

## Water Wide Game

This is a wide game to encourage Girl Guides to think about water use and the importance of clean water while developing their co-operation skills.

### How it is played

Girls are placed into patrol groups and given a copy of the Wide Game Sheet (see page 2) and a bucket. Patrols visit each of the challenge areas where they will work together to complete the challenge provided. As the girls work through the challenges, the leaders will observe (and assist if needed) and give out droplets. Clean water droplets are given to girls who work well with others and stay on-task, however leaders can also give dirty water droplets to anyone caught off-task or not co-operating or being silly. At the end of the game, when all patrols have completed all the challenges (or time is up), patrols will count their clean water drops. For every dirty water drop, a clean water drop must be removed. The patrol who works the best together gets the bonus of a lifestraw which removes all their dirty water droplets first. The patrol with the most clean water wins a prize.

### Equipment and Preparation Needed

General - A bucket for each patrol, copy of Wide Game Sheet for each patrol, pencil for each patrol, print outs of water drops and lifestraw for leaders to give out, prizes for winning patrol. Set out each of the challenges below in a designated area.

Challenge 1 – small rectangle pieces of paper for signs, colouring pencils, laminator and pouches (optional)

Challenge 2 – old spaghetti sauce jars (one for each girl), black permanent markers, measuring cups/jugs

Challenge 3 – Five glasses, Teaspoons, Water, Salt, Vinegar, Sugar, Citric Acid

Further Preparation: Label each glass – A, B, C, D and E. Fill each glass with the same amount of water, half to three-quarters full depending on the number of participants in this activity. In separate glasses, place one of each of the salt (approximately 2 teaspoons), vinegar (1 teaspoon), sugar (2-3 teaspoons) and citric acid (2 teaspoons). You may need to use warm water to mix some of these, i.e. salt. In these cases ensure that the water has cooled before doing the activity. Once mixed all glasses should look like clean water. Test ensuring you can taste the ‘pollutants’ but they are not too strong—add more of the ingredient or more water as required.

Challenge 4 – water filter instructions (below), jars or buckets, plastic funnel, bag of cotton balls, water, sand, dirt, cups

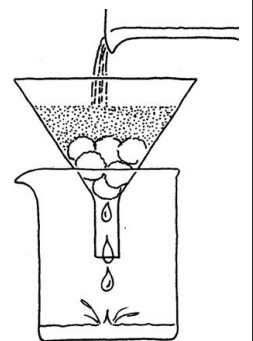
### **You can make a model of a water filtration system**

#### **Here's what you need to get started:**

- 1 — jar or bucket**
- 1 — plastic funnel**
- 5-10 cotton balls**
- 2 cups of clean sand**
- 2 cups of muddy water (soil and water mixed)**

#### **This is how to construct your water filtration system.**

- 1 — Pack the cottonballs into the bottom of the funnel.**
- 2 — Pour washed sand into funnel so it is below the top.**
- 3 — Place funnel into the top of jar.**
- 4 — Slowly pour water into funnel.**



Challenge 5 – water cycle poster (can be enlarged), cut outs of labels, blutac or pins

Early Finishers – print outs of crossword and dot-to-dot



# Water Wide Game



Which Patrol can collect the most 'water drops' in their bucket?

You can collect water drops for completing challenges and working together.

**Watch out!** Leaders will put dirty water in if your patrol doesn't co-operate. There will be a **mystery bonus** at the end for the patrol that works best together.

**Patrol Name:** \_\_\_\_\_

Colour in the water drops below as you complete each challenge.

## 💧 Challenge 1 - Make a Sign

Turning off the tap while brushing your teeth saves water.

Create your own individual sign to take home and hang in the bathroom to remind you and your family of this important tip.

The most original signs will earn extra droplets.



## 💧 Challenge 2 - Make a rain gauge

Learning about how much rain falls is fun. Using an old jar, create your own homemade rain gauge. Older girls in the patrol need to work out how to make the measurements on the side of the jar correct for younger girls.

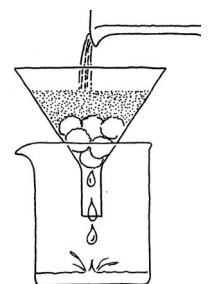


## 💧 Challenge 3 – Which is clean?

All the water looks clean, but which is actually the clean water. Test a spoonful of water from each glass to check. Tell a leader which you think is clean – if you get it right you will get a droplet. If you can also tell what is in the dirty water you can earn extra water drops.

## 💧 Challenge 4 – Water Filter

One way to ensure you have clean water is to use a filter, like a lifestraw. Make your own filter using the instructions and test it out.



## 💧 Challenge 5 – The Water Cycle

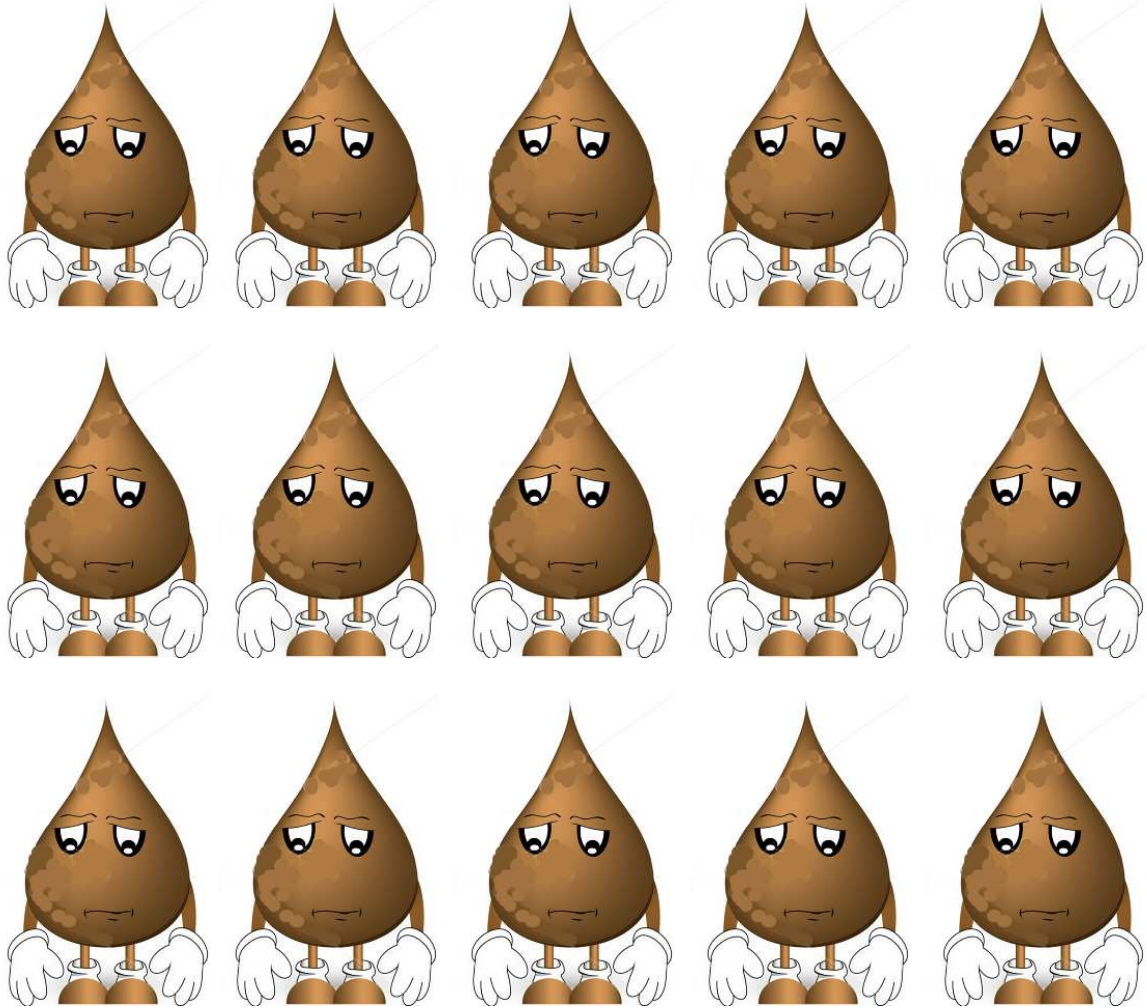
Put the labels on the water cycle poster, get a leader to check it – if you are right you will earn some water drops. Remember to put the labels back for the next patrol.

## Early Finishers

If you have completed all the challenges and cleaned up, check out the early finishers table for an extra activity to earn more water drops.

## Dirty Water Drops

Given to those not co-operating or participating actively in their patrol – for each dirty water drop one clean drop is taken away at the end of the game



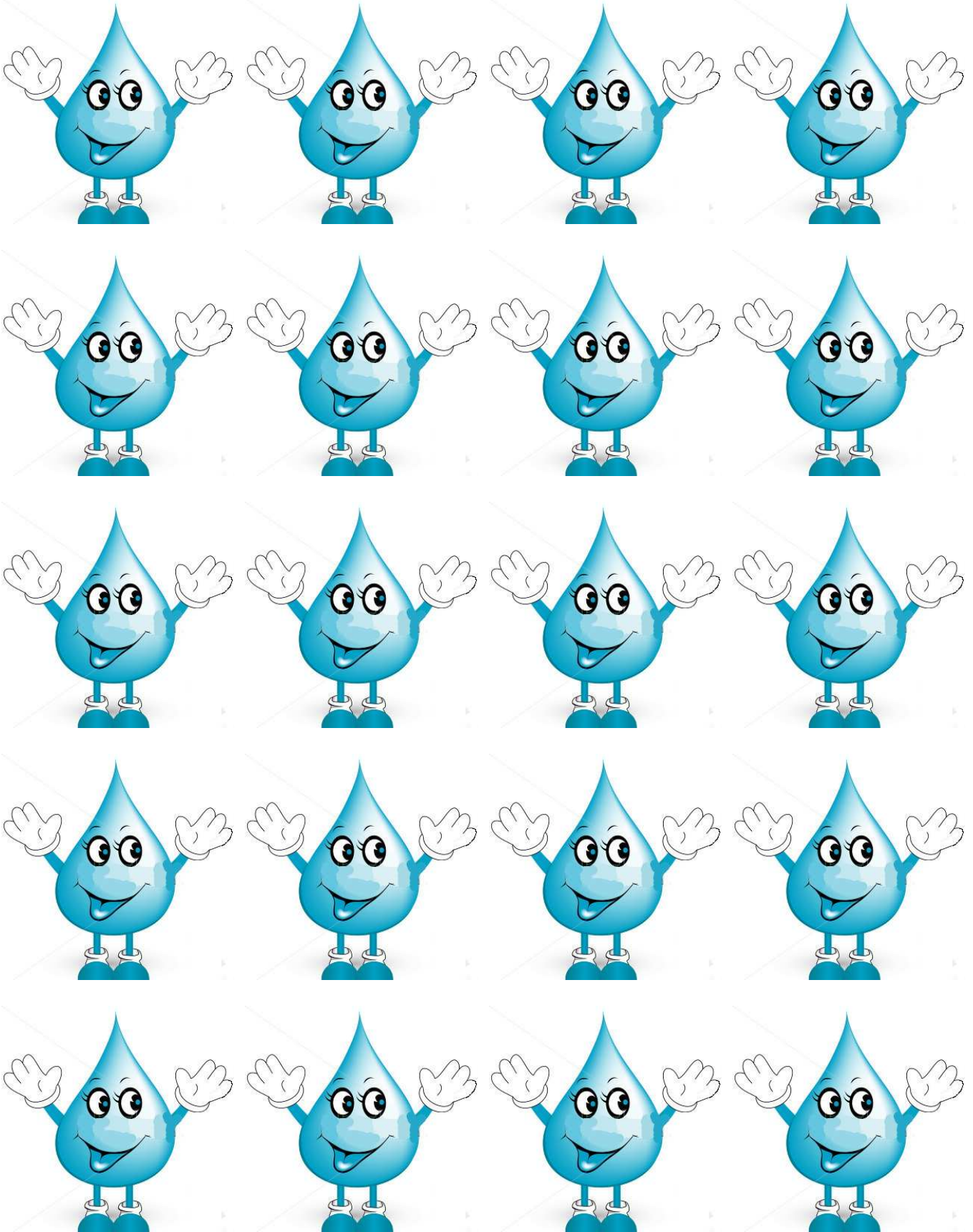
## Lifestraw Bonus

The patrol that works the best together, and not necessarily completing the most challenges, will earn a life straw at the end of the game. This will allow them to get rid of any dirty water droplets they may have picked up along the way. For more on lifestraws visit: <http://www.lifestraw.com.au/>



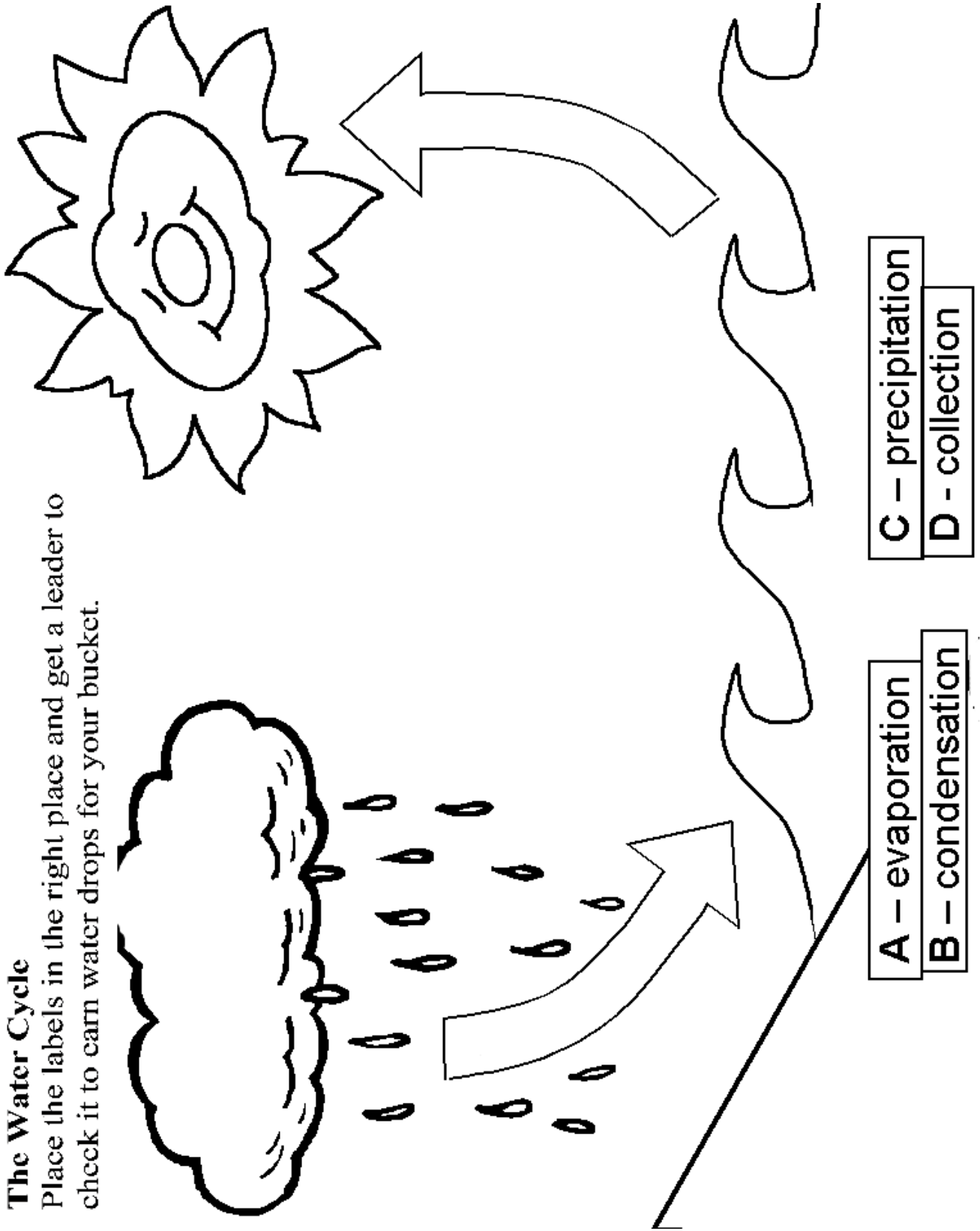
# Clean Water Drops

Given for completing challenges, working together as a patrol, caring for equipment  
Print as many copies of this page as required



# The Water Cycle

Place the labels in the right place and get a leader to check it to earn water drops for your bucket.



# WATER GETS THE WORK DONE

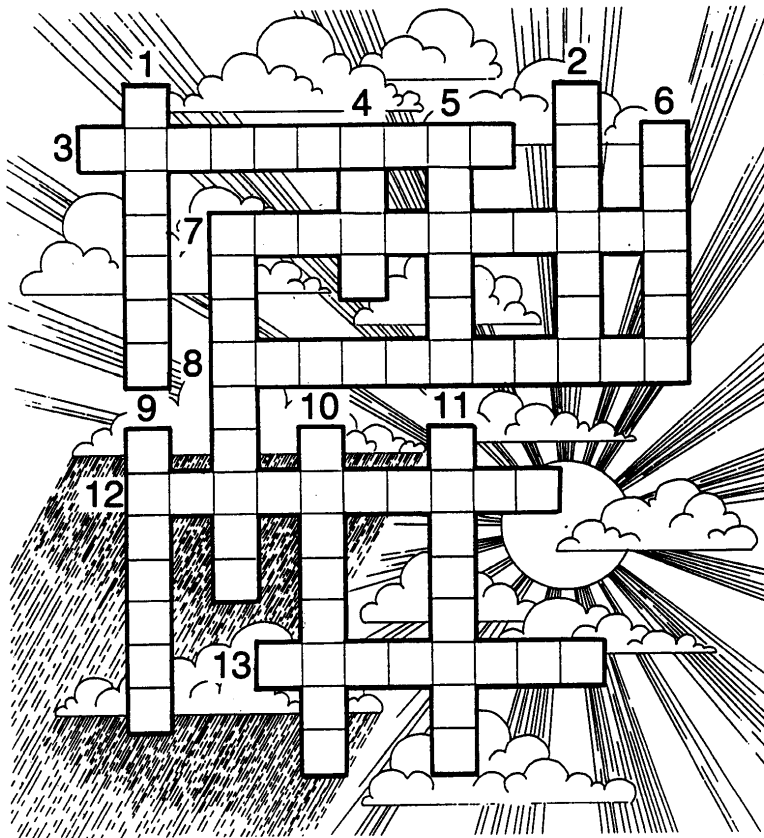
Can you name people who depend upon water for their jobs?

**Across**

- 3. A \_\_\_\_\_ prepares your medicine when you are sick.
- 7. A person who puts out fires is a \_\_\_\_\_.
- 8. A \_\_\_\_\_ cuts and styles your hair.
- 12. A \_\_\_\_\_ harvests trees for the manufacture of paper.
- 13. An \_\_\_\_\_ designs structures like bridges, dams and highways.

**Down**

- 1. A \_\_\_\_\_ is a person who works in a laboratory.
- 2. People who treat illnesses are \_\_\_\_\_.
- 4. The person who prepares food in restaurants is a \_\_\_\_\_.
- 5. A \_\_\_\_\_ works on a ship.
- 6. A person who grows food is a \_\_\_\_\_.
- 9. The person who catches your dinner in the ocean is a \_\_\_\_\_.
- 10. A person who arranges flowers is a \_\_\_\_\_.
- 11. A person who fixes cars and trucks is a \_\_\_\_\_.
- 1. A \_\_\_\_\_ trims shrubs and keeps lawns green.





# WATER AND YOU

Connect the dots of each of these figures. Color in the things you think need water to live.

