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# A Water Wally Adventure: The Surprise Visitor



By Linn Shekinah

Illustrations by Yap Jian Shen

## Teacher's Guide

This book is developed by



In partnership with



A Water Wally Adventure: The Surprise Visitor

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First Edition

Written by Linn Shekinah

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## About the Teacher's Guide

Thank you for taking the first step to engage pre-schoolers about water and to have with them the importance of conserving this precious resource.

Water is not just a necessity. It is a way of life. In fact, water and life are so inseparable that no known living thing can survive without water. Children are our future and it is important that we safeguard our environment to ensure that they continue to have clean drinkable water. To do so, it is important that we inculcate good habits in our young so that they grow to be responsible adults and use water wisely.

*The A Water Wally Adventure: The Surprise Visitor* storybook with this complementing teacher's guide are developed under the PUB Friends of Water initiative to recognise and inspire community stewardship of Singapore's water resources. Presently, Singapore's per capita domestic consumption is at 151 litres per day. Every effort to save water can help Singapore reduce per capita domestic consumption to 140 litres by 2030. Educators like you too can make a difference by making water education fun and engaging through storytelling and activities. When children are aware of how they can conserve water and through regular practice, good water habits will be ingrained in them for life.

So let's play an active part to share this water adventure story with young children in the hope that our next generation will cherish our waters and practise good water habits. It is never too early to make a difference to Singapore's water future!

**PUB, the National Water Agency**

## A Water Wally Adventure: The Surprise Visitor

*A Water Conservation Children Storybook*



### Learning Objectives

To understand the water cycle and learn simple tips to save water

### Programme duration

30 minutes

### Recommended maximum group size

30 children

### Story Synopsis

Tate and Elle are spending their holiday at their Aunt Whoopi's house. They have been using water carelessly. One day, Water Wally surprises them with a visit! Together with Aunt Whoopi and a bunch of friends, Adi, Razi and Wan Li, Water Wally takes everyone on a magical journey to discover the water cycle and why every drop counts!

# Storytelling Tips

## What is Storytelling?

Storytelling is an interactive art of using words and actions to reveal the elements and images of a story while encouraging the listener's imagination.

## Preparing for Storytelling

### **Choose a good story**

- Common characteristics of a good story:
  - Well-developed plot
  - Easy to understand
  - Dramatic
  - Repetitive (for a young audience)

### **Read the story first**

- Familiarise yourself with the story.
- Do not memorise it word for word.
- You may want to memorise key phrases and refrains.

### **Choose your storytelling style**

- Choose your style based on the story plot, your audience and setting.

### **Prepare simple props**

- Props such as finger puppets are great tools to sustain your audience's interest in the story.

## During Storytelling

### **Face the audience**

- Maintain quality eye contact with your audience to engage and intrigue them.

### **Create a storytelling environment**

- Start the session with rhymes, songs, small talk or quizzes to capture their attention.

### **Use appropriate verbal and non-verbal expressions**

- Vary your tone, pitch and volume to portray various characters and moods.
- Incorporate gestures and facial expressions to spice up your storytelling.

### **Encourage audience participation**

- Ask simple questions about the story.
- Encourage the audience to mimic your actions and sounds.

## After Storytelling

### **Reflect on the story**

- Sharing key learning points of the story with your audience can make the session more memorable.

### **Discuss the plot**

- Encourage children to comment on specific scenes or characters in the story.
- Provide a short summary of the story and allow your audience to reflect on what they have learnt from the story.

### **Conduct follow-up activities**

- Activities such as crafts and simple quizzes can be conducted at the end to wrap up the session.

## Remember...

- You do not need any special talent to tell stories
- The more you do it, the more natural it will become
- Most importantly, relax and be yourself
- Develop your own style, one that you are comfortable with



## Lesson Plan for Storytelling Session

| Teacher's Guide   | Learning Points   | Reference Page |
|---|---|----------------|
| <p><b>Introduction</b><br/>Create a comfortable environment for the children before the storytelling session.</p> <p>Discuss the cover of the storybook with the children.</p> <ul style="list-style-type: none"> <li>• What do you see on the cover page?</li> <li>• What do you think the story is about?</li> <li>• Who are the characters shown?</li> </ul> <p>Discuss with the children what they know about water and find out more about their water conservation habits.</p> <p>Give a brief introduction to the story and explain the learning points.</p> | <ul style="list-style-type: none"> <li>• The children will be going on an adventure with Water Wally to learn about the water cycle and water conservation</li> <li>• Water Wally is a water droplet that appears when the children are wasting water.</li> </ul> | <p>Cover</p>   |
| <p><b>Let's start reading!</b><br/>Discuss with the children on Elle's action and why it is wrong.</p> <ul style="list-style-type: none"> <li>• Did you see the water continues to run from the tap?</li> <li>• Is Elle right to leave the tap running while brushing her teeth?</li> <li>• What should Elle do instead?</li> </ul> <p>Activity: Imagine you are Elle. Show me how you turn off the tap. Gather the pre-schoolers to repeat, "Don't leave the tap running when brushing my teeth".</p>  | <p>Do not leave the tap running when brushing your teeth.</p>   | <p>Pg 4</p>    |
| <p>Create excitement that Water Wally has appeared!</p> <ul style="list-style-type: none"> <li>• Who is Water Wally?</li> <li>• Why do you think Water Wally has changed into a life-sized droplet?</li> </ul>  |   | <p>Pg 5</p>    |
| <p>Activity: Suggest to the children how they should use the mug to brush their teeth.</p>  |   | <p>Pg 7</p>    |
| <p>Activity: Ask the children where Water Wally has vanished to and why?</p> <p>Because Elle has used the mug to brush her teeth and did not waste water, Water Wally will not appear.</p>  |   | <p>Pg 8</p>    |
| <p>Activity: Get the children excited by getting them to imitate Pirate Jack and say "Ahoy, come onboard!"</p> <p>Reinforce that Water Wally is looking sad. Ask the children why this is so.</p> <ul style="list-style-type: none"> <li>• Is Tate right to leave the tap running while taking a bath?</li> <li>• What should Tate do instead?</li> </ul> <p>Activity: Imagine you are Tate. How do you turn off the shower head?</p>   | <p>Do not leave the tap running when taking a bath.</p>   | <p>Pg 10</p>   |
| <p>Activity: The children to read aloud the lines of Water Wally, "Tate, use the shower instead of the bathtub. Shower for no more than five minutes, turning off the water when you are soaping."</p> <p>Discuss with the children to find out if they practise these water saving habits at home and reiterate that taking longer showers does not make us cleaner.</p>   | <p>Turn off the water when soaping and shower for no more than five minutes.</p>  | <p>Pg 14</p>   |

## Lesson Plan for Storytelling Session

| Teacher's Guide  | Learning Points   | Reference Page |
|--|---|----------------|
| <p>Activity: Imagine you are Aunt Whoopi. Ask the children how they would feel if they are Aunt Whoopi to see the bathroom cleaned. Get the children to act out their expression when they are happy.</p>  |   | <p>Pg 15</p>   |
| <p>Activity: Do you think it is wrong for Tate, Elle and their friends to waste water?</p> <ul style="list-style-type: none"> <li>• Did you see how Tate washes a car?</li> <li>• Is he doing it correctly?</li> <li>• How do your parents wash their car?</li> <li>• Do they use a hose or a pail?</li> </ul> <p>Yes, using a pail with just enough water is sufficient for washing cars. That way, we can save a lot of water than using a hose.</p> <p>What about watering plants? Do your parents water the plants? Yes, using a watering can saves more water than using a hose. The best time to water plants is before 7 am and after 7 pm to avoid loss of water through evaporation. Share this tip with your parents and family members!</p> | <p>We should conserve water and not play with water. Use a pail instead of a hose when washing the car. Use a watering can instead of a hose to water the plants.</p> | <p>Pg 18</p>   |
| <p>Discuss with the children what will happen next when the characters are wasting too much water.</p> <p>Water Wally will appear!</p>   |   | <p>Pg 20</p>   |
| <p>Discuss with the children where they think Water Wally will bring the characters for an adventure.</p>  |   | <p>Pg 24</p>   |
| <p>Discuss with the children that the amount of water now and thousands of years ago is the same. The water that they drank this morning may have its origins from a river in Australia, or have been used by dinosaurs thousands of years ago. Reinforce the concept of water as a precious and limited resource that we need to cherish.</p>   | <p>Water is a precious and limited resource.</p>  | <p>Pg 26</p>   |
| <p>Discuss with the children to suggest reasons why the amount of water thousands of years ago and now is the same.</p>  |   | <p>Pg 27</p>   |
| <p>Explain that Water Wally will be bringing the children on a journey to learn about the water cycle. Discuss with the children where they think the water comes from.</p>  |   | <p>Pg 28</p>   |
| <p>Activity: Divide the children into groups of three to demonstrate the three key processes of the water cycle.</p> <p>Group 1: Evaporation<br/>Group 2: Condensation<br/>Group 3: Precipitation</p> <p>Activity: Children in Group 1 to wave their fingers and raise their hands up above their heads to represent evaporation.</p>  | <p>The sun causes water to evaporate and become small particles.</p>  | <p>Pg 29</p>   |
| <p>Activity: Children from Group 2 to clasp their hands with one another together to represent condensation.</p>   | <p>The water particles condense to form clouds.</p>   | <p>Pg 30</p>   |
| <p>Activity: Group 3 to wave their fingers downwards to represent precipitation.</p>   | <p>When the clouds become too heavy, precipitation occurs and it starts to rain or snow.</p>  | <p>Pg 31</p>   |

## Lesson Plan for Storytelling Session

| Teacher's Guide   | Learning Points  | Reference Page |
|---|--|----------------|
| Activity: Guide the children to mimic the sounds of rain and the splashing of water.  |  | Pg 32          |
| Activity: Ask the children to recall what are the different processes in the water cycle.   | Recap the water cycle and understand why the amount of water stays the same after thousands of years.  | Pg 34          |
| Activity: Get the boys to role play as Tate. Let them read the lines, "So we are lucky. Whenever we turn on the tap, we have water. I should not be playing with water."  |  | Pg 36          |
| Activity: Get the girls to role play as Elle. Let them read the lines, "We must be thankful that we have water."  | Water is a precious and limited resource. We must conserve water.  | Pg 37          |
| Discuss with the children habits that they can practise to save water at home and in school. <ul style="list-style-type: none"> <li>Using the full flush only for solid waste.</li> <li>Using a mug when brushing the teeth.</li> <li>Do not leave the tap running when brushing the teeth.</li> <li>Take a shower for no more than five minutes.</li> <li>Do not leave the tap running while soaping.</li> </ul> |  | Pg 38          |
| Discuss with the children if the characters are practising good water saving habits in these scenarios. <ul style="list-style-type: none"> <li>Use of pails and cloths instead of a hose to wash the car.</li> <li>Use of a watering can instead of a hose to water the plants.</li> </ul>  | We can save water by using a pail and cloth to wash the car instead of using a hose. We can save water by watering plants with a watering can instead of using a hose. | Pg 39          |
| <p><b>Conclusion</b></p> <p>Discuss with the children how they can be good water ambassadors like Water Wally and share water saving messages with their family and friends.</p> <p>Ask the children to share at least one water conservation tip that they have learnt from the story.</p>   |  | Pg 40          |

We have come to the end of the lesson plan.

**Turn to the next page for some fun activities to carry out with your pre-school children and make learning about water even more exciting!**

## Let's Learn About the Water Cycle

Understanding the water cycle is essential as a stepping stone to ignite children's interest in water. Pre-school children can understand the water cycle better by trying these simple activities.

### Activity 1: Bag My Water Cycle

Materials needed:

- Clear zip-lock bags
- Water
- Blue dye
- Permanent markers
- Tape

Follow these simple steps!

1



Draw the setting of a water cycle on the zip-lock bags. Include the sun, clouds, sea, trees and so on.

2



Add an appropriate amount of water into the zip-lock bag. Avoid touching the edges of the zip-lock bag.

3



Add in small amounts of blue dye into the water. Avoid touching the edges of the zip-lock bag.

4



Paste the zip-lock bags onto windows against the sunlight.

5



Observe the condensation that formed at the top of the zip-lock bag. Mimic rain by drawing the water droplets together and see them fall back into the "sea".

### Discussion questions

Discuss about the water cycle and processes that happened— evaporation, condensation and rain.

#### 1. What causes the water to evaporate?

Answer: The sun heats up the water, causing it to turn into small water particles. Water changes its form from liquid to water vapour.

#### 2. Will the condensation of water droplets be colourless or blue?

Answer: The water particles will be colourless! Water is colourless and during condensation, the water particles turn into water droplets. The blue ink does not evaporate or condense. Hence, the water droplets will be colourless.

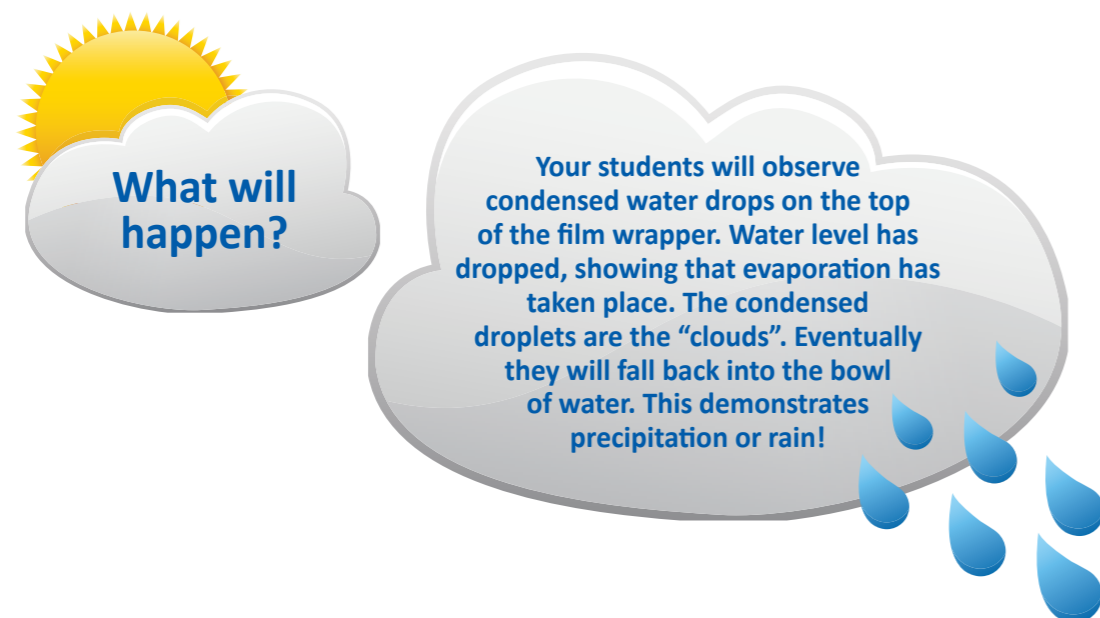
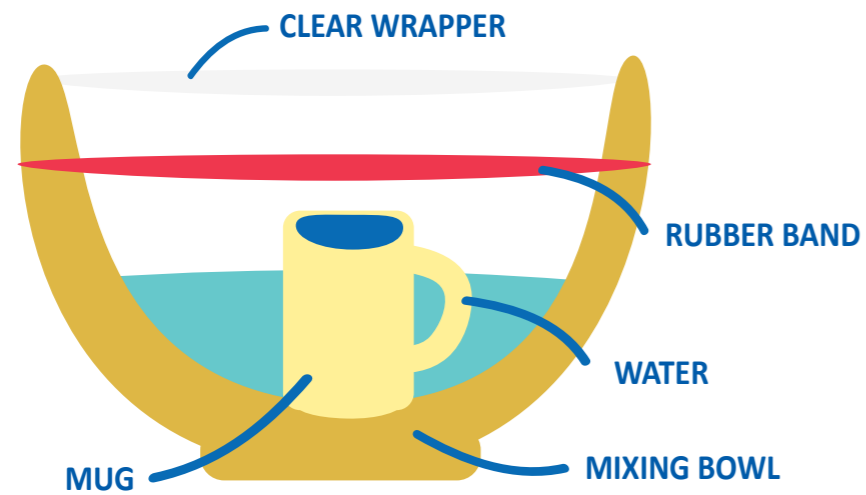
## Activity 2: Raindrops In My Cup!

Materials needed:

- A plastic bowl (mixing bowl size)
- Transparent stretch film wrapper
- A mug
- Rubber band
- Water

Follow these simple steps!

1. Place the mug at the bottom of the bowl.
2. Add water around the mug till about 2/3 of its height.
3. Cover the bowl tightly in clear stretch film wrapper. Fasten it in place with the rubber band and watch what happens!



## Activity 3: Recycle My Water Cycle

Materials needed:

- Crayons
- Glue
- White construction papers
- Cotton balls



1. Draw clouds at the top of the paper.
2. Draw and colour the sun at the top left hand corner.
3. Draw and colour the sea at the bottom of the paper. The children can add in animals and plants that live in the waters.
4. Glue the cotton balls within the clouds drawn to shape them and give the little fluff that they need!
5. Draw wavy arrows pointing towards the sky from the water on the left side of the paper. Label this process as 'evaporation'. Evaporation is the process by which water changes from liquid phase to gaseous phase.
6. Label this process as 'condensation' just above the clouds. Condensation is the process by which water changes from gaseous phase to liquid phase.
7. Use crayons to draw rain on the right side of the paper. Label this process as 'precipitation' or rain.





## Activity 4: Sing to the Rain

Children love to imitate the sounds of animals. Similarly, we can encourage children to imitate the sounds of water droplets and the splashing of water.

### Create your own song!

**Step 1:** Decide the theme for your song.

- Water cycle
- Water conservation

**Step 2:** Find out more information on your selected topic.

The following websites serve as useful references for your fun project!

- The Water Cycle Song:  
<https://www.youtube.com/watch?v=maxLwmDxoVI>
- Sesame Street: The Water Song:  
<https://www.youtube.com/watch?v=CwpHMPH-WbM>
- Children's Song: Listen to the Water:  
<https://www.youtube.com/watch?v=PC45IksR-K4>

**Step 3:** Be inspired by old-time favourite children songs and create your own lyrics!

**Step 4:** Now share it with the children so that they can share it with others! Have fun!

## Activity 5: Ready, Action!

### Individual role playing

- Appoint eight children. Each child will role play on one of the six children characters in the story, Aunt Whoopi and Water Wally. Let them read the lines and mimic their expressions when it comes to their part.

### Group role playing

- Organise the children into groups. Some children will play the six children characters. Some children will play Water Wally while others play Aunt Whoopi.

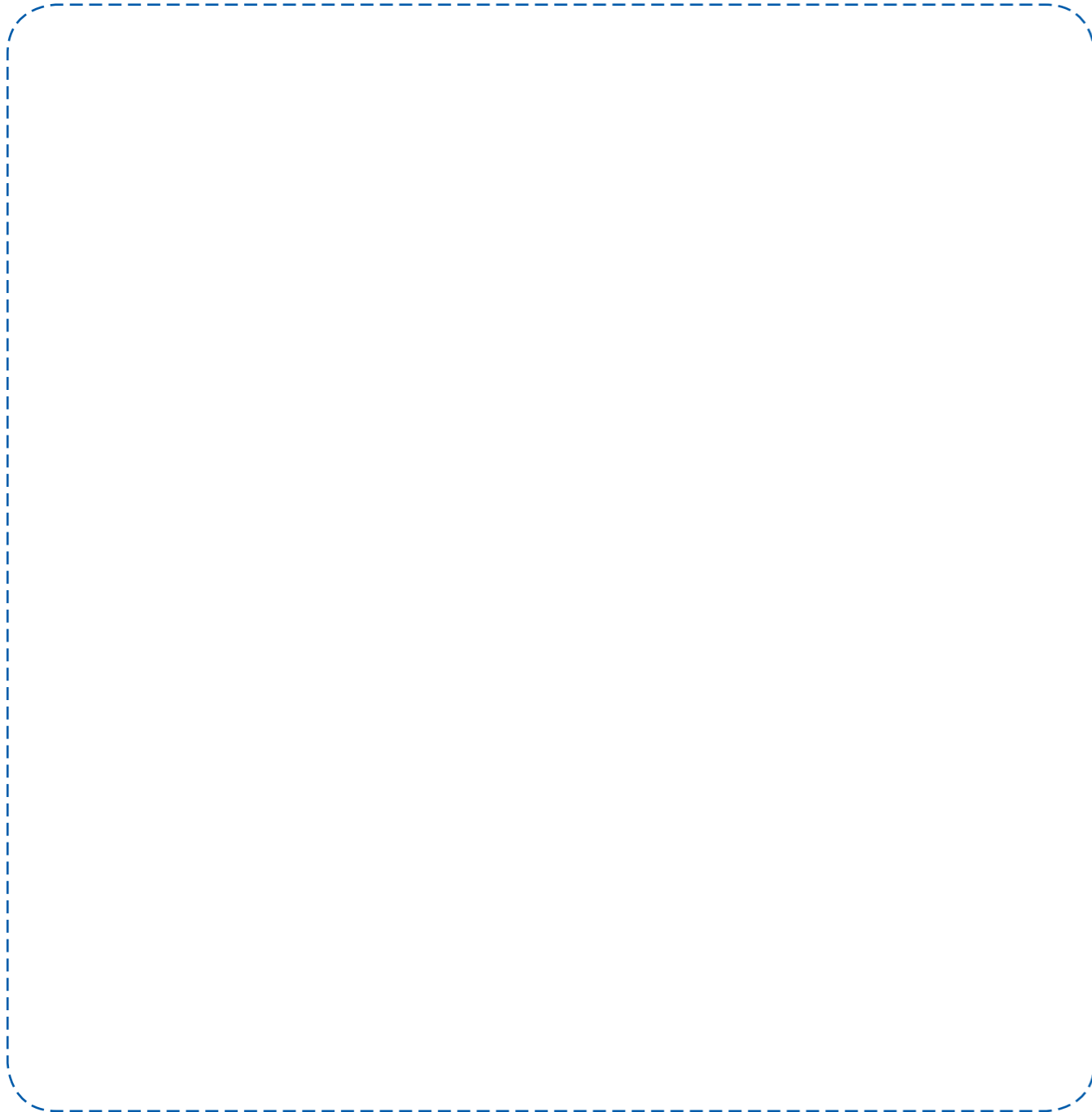


# Let's Practise Saving Water

Children learn to model behaviours and good habits from people around them. By learning simple tips to save water, they can grow to become responsible water users in the future.

## Activity 1: Doodle it! Practise it!

Engage the children to reflect on the water conservation habits that they have learnt from the storybook and doodle in the space provided below.



## Activity 2 : Mix and Match

Teach the children to practise good water saving habits at home.

### When you brush your teeth, you...



You water the plants with?



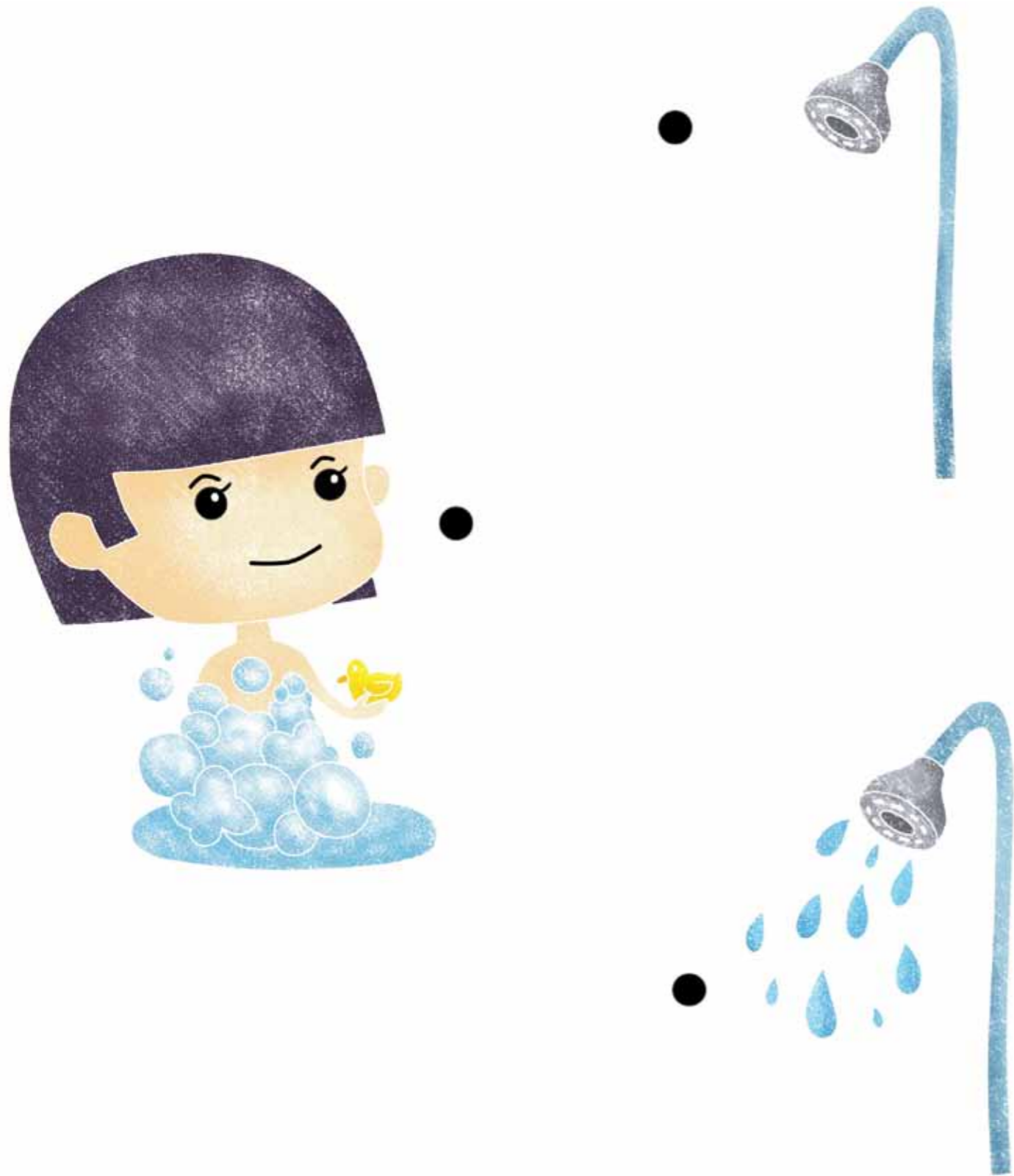
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You wash the car with?



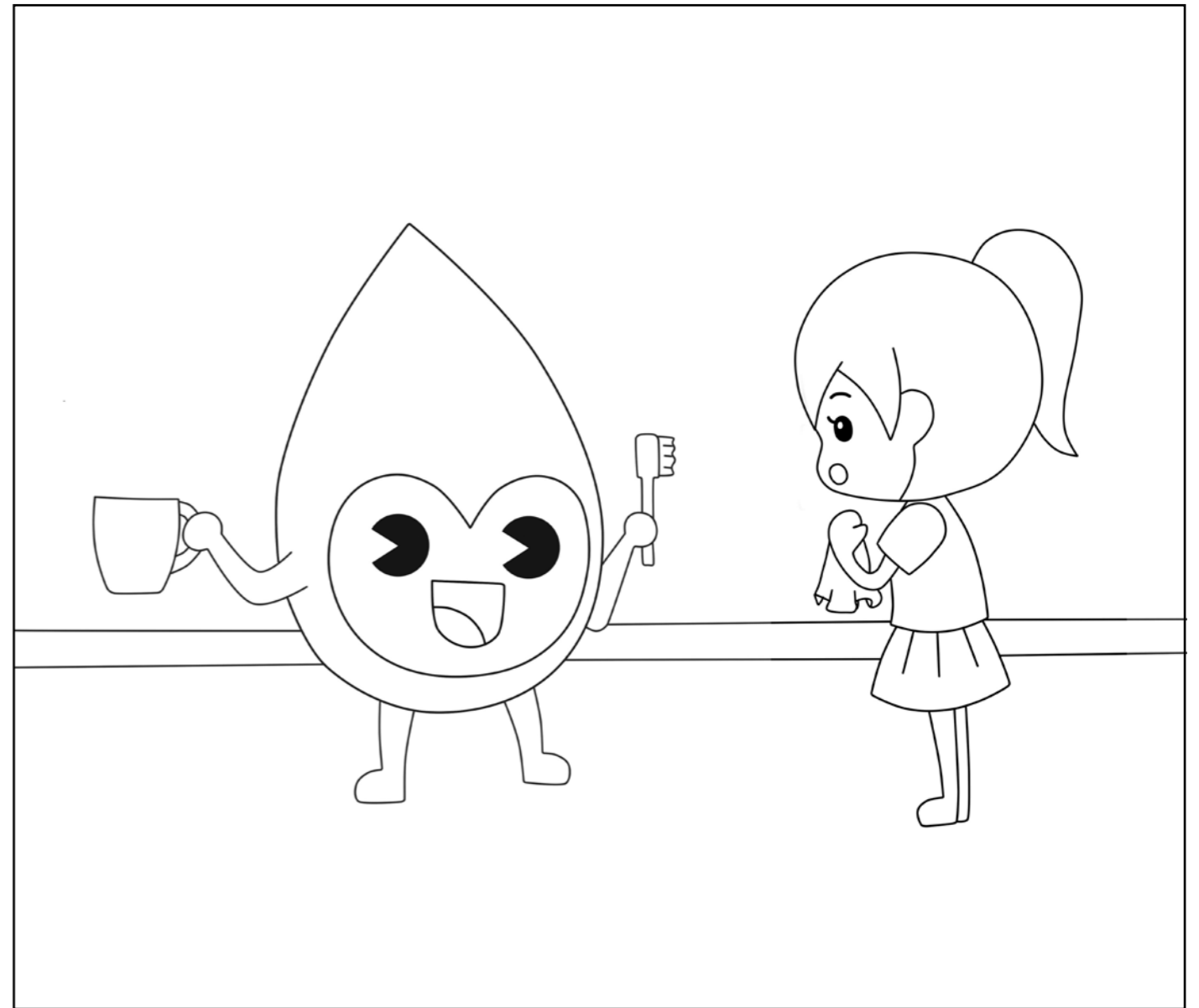
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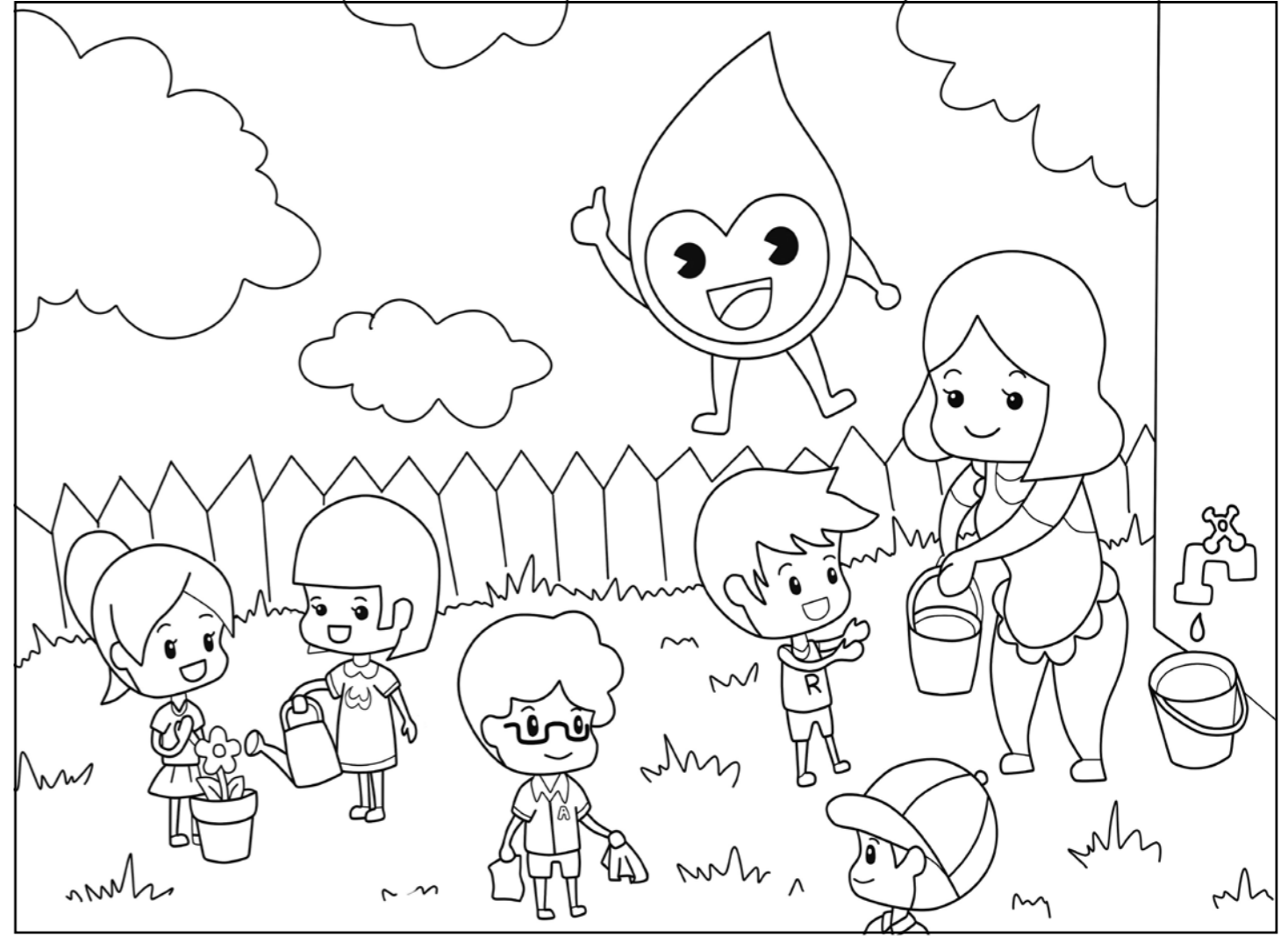
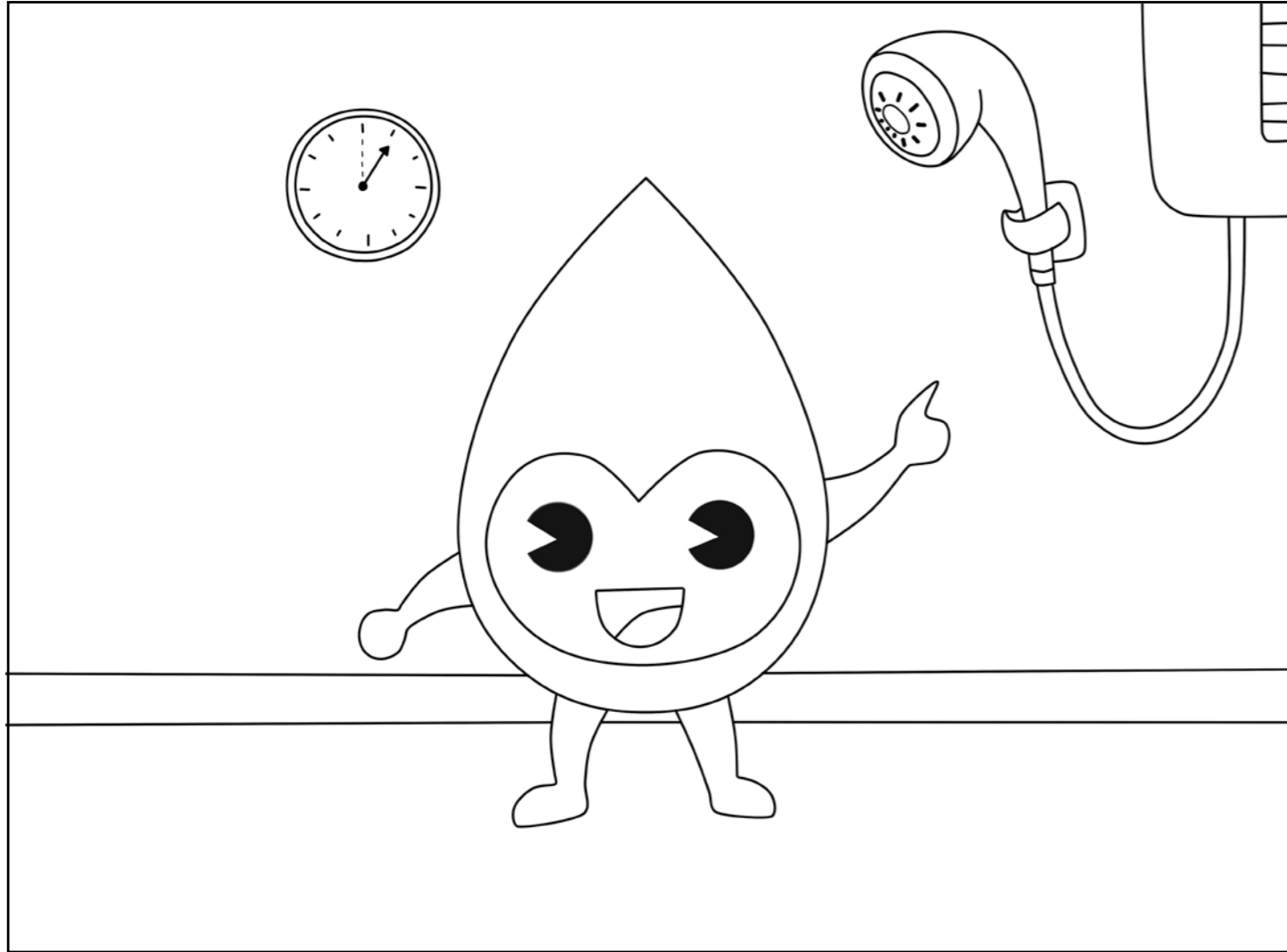
While you soap, the tap is?



### Activity 3: Colouring Activities

Have fun colouring the pages of the storybook!







# Fun Reads!

*A resource list on stories for children aged 4-6 years old*

## **My Lucky Day**

By: Keiko Kasza  
Publisher: New York: G.P Putnam's Sons, 2003.  
Call No: JP English KAS

## **Keith the Cat with the Magic Hat**

By: Sue Hendra  
Publisher: London: Simon & Schuster Children's, 2012.  
Call No: JP English HEN

## **We're Going on a Picnic**

By: Pat Hutchins  
Publisher: London: Red Fox, 2013.  
Call No.: JP English HUT

## **Scruffy Bear and the Six White Mice**

By: Christopher Wormell  
Publisher: London, Jonathan Cape, 2011.  
Call No.: JP English WOR

## **Go to Sleep, Gecko! : A Balinese Folktale**

By: Margaret Read Macdonald; Geraldo Valerio  
Publisher: Little Rock, Ark: August House Little Folk, 2006.  
Call No.: JP English 398.209598 MAC-[FOL]

*Borrow the storybooks from a library near you!  
Visit [www.nlb.gov.sg](http://www.nlb.gov.sg) for more information.*

# Splish, Splash, Splosh!

For young readers

*A resource list on water*

## **Heather Fell in the Water**

By: Doug MacLeod; Craig Smith  
Publisher: East Melbourne, Vic.: Allen and Unwin, 2012.  
Call No: JP English MAC

## **King Bidgood's in the Bathtub**

By: Audrey Wood; Don Wood  
Publisher: San Diego: Harcourt Brace Jovanovich, 1985.  
Call No: JP English WOO

## **Clouette**

By: Tom Lichtenheld  
Publisher: New York: Henry Holt, 2011.  
Call No.: JP English LIC

## **Fish is Fish**

By: Leo Lionni  
Publisher: New York: Alfred A. Knopf, 1970.  
Call No.: JP English LIO

## **The Frog Who wanted to See the Sea**

By: Guy Billout  
Publisher: Mankato, MN: Creative Editions, 2007.  
Call No.: JP English BIL

*Borrow the storybooks from a library near you!  
Visit [www.nlb.gov.sg](http://www.nlb.gov.sg) for more information.*

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