waste and caring for water supplies.

SCIENCE INQUIRY SKILLS	
Questioning and Predicting	Pose and respond to questions about familiar objects and events (ACSIS037) Elaborations: ■ thinking about 'What will happen if...?' type questions about everyday objects and events.
Planning and Conducting	Participate in guided investigations to explore and answer questions (ACSIS038) Elaborations: ■ manipulating objects and materials and making observations of the results.

SUSTAINABILITY	
Organising Ideas	**Systems** **OI.1** The biosphere is a dynamic system providing conditions that sustain life on Earth. **OI.2** All life forms, including human life, are connected through ecosystems on which they depend for their wellbeing and survival. **OI.3** Sustainable patterns of living rely on the interdependence of healthy social, economic and ecological systems. **Futures** **OI.6** The sustainability of ecological, social and economic systems is achieved through informed individual and community action that values local and global equity and fairness across generations into the future. **OI.7** Actions for a more sustainable future reflect values of care, respect and responsibility, and require us to explore and understand environments. **OI.9** Sustainable futures result from actions designed to preserve and/or restore the quality and uniqueness of environments.