



Central Coast Council - Schools Water Education Program  
**Water Waster Game**

# WATER WASTER GAME

## Introduction

Australia's Relationship with Water report by Smart Approved WaterMark indicates the majority of water use in homes occurs in bathrooms and kitchens. Taps, toilets, showerheads, and hoses are objects children associate with water use at home. These items can be used to educate children about water conservation in a fun and interactive way. The Water Water Game utilises images, music, and large dice to get young children excited to save water. This fun game aims to increase the water literacy of young children and provide tips on how to conserve water at their home.

## Resources

- Small box
- Tape
- Four water amenities images
- One Action image
- One Sound image
- Waterdrop images
- Water Tips & Facts sheet
- Speaker or iPad with music of your choice

## Setup

- Print out two sets of the water amenities images, one action image and one sound image (available to download in this resource kit)
- The playing dice are constructed by taking the four water using images provided and taping them onto the small box. The box will have two empty spots, and this is where the sound and action images will be attached
- Place one set of the water amenities images (four pictures in total) at eye level in separate areas of a room, for example one on each wall. These areas are where children will move to each turn
- Print the water drop images sheet provided and then cut out the images.
- Clear the play area of trip hazards
- Ready music on an iPad or speaker
- Print off the Water Tips & Facts sheet for the educator to hold

# How to Play

- Have the children sit down as a group in the middle of the room and point out the four images in each area
- See if the children can explain what they think each image represents. If they find it difficult, use the Water Tips & Facts sheet to explain what each image represents and how they use water in their homes
- Give each child 6 water drops to hold onto. Explain that the aim is to keep/conserves as many of the water drops as possible throughout the game.
- Turn the music on. While the music is playing, the children must move to one of the four images
- Turn the music off. Similar to musical chairs, the children will need to stay at the image they are closest to when the music stops
- Roll the die. The image which appears indicates which amenity has wasted water. Children standing in that area will hand back one water drop. This signifies that they have lost water during that turn.
- The educator will then read one point from the Tips & Facts sheet about that amenity or a general water fact
- If the die lands on either Water Sounds or Water Actions the students do one of the following
  - o **Water Sounds**- When the music starts you must make water noises as you move to your next location.
  - o **Water Actions** – When the music starts you must move like water to your next location before the music stops.
- Repeat the steps above as many times as you like, perhaps until you run out of information from the Water Tips & Facts sheet or someone has lost all their water drops. Congratulations to those who have been able to is to keep/conserves as many of the water drops as possible throughout the game.

# Debrief

- **Review**
  - o What was the game about?
  - o What were the images on the die and around the room?
  - o Why did you receive water drops?
  - o What were some of the things we learned?
- **Link**
  - o Do you use any of these water using objects at home?
  - o Have you ever seen water leaking out of any of those items when you're not using them?
  - o What would you do if you saw water leaking?
- **Extend**
  - o How could you help others in saving water?
  - o What could you do at your own home to save water?
  - o What could you do at your Childcare Centre to save water

# Water Tips & Facts



## Shower

- Taking a shower is typically the biggest water user in the house
- When taking a shower, try to do it in 4 mins or less
- Turn off the shower when soaping



## Toilet

- If the toilet is leaking tell an adult
- Use the half flush button when you go to a wee
- Push the toilet flush button down for 1 sec, don't hold it down



## Tap

- Turn taps off when brushing your teeth
- If your tap is dripping tell an adult
- When your washing your hands don't turn the tap on full to save water



## Hose

- Always use a trigger nozzle when using a hose
- Turn off your hose from the tap when its not being used
- Water your lawn in the early morning or late afternoon to save water



## Water Facts

- Saving water helps to protect our environment
- Saving water saves money
- Saving water provides more water for public gardens, parks and outdoor sporting areas
- Saving water helps to protect us from droughts

# Early Years Learning Framework Outcomes

## **Outcome 2: Children are connected with and contribute to their world**

- *Children develop a sense of belonging to groups and communities and an understanding of the reciprocal rights and responsibilities necessary for active community participation*
  - broaden their understanding of the world in which they live
  - express an opinion in matters that affect them
- *Children become socially responsible and show respect for the environment*
  - use play to investigate, project and explore new ideas
  - participate with others to solve problems and contribute to group outcomes
  - show growing appreciation and care for natural and constructed environments

## **Outcome 4: Children are confident and involved learners**

- *Children develop dispositions for learning such as curiosity, cooperation, confidence, creativity, commitment, enthusiasm, persistence, imagination and reflexivity*
  - express wonder and interest in their environments
  - are curious and enthusiastic participants in their learning
  - use play to investigate, imagine and explore ideas
- *Children develop a range of skills and processes such as problem solving, inquiry, experimentation, hypothesising, researching and investigating*
  - explore their environment

## **Outcome 5: Children are effective communicators**

- *Children interact verbally and non-verbally with others for a range of purposes*
  - engage in enjoyable interactions using verbal and non-verbal language
  - respond verbally and non-verbally to what they see, hear, touch, feel and taste

# TOILET



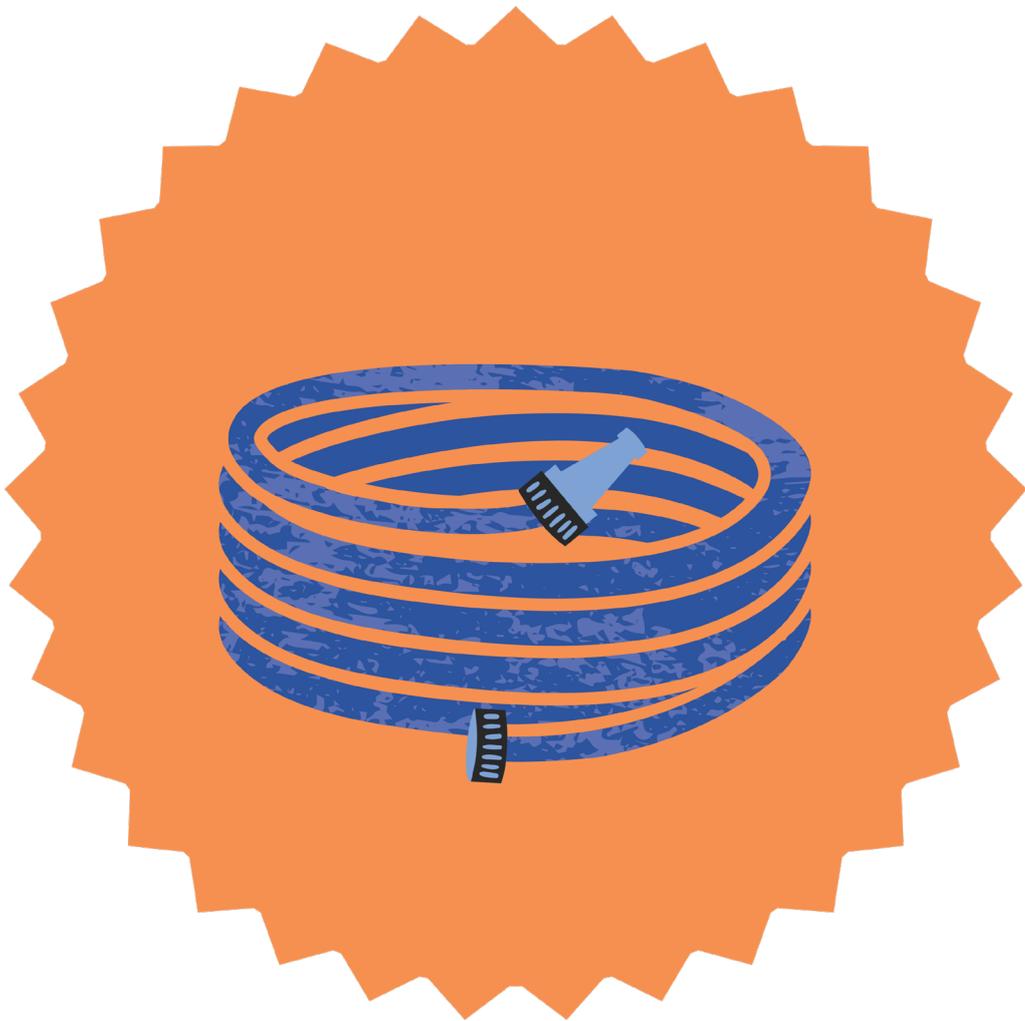
# SHOWER



# TAP



# HOSE

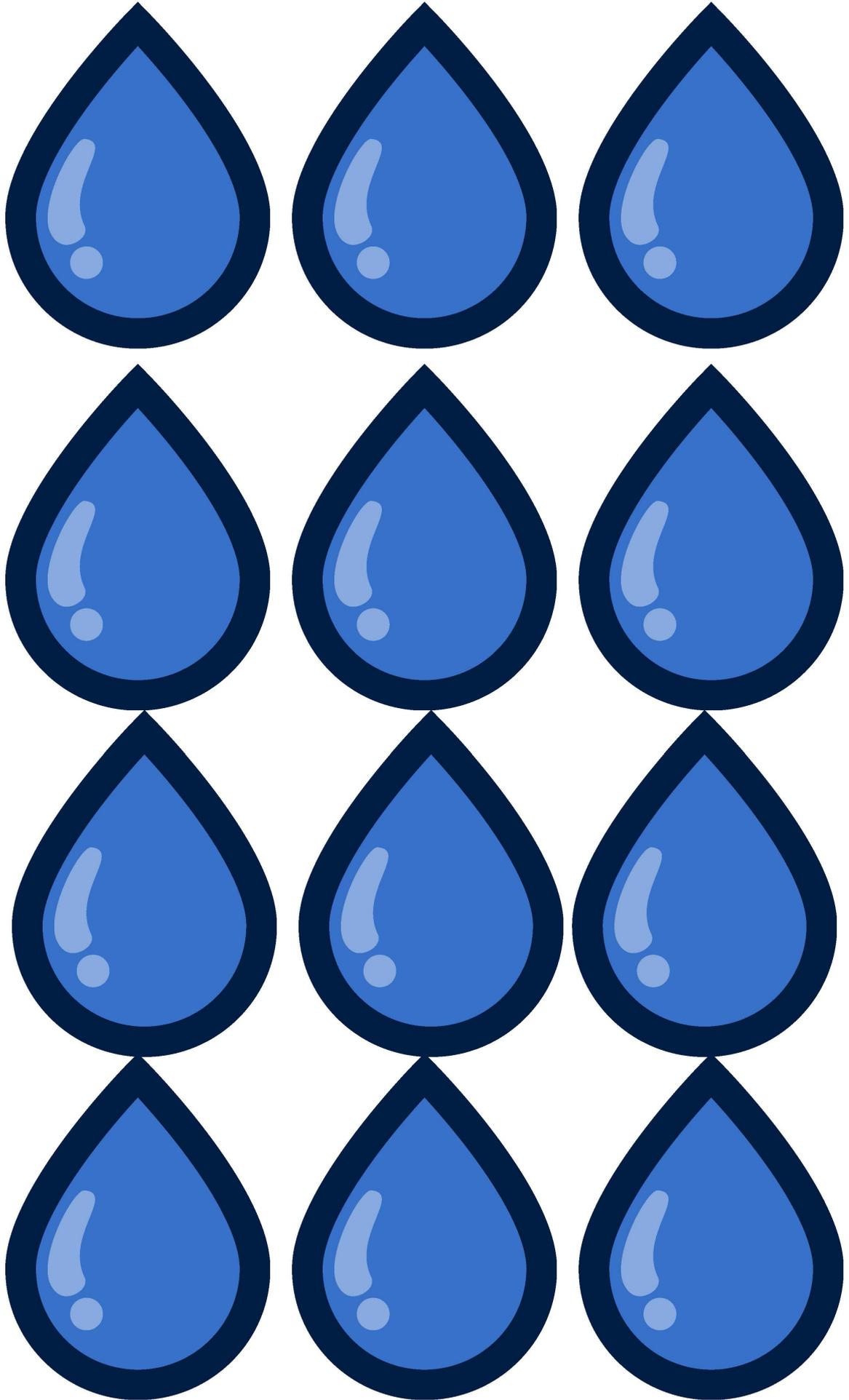


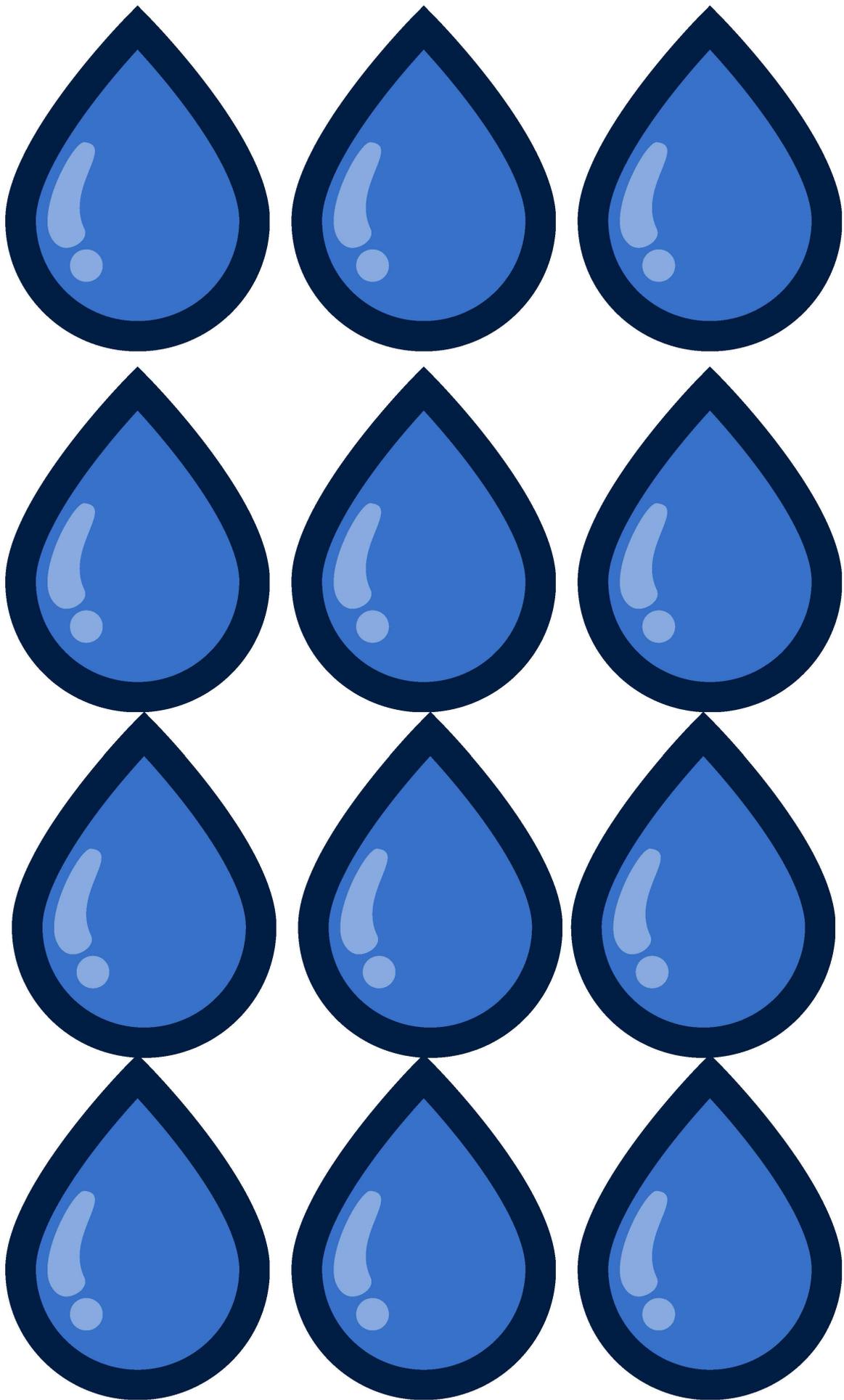
# ACTION



# SOUND









Love water, use it wisely

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