

PROGRAMMES & RESOURCES FOR PRE-SCHOOLS



TAKE THE LEAD, SPREAD THE BUZZ

SHOUT OUT YOUR IDEAS FOR:
SPREADING WATER MESSAGES TO THE COMMUNITY
& TWINNING OPPORTUNITIES WITH PARTNERS

It takes two hands to clap. By working together, we can achieve so much more. If you have brilliant ideas to share, please email shamala_devi_komrasamy@pub.gov.sg



Presbyterian Community Services organised an inter-generation water themed carnival @ Jurong Lake to educate the community on the importance of saving water.



Children from PCF Sparkletots @ Boon Lay Blk 631 visited residents to get signatures for the "Pledge to Conserve Water" Chart.



K2 children from MOE Kindergarten @ Farrer Park performed a skit for lower primary students at Farrer Park Primary School to advocate for the water cause.

SINGAPORE WORLD WATER DAY



World Water Day is held annually on 22 March, a day designated by the United Nations to celebrate the importance of water sustainability.

In Singapore, World Water Day is a nation-wide celebration by the community, for the community to celebrate the importance of water **in the month of March**. Every drop counts, every contribution matters, no matter how big or small!

Celebrate Singapore World Water Day and show your support for the water cause!

For more information, visit
www.singaporeworldwaterday.com

ORGANISING YOUR OWN WORLD WATER DAY EVENT

Allocating a day or a week to commemorate Singapore World Water Day is a great way to get your school's staff and children started in becoming more water conscious. Fun little steps can lead to greater achievements for the water cause. Some ideas to organise a successful water-centric event are as follows:

GETTING STARTED

- Set a date for your water event in March.
- Decide on a theme for your event. You may link it to Singapore World Water Day's theme.
- Draft fun activities and explore how water topics can be weaved into lesson plans and assembly talks.

SPREAD THE BUZZ

- Share your event on Facebook, Twitter and Instagram with #SGWorldWaterDay.

GETTING SUPPORT

- We can help to twin schools with other community partners.
- Schools can obtain materials by filling in the Resource Request Form in this kit.





Friends of Water

CELEBRATE SINGAPORE WORLD WATER DAY



Children and teachers from St Joseph's Church Kindergarten performed songs and skits to convey the message on water conservation.



Children from Kinderland @ Marine Parade made water-themed paintings at Bedok Reservoir and participated in litter picking exercise.



Children from PCF Sparkletots @ Admiralty Childcare Blk 585 created posters and banners to celebrate Singapore World Water Day.

Children learning about dual flush system and how it saves water.



WATER RATIONING EXERCISE

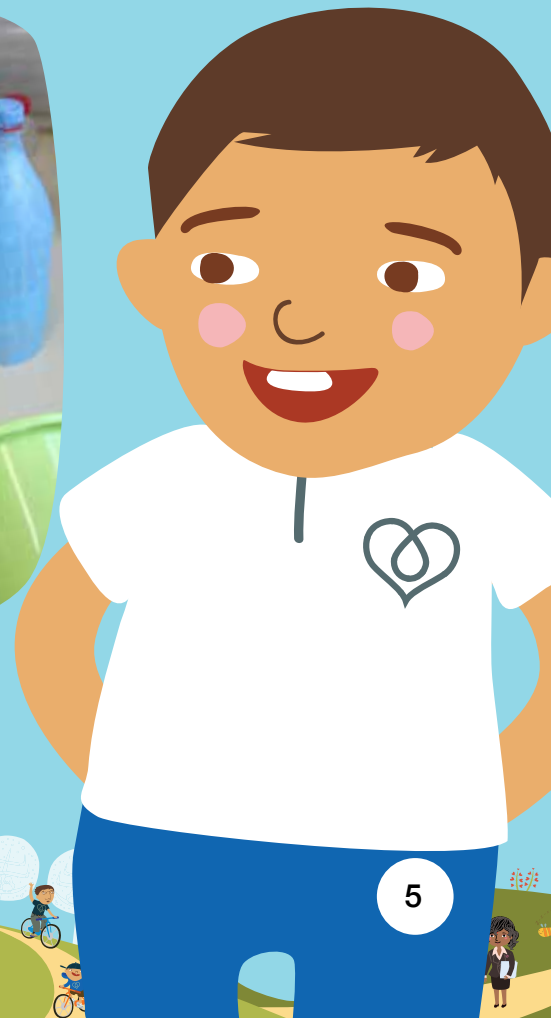
The last water rationing in Singapore was held in 1964. However, we should not take our water supply for granted. Conduct a meaningful water rationing exercise in conjunction with Singapore World Water Day 2017! Let your children experience a day of “water shortage” to better appreciate our precious water resources.



As the wash basins and toilet flush were shut down, every child from Little Footprints Preschool @ St. Anne's brought a bottle of water from home for usage in school. They had to brush their teeth, wash their hands and flush the toilet with their bottle of water.



Children from MOE Kindergarten @ Riverside experienced a day of “water shortage” to understand the importance of water conservation and appreciate our readily available water supply.



THE WATER ADVENTURE BEGINS!

Bring the children on an adventure with Water Wally to learn simple tips on saving water and to become responsible water users.



WATER CONSERVATION CHILDREN'S STORYBOOK AND TEACHER'S GUIDE

Gather your pre-schoolers for a fun storytelling session with Water Wally and friends on how to save water at home! The accompanying teacher's guide consist of storytelling tips, a recommended list of water-related storybooks and various enriching activities that you can carry out in your centre.

WATER CONSERVATION POSTERS

Display these water conservation posters around the centre to remind and encourage good water habits amongst children.



THE ADVENTURES OF WATER WALLY

Together with Runny Hose, Barry and friends, Water Wally goes on a mission to stop any abuse of our precious water resources. Children will learn about Singapore's sources of water, keeping our waters clean and activities on our waters.

Catch the fun Water Wally Animation Series online at <https://goo.gl/nBU6Ph>

TIMMY'S WATER ADVENTURE THROUGH TIME

Join Timmy and the little fairy on their adventure to Singapore's past, present and future to learn about our water story and understand the importance of conserving water. This e-book is developed by students from Ngee Ann Polytechnic.

Visit <https://livebooklet.com/timmyswateradventures> to view the e-book.



NEWATER, SINGAPORE'S THIRD NATIONAL TAP

A Singapore success story and the pillar of Singapore's water sustainability, NEWater is high-grade reclaimed water. Introduce the children to Singapore's 3rd National Tap, NEWater, by participating in the Rain Garden Workshop held at NEWater Visitor Centre. You may also request for NEWater bottles and/or dispensers to have a taste of NEWater!

RAIN GARDEN WORKSHOP @ NEWATER VISITOR CENTRE



Embark on a Learning Journey at the newly revamped NEWater Visitor Centre! Children will be edu-tained through the interactive tour and a hands-on session at making their own mini raingarden!

Learning Outcomes:

- Learn the importance of water conservation through interactive games and exhibits
- Introduction to the 3 stage process of producing NEWater
- Understand the importance of water to plants and the basics of natural filtration
- Children will use their five senses and simple tools to make their very own mini raingarden

Availability: Tuesday – Friday, 10am – 12pm

For bookings, please email to pub_newatervc@pub.gov.sg

REQUEST FOR NEWATER BOTTLES



NEWater bottles (Self-collection is required)
Please place your order at least one month in advance.

To place an order, visit:

<https://app.pub.gov.sg/newaterbottles/pages/Register.aspx>



ACTIVE, BEAUTIFUL, CLEAN WATERS LEARNING TRAIL

PUB's Active, Beautiful, Clean Waters (ABC Waters) Learning Trails is a series of place-based trails which encourage children to explore, discover and learn about the ABC Waters sites. Under the ABC Waters Programme, our network of drains, canals and reservoirs are being transformed into beautiful and vibrant waterscapes for recreation and community bonding. The programme brings people closer to our waters and encourages everyone to keep our water catchments clean.



Your school can also choose to adopt ABC Waters sites for outdoor learning with the children. Refer to page 11 for more details.

Learning Outcomes:

- Observe and be aware of the environment
- Explore the biodiversity at ABC Waters
- Develop a sense of appreciation and ownership of the environment and our waters

This is a self-guided tour by teachers. Student booklet and/or trainer's guide are available to facilitate the trail.



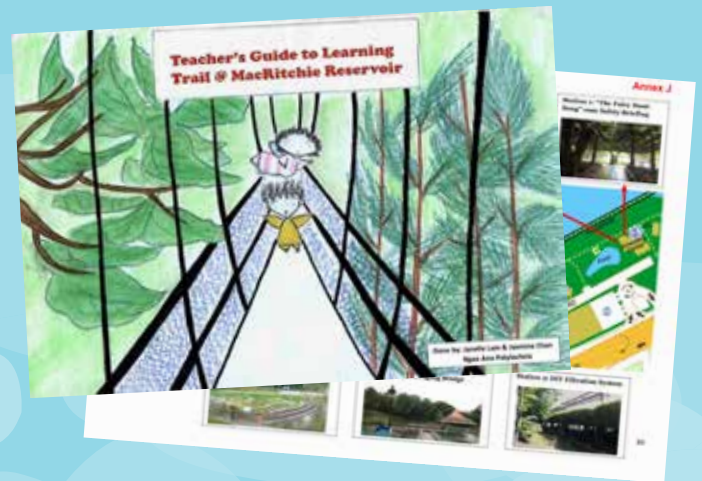


ABC WATERS LEARNING TRAIL AT KALLANG RIVER @ BISHAN-AMK PARK

ITE College Central, Raffles Institution and Ricoh Singapore have come together to develop this engaging and fun learning trail. Tied in to the Water Story, the children goes on a mission to save Princess Aquarius by completing activities at each station. Sing along to the Water Song and learn about the unique features of Bishan-Ang Mo Kio Park.

ABC WATERS LEARNING TRAIL @ MACRITCHIE RESERVOIR

Developed by students from Ngee Ann Polytechnic, this trail brings children on a journey at Singapore's first reservoir. Children can have fun strolling along Chemperai Trail and learn about MacRitchie Reservoir's rich biodiversity.



ABC WATERS LEARNING TRAIL @ SENGKANG FLOATING WETLAND

Bring your children on an adventure at Singapore's largest man-made floating wetland today! Jointly developed by Anchor Green Primary School, children will learn more about the wetlands through storytelling and various fun activities involving the use of their five senses in this learning trail.



LEARNING JOURNEY @ MARINA BARRAGE

Built across the mouth of the Marina Channel, the Marina Barrage creates Singapore's 15th reservoir, the first in the heart of the city. Students will be edu-tained through the guided tour at Sustainable Singapore Gallery. Your school can also organise a picnic here!

Learning Outcomes:

- Appreciate the 3-in-1 benefits of the Barrage – for water supply, flood control, and as a lifestyle attraction
- Gather information on water technology at Marina Barrage

Availability: All year (excluding Tuesdays)

For Learning Journey bookings, visit
<https://app.pub.gov.sg/marinabarragetour/Pages/default.aspx>

Members of the public who join Friends of Marina Barrage can get discount at participating outlets and be kept updated on the wide array of events held at the Barrage.

For more information, email to nur_faezah_jamil@pub.gov.sg or visit www.pub.gov.sg/marinabarrage



BE A FRIEND OF WATER!

Friends of Water inspires the community to care for our water resources. You can play a part in caring for our water resources by championing self-initiated events at adopted waterways or participating in our programmes.

ADOPT A WATERWAY

Schools are invited to adopt water sites and use it as an educational space and outdoor classroom for their children annually.



Conduct a colouring competition on the theme of saving water.



Children from Pat's Schoolhouse Sembawang on a learning trail at Sengkang Floating Wetland.

Let us know if you are interested to adopt any Active, Beautiful, Clean Waters (ABC Waters) sites listed below:

- Alexandra Canal
- Bedok Reservoir
- Geylang River
- Jurong Lake
- Kallang River @ Bishan–Ang Mo Kio Park
- Kallang River (Bishan-Braddell)
- Kallang River (Potong Pasir)
- Kranji Reservoir
- Lorong Halus Wetland
- Lower Seletar Reservoir
- MacRitchie Reservoir
- Marina Reservoir
- Pandan Reservoir
- Sengkang Floating Wetland
- Sungei Kallang-River Vista
- Sungei Ulu Pandan
- Yishun Pond

For more ABC Waters sites, please visit <https://www.pub.gov.sg/abcwaters>

PARTICIPATE IN OUR PROGRAMMES

Schools are invited to participate in our programme(s). Available programmes are listed below:

- Singapore World Water Day
- Rain Garden Workshop @ NEWater Visitor Centre
- ABC Waters Learning Trail
- Learning Journey @ Marina Barrage

For enquires, email to **Ms Shamala** at shamala_devi_komrasamy@pub.gov.sg





RESOURCE REQUEST FORM

The resources are recommended for children of 5 - 6 years.
All resources are subjected to availability and are for self-collection.

SCHOOL NAME	
ADDRESS	
NAME	
EMAIL	
CONTACT NO.	
NUMBER OF CHILDREN PARTICIPATING	
RESOURCES AVAILABLE	<input type="checkbox"/> Soft Copy of Water Conservation Children's Storybook and teacher's guide <input type="checkbox"/> Soft Copy of MacRitchie Reservoir Learning Trail trainer's guide <input type="checkbox"/> Water conservation posters (Quantity: _____) <input type="checkbox"/> Soft Copy of Sengkang Floating Wetland Learning Trail student booklet and trainer's guide <input type="checkbox"/> Kallang River @ Bishan-Ang Mo Kio Park Learning Trail trainer's guide

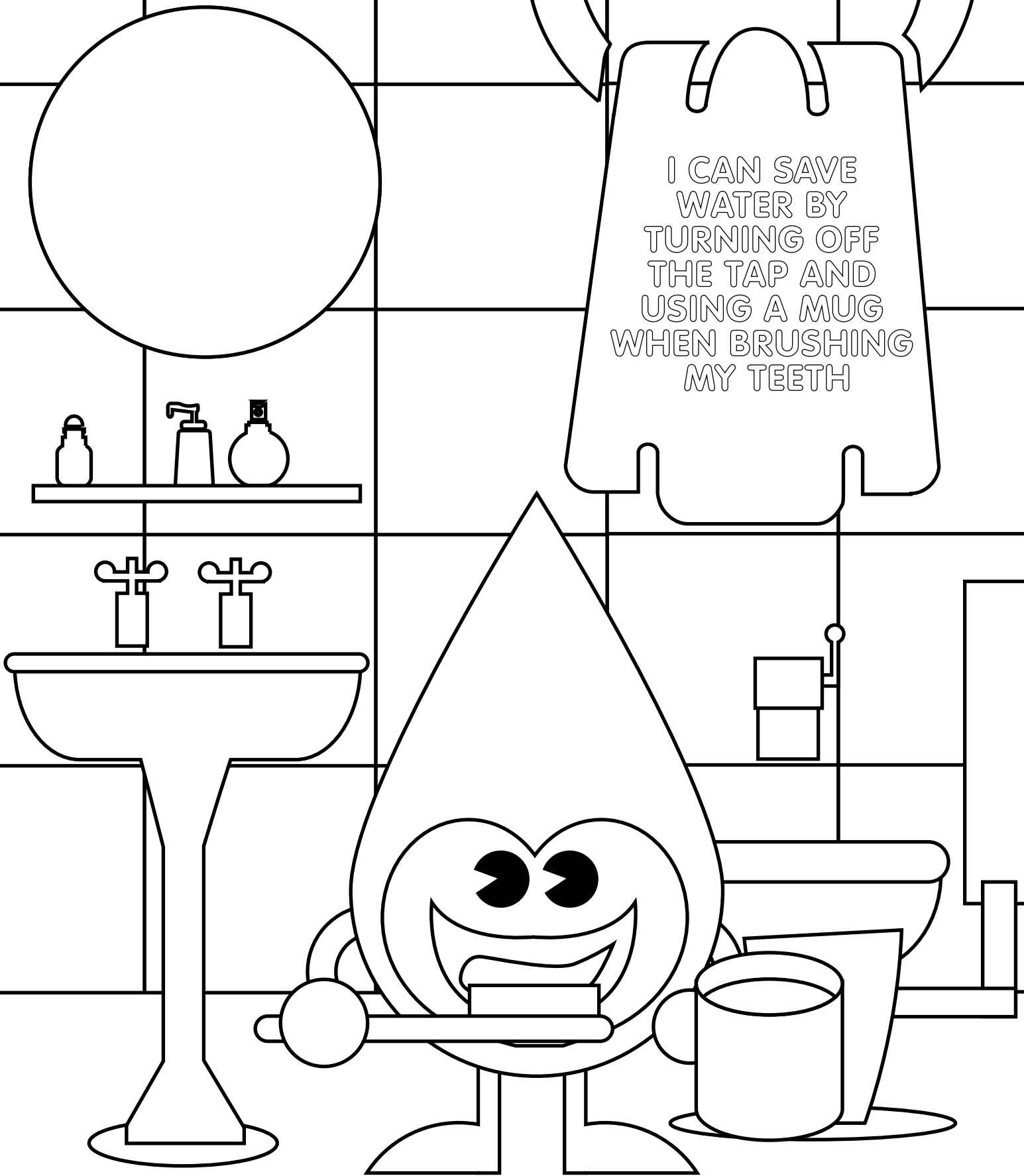
Adopt an ABC Waters site and conduct activities on site:

Name of waterway: _____

Please submit the completed form to: **Shamala** / E: **shamala_devi_komrasamy@pub.gov.sg** / T: **6731 3295**

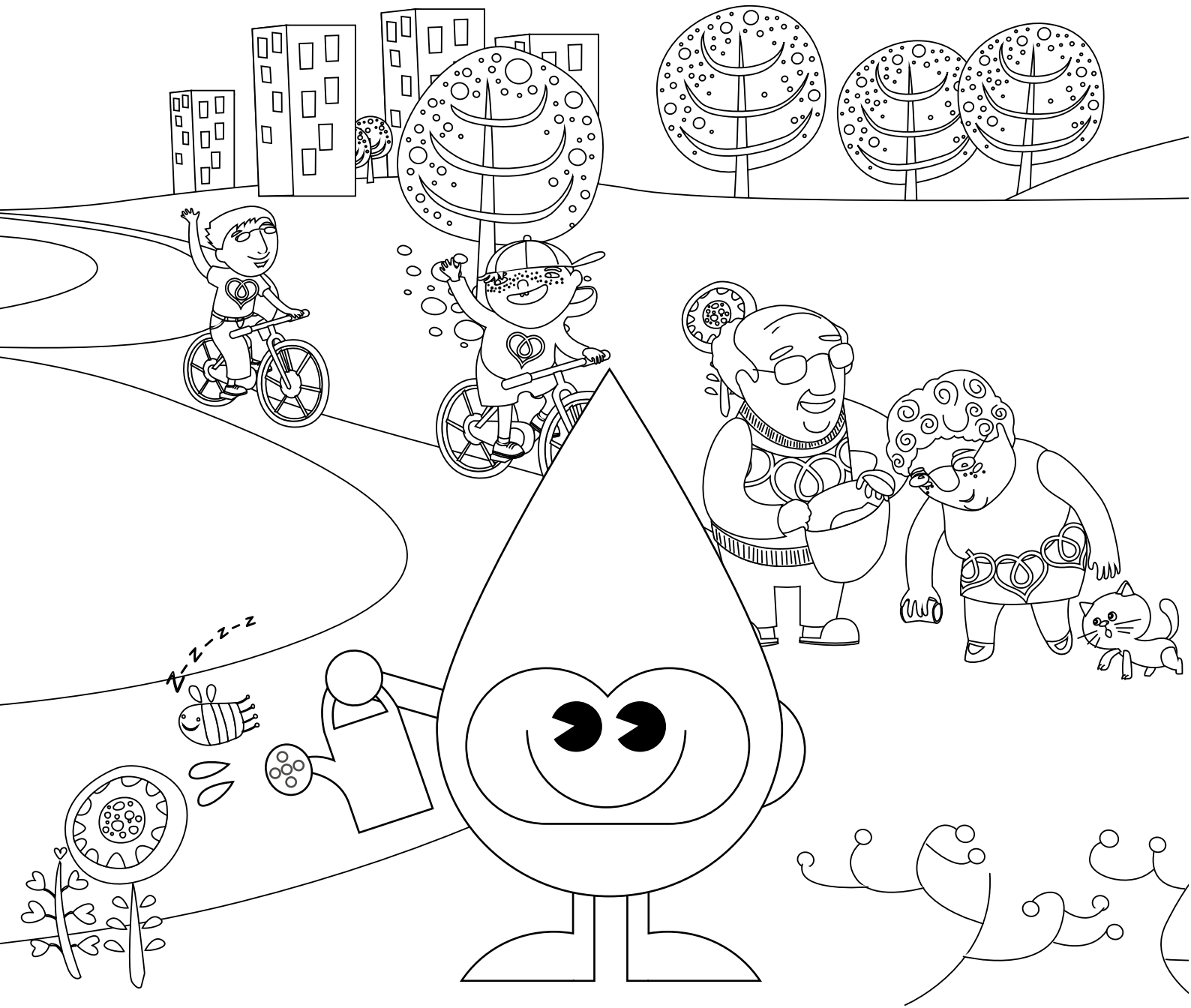
By completing this form, you have granted your consent to PUB, the national water agency to keep you informed on future updates about our events and programmes.

I CAN SAVE
WATER BY
TURNING OFF
THE TAP AND
USING A MUG
WHEN BRUSHING
MY TEETH





I CAN SAVE WATER
BY TAKING 5-MINUTE SHOWERS
AND TURNING OFF THE TAP
WHILE SOAPING.



I CAN SAVE WATER
BY USING A WATERING CAN INSTEAD OF A HOSE
TO WATER THE PLANTS.

PUB, SINGAPORE'S NATIONAL WATER AGENCY

PUB is the national water agency that manages Singapore's water supply, water catchment and sewerage in an integrated way. PUB won the 2007 Stockholm Industry Water Award and was named Water Agency of the Year at the Global Water Awards 2006.

ABOUT PUB'S FRIENDS OF WATER INITIATIVE :

Friends of Water aims to recognise, inspire and encourage community stewardship of the nation's water resources. If you care for water and take positive actions for the water cause, you can be recognised as a Friend of Water. Any individual or organisation can be a Friend of Water by taking part in PUB's events and programmes, adopting a water space or starting your own water activity to educate others.

PUB'S MASCOT - WATER WALLY

To encourage the public to take ownership of the precious water resource and use water wisely, Water Wally was created in 2005 to bring life to PUB's messages in a fun and interactive way.

