

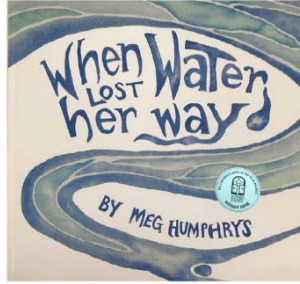
# National WATER WEEK

19-25 OCTOBER 2020



## Online Learning Festival

Reimagining our Water Future



## Welcome to the National Water Week Online Learning Festival!

National Water Week is a good chance for individuals, communities and organisations to build awareness around the value of water. Access to clean water is hugely important to our daily lives, and it's down to all of us to protect our water environments and resources, and use water wisely.

Our Education Officer and [website](#) are available year-round with resources, education sessions and individualised support. Please contact us by email: [communications@coliban.com.au](mailto:communications@coliban.com.au)

## About our program

We have lots of resources for you! Resources are categorised under the following headings:

### Live and Feature Events

#### Available on-demand:

- Storytime Videos
- Mindfulness
- Science experiments and STEM
- Urban Water Cycle
- Waterways
- Water Efficiency and Innovation

*Suggested level / curriculum links provided in italics.*

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## Live and feature events

### Monday 19 October

Festival launch and poster competition award ceremony. We will be announcing the 2020 poster competition winners in this short video. Video available from 10:00 am on our [Facebook](#) page. *Primary*

Tapstar Saves Water: Eaton Gorge Theatre Company will be performing online - a vibrant and energetic experience with plenty of humour while learning how to save water, why tap water is the best and what happens if the wrong things are put down the sink, toilet or drain. Our fun [activity book](#) has some follow up activities. Available [on-demand](#) from Monday 19 October for 4 weeks. *Kindergarten and Lower Primary*

### Tuesday 20 October

[Celebrate with Nova Peris OAM](#), Melbourne Water's Principal Advisor Aboriginal Engagement. Listen to Nova's reflections, with an Aboriginal perspective, on the National Water Week theme 'reimagining our water future'. 10:00 – 11 am [Registration](#) required. *Primary & Secondary*

Water Hero Storytime Special: Do you have what it takes to wear the blue cape? A water hero uses water carefully and makes tap water their main drink to stay healthy. Songs and stories to encourage our little people to love and respect water. This session is co-delivered with Goldfields Libraries. [Print](#) or [request](#) a Water Hero booklet. Video [available](#) from 10:30 am Tuesday 20 October. *Kindergarten*

[Managing the effects of climate change and population growth across the Melbourne sewerage system](#): How will climate change and increasing population influence the future? Join us to discuss climate issues with a wastewater expert while using the [Western Treatment Plant virtual tour](#). 11.30am – 12.30 pm [Registration](#) required. *Secondary & Community*



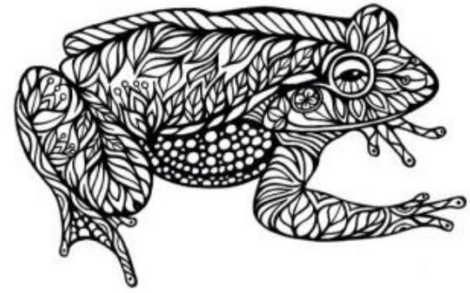
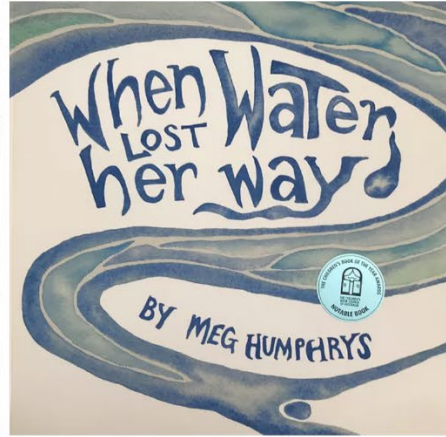
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### Wednesday 21 October

[Curious Creatures, Wild Minds Book Week interview](#) with award-winning author and illustrator Meg Humphrys. Meg will be talking about her book, *When Water Lost Her Way*, which features the water cycle and a very curious creature – a cave salamander! We are particularly interested to find out how Meg combined her interests in art and science to create a fictional story about a scientific process. [Interview](#) available on demand. [Audiobook](#), [teacher resources](#) and a [water cycle meditation](#) will allow you to revisit this story throughout the week. *Upper Primary, Science & English*

[Enhancing our Dandenong Creek](#) : Join us in this live webinar to find out how an area of Dandenong Creek was reimagined with community and stakeholders, while taking an innovative approach to sewerage management. 4:00 - 5:00 pm. [Registration](#) required. *Secondary & Community*

### Thursday 22 October

[Western Treatment Plant Augmented Reality App](#): Step off into the wonderful world of the Western Treatment Plant with this clever augmented reality experience. Bring your device and learn how to download the app. You will get a glimpse of the sewage treatment process at this world leading, environmentally friendly, treatment plant which treats 50% of Melbourne's sewage. 10:30 – 11:00 am. [Registration](#) required. *Secondary & Community*

[Creating a frog-friendly habitat](#): Learn how to create a frog pond and frog friendly garden with James Frazer of Melbourne Water Frog Census. This session will teach you all the basics of planning and building a pond, as well as introducing the breeding strategies of some common Victorian frog species. 4:00 – 5:00 pm. [Registration](#) required. *Primary & Secondary*

### Friday 23 October Public Holiday in Victoria

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**The following resources are available to use anytime:**

## Storytime videos

[Clap Clap Choose Tap](#) Join Tap and his friends to learn more about the importance of drinking water for your health and wellbeing through story and dance. *Kindergarten*

[After the drain](#) Find out what happens after you flush your toilet! *Kindergarten & Primary*

Our [storytime video collection](#) includes a range of books, including *Water is Water*, *Little Cloud* and *Who Sank the Boat?* *Kindergarten/Primary*

[The Water Princess by Susan Verde](#): This wonderfully illustrated book tells the story of a young girl who dreams of bringing clean drinking water to her African village. With its wide sky and warm earth, Princess Gie Gie's kingdom is a beautiful land. But clean drinking water is scarce in her small African village. [Supporting worksheets](#) available. *Kindergarten/Primary*

[Shane the Siltbuster](#): Join Shane the Siltbuster as he helps his friends clean the drinking water in a rural town after a bushfire threatens their water supply. Based on real events in East Gippsland, you will find out how water treatment changes after bushfires. *Primary*

[The Magic School Bus - Wet all Over](#): Journey through the water cycle with Ms Fizzle's class as they evaporate, condense, rain and make their way back to the ocean, only to evaporate all over again! *Primary*

[The Rhythm of the Rain by Grahame Baker Smith](#): A beautifully illustrated story that ventures from home to another country and back again, describing the water cycle. You'll love the poetic words and the images can lead to conversations about water access, sea creatures and pollution. More [water cycle activities](#) are available on our website. *Primary*

## Mindfulness

[Water cycle yoga](#): Join yoga teacher, Victoria, on a journey through the water cycle. Made in Bendigo, this calming video is designed to help tactile learners process and retain information about the water cycle. *Kindergarten & Primary Science, Personal and Social Capability*

[Guided meditation](#) and mindfulness activities: students visualise water as it changes form and moves through the water cycle. [Support materials](#) include a mindfulness colour-in sheet and instructions for a calming jar. *Primary, The Arts, English, Health and Physical Education, Science*

Check out these calming water-themed colouring sheets that reinforce classroom learning: [platypus](#), [frog life cycle](#), [only flush the 3 Ps](#), [save water at home](#), [drink tap water](#), [keep our oceans clean](#), [Tap Guardian reminder sign](#)

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Environment, Land, Water and Planning



## Science Experiments and STEM

Celebrate National Water Week with a daily experiment with Wally the Water Scientist: [Rain Gauge](#), [Water Cycle in a Bag](#), [Walking Water](#) and [The State of Water](#). Each experiment uses common items found in the home or classroom making it easy for kids to have a go themselves. [Support materials](#) are available. *Kindergarten & Primary Science*

[Introducing the Water Cycle and States of Matter](#) and [STEM play in wet weather](#) are professional development videos for Early Educators, presented by Dana Twycross, [Discovery Science and Technology Centre](#), Bendigo. *Kindergarten & Primary*

[Water cycle game](#): reinforce or reintroduce the water cycle with a simulation that demonstrates the complexity and random movement of water. A large clear room or outdoor area is recommended. Background notes and printable signs provided. You will need dice. *Upper Primary, Science*

[Make a basic water filter using common household items](#): The session encourages strategic thinking around how a water filter works and what materials will best achieve the ultimate aim of cleaning our sample of dirty water. Who can make the cleanest water? [Lesson plan](#) also available. *Secondary Science*



## Urban Water Cycle

### Videos

[Toilets and the 3Ps](#): We will show you all the things people flush down toilets, some on purpose and some by accident! There are only 3 things that should be flushed and we call them the 3 Ps. We will show you how toilet paper breaks down in our sewers differently to other things that are flushed....and we talk about fatbergs too! *Primary*

[Catchment to tap](#): Find out how water gets to your tap and what happens after you've used it. Aligned with Victorian Curriculum Year 7 Science and Geography, this is a fantastic overview of water delivery and wastewater management. *Secondary/Community*

[Daylesford Water Treatment Plant](#): We use a number of different water treatment processes and technologies, depending on the characteristics of the water in the supply system. Find out how the water in Daylesford is treated before it comes to your taps! *Secondary/Community*

[How do scientists test water?](#) Find out in this virtual laboratory tour! The Central Highlands Water laboratory offers a range of testing services including compliance and operational monitoring of drinking water, wastewater, trade waste and environmental water. *Secondary/Community*

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## Urban Water Cycle (Continued)

[Tour the Ballarat South Wastewater Treatment Plant](#) - without the smells! Find out how wastewater is collected and treated after it leaves your home via sinks, dishwashers or toilets. *Secondary/Community*

[Going Green when we Clean](#): Discover some simple recipes for cleaning products to use around the home. Many store-bought cleaners contain harsh chemicals. You'll also discover some impacts that chemicals can have on the environment. *Secondary/Community*

### Printable resources:

[Water cycle word find](#): Help children broaden and consolidate their water cycle vocabulary with this fun word search. *Primary*

[Sewer smart worksheet](#): Lots of things that shouldn't be flushed down the toilet or washed down the sink end up in our sewerage system. These things can cause problems like blocked pipes and a smelly mess! Answers provided. *Primary*

## Waterways

### Videos

[Waterbug Discovery](#): Join the [Corangamite CMA](#) citizen science program to see how to collect and identify the creatures living in creeks and wetlands. Discover some of the features and adaptations of waterbugs that allow them to live underwater. The video will give you information on why a diversity and abundance of waterbugs matters and how you can discover waterbugs too. *Primary, Science*

[Environmental Water](#): Learn about the important balance we must strike to provide water for human uses and water for the environment to ensure our natural systems are healthy and resilient. E-Water is the key and is having amazing impacts for waterways and wetlands across the state! [Further resources](#) available. Recommended for Grades 3-8. *Science, Geography*

[Wilam: A Birrarung Story](#) is an absolutely stunning picture book that explores the teeming wildlife that exists along Birrarung, Melbourne's Yarra River. It teaches us Woiwurrung language for the river and its inhabitants, and asks us to reflect on the importance of the river not only to animals but also to the humans who live in its vicinity. [Teacher notes](#) provided by Walker Books.

### Printable resources

[Reimagining our Water Future](#) activity matrix: Choose your own adventure with these thought provoking, fun-filled activities across multiple curriculum areas and learning styles, developed by North Central Catchment Management Authority and [River Detectives](#) educators. *Primary*

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## Water Efficiency & Innovation

[Water Efficiency in schools](#): Perfect for teachers seeking practical resources and advice to increase water efficiency at their school, this [ResourceSmart Schools](#) workshop was recorded in September 2020. The [water checklist](#) and [audit tool](#) support this session from Loddon Mallee Waste and Resource Recovery Group.

In [Waterwise](#) Kids Teaching Kids Director Arron Wood explores innovations in water management. He talks with farmers, town planners, irrigators and park rangers, tours the desalination plant, goes underground at the MCG and learns more about the Werribee sewage treatment plant, to see how recycled water is being used for industry and in new housing developments. [Question sheet](#) available. *Secondary Science, Geography*

### Printable resources:

Our [Water Hero Kindergartens](#) resource brings together experience, actions and activities from early learning centres across our region.

[Water wise fill in the blanks](#): assist students to remember useful tips that will help them conserve water at both home and school. *Primary*

[Water Wise Chatterbox](#) - Download and print this origami chatterbox to help teach children about the importance of using water wisely! Mr Drippy asks questions like 'how long should you take a shower for?' or 'how much water do you save by brushing your teeth with the tap off?'. Students will soon learn how water wise they are in a fun and educational way! *Primary*



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