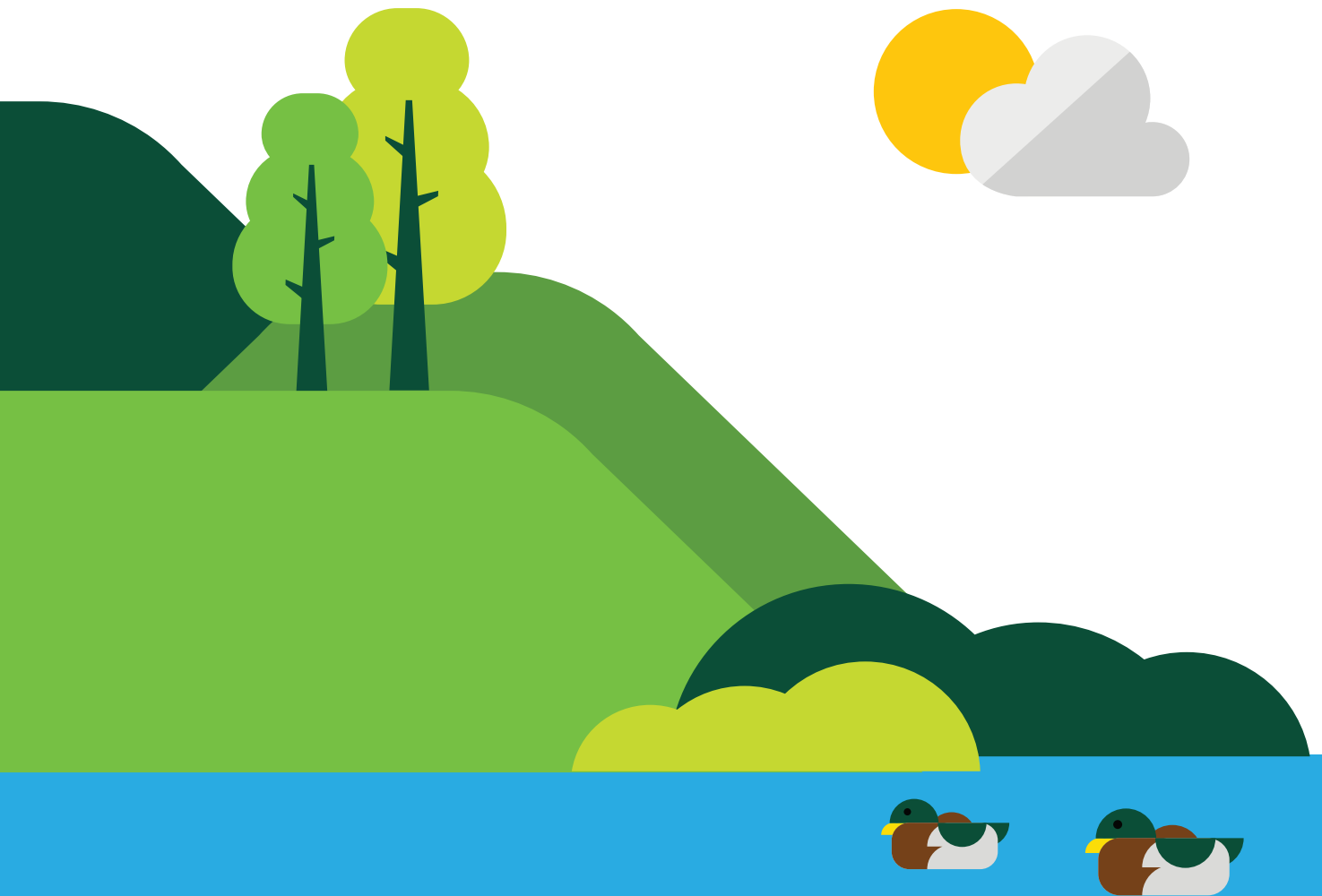


The Story of Water Activity Booklet



Name:

Age:

Let's learn about water

In Ireland, we bring 1.7 billion litres of clean safe drinking water to homes and businesses every single day. That's lots and lots of water that just doesn't fall straight from the sky to our taps, it needs to be cleaned and treated so it is safe for everyone to drink.

We also take 1.6 billion litres of wastewater from toilets, sinks, showers, washing machines, dishwashers and from businesses and make sure this water is treated too before it goes back into our rivers, lakes and seas.

There are thousands of people working around the clock, in Local Authorities and in Irish Water to make sure that this all happens. It's a really big job.

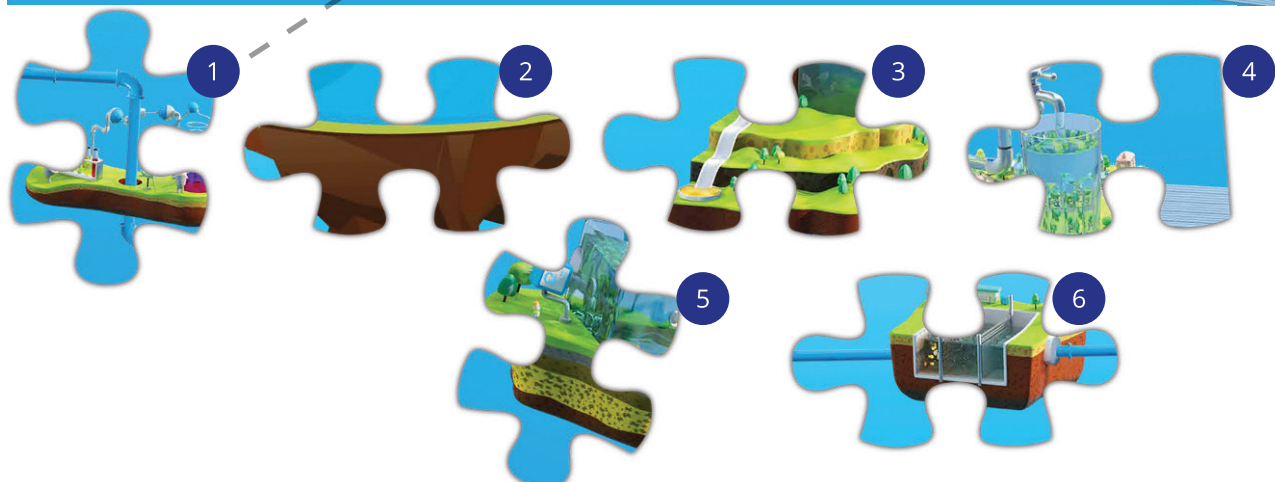
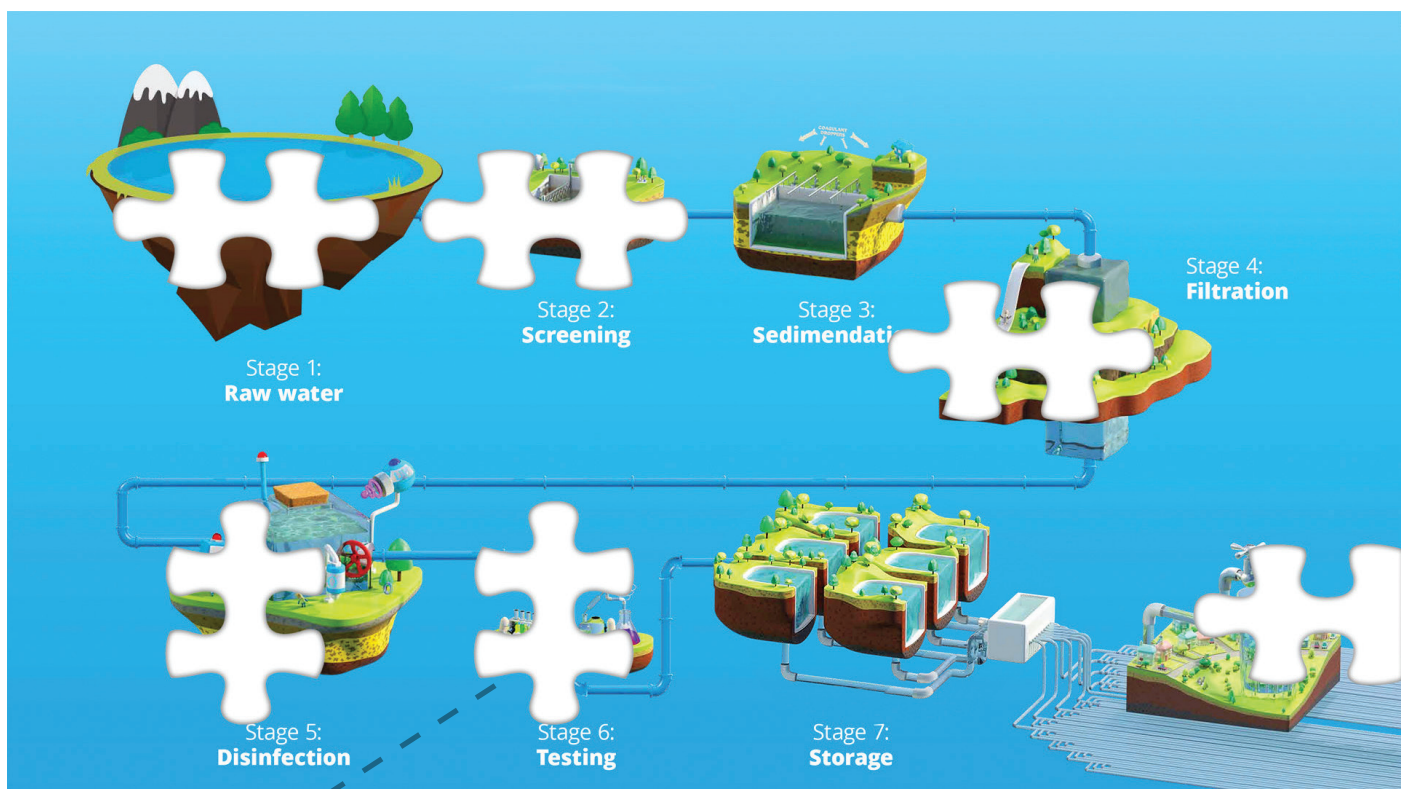
Here are some activities for you to complete all about the Story of Water.



How does clean drinking water get to your tap?

Rain water from the clouds flows into rivers and lakes. From there it goes to the water treatment plant and then on to the reservoirs. This process involves 7 stages over 3 days (raw water, screening, sedimentation, filtration, disinfection, testing, and storage) to be made clean and safe to drink.

Can you find the missing puzzle pieces to finish the picture?



Find the words

Find the following words in the rain drop.

WATER

RAIN

RESERVOIR

CONSERVE

TAP

CLOUDS

RIVER

SEA

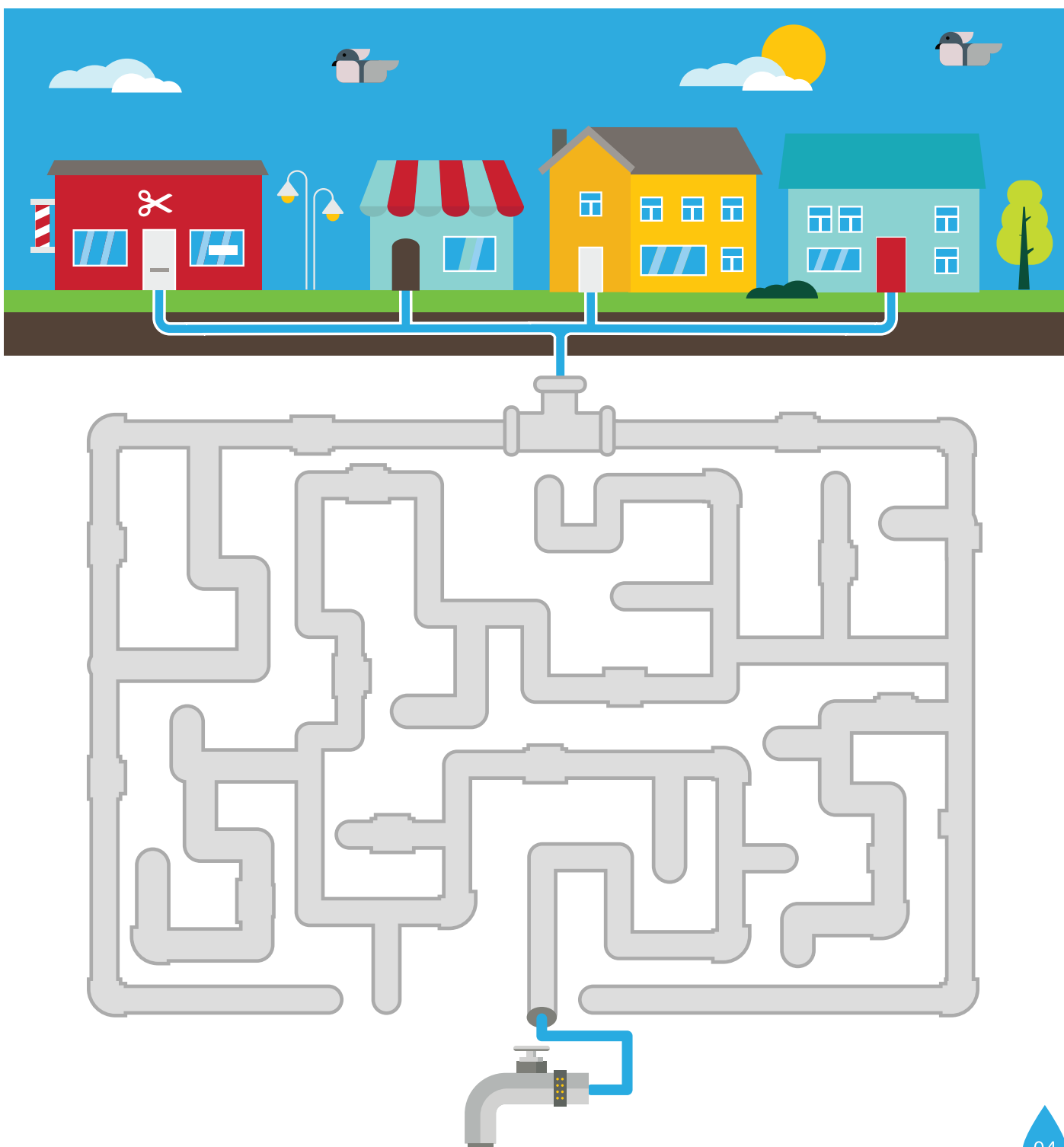


F R E S E R V O I R
O E W I B D L A F P
P D A B G V T P X R
M H T V J U A G Q E
X A E G K M A D A V
R T R Q M F O B L I
S E A O D T A P F R
R D I D C O N U I P
C O N S E R V E K A
W O S S D U O L C H

Find the way

Water from our rivers and lakes is made clean and safe to drink at the water treatment plant. The clean water then goes through the water pipes underground, sometimes long distances, to our kitchen taps for us to drink and use at home.

Help the water find its way through the pipe maze to the tap.



Spot the difference

Most of the 63,000 kilometres of water network in Ireland is under the ground. Some of our oldest pipes are over 150 years old and can be leaking. We are working to fix that.

Spot the 7 differences in these two images of water pipes under the ground.

1



2



How to save water

Water is precious, so it's important to not waste it. There are many ways that we can help save water.

The below images show ways of water being used. Match the sentences to the images, to show how water can be saved.



Spend less time in the shower.

Turn off the tap when brushing your teeth.

Collect rain water in a container for watering plants.

Put a basin in the sink to wash dishes, then use it to water the plants.

Fix the leaking water pipe.

Think before you flush

Every day wet wipes, cotton buds and other unsuitable items are flushed down the toilet instead of being put in the bin. This blocks sewers and pollutes our beaches. Only the 3 P's should be flushed – Pee, Poo and (toilet) Paper.

Below is a picture of a beach. Can you spot the things that were flushed down the toilet that shouldn't be?



Complete the words

Fill in the blanks

Instructions: Here are some words related to water. Guess the missing letters to finish the words.

 SEA

W T R

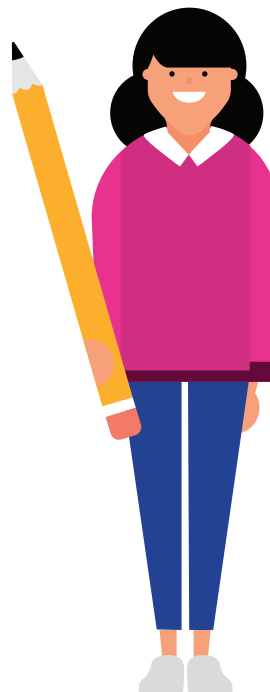
CL UD

W T R P PE

WAT R R SERV IR

R IN DR P

RAI



Word jumble

Instructions: Can you unjumble the letters to find the word? Clue: The words all relate to different ways water is used in the home.

ATP

T A P

OWSHER

TOTILE

ESHO

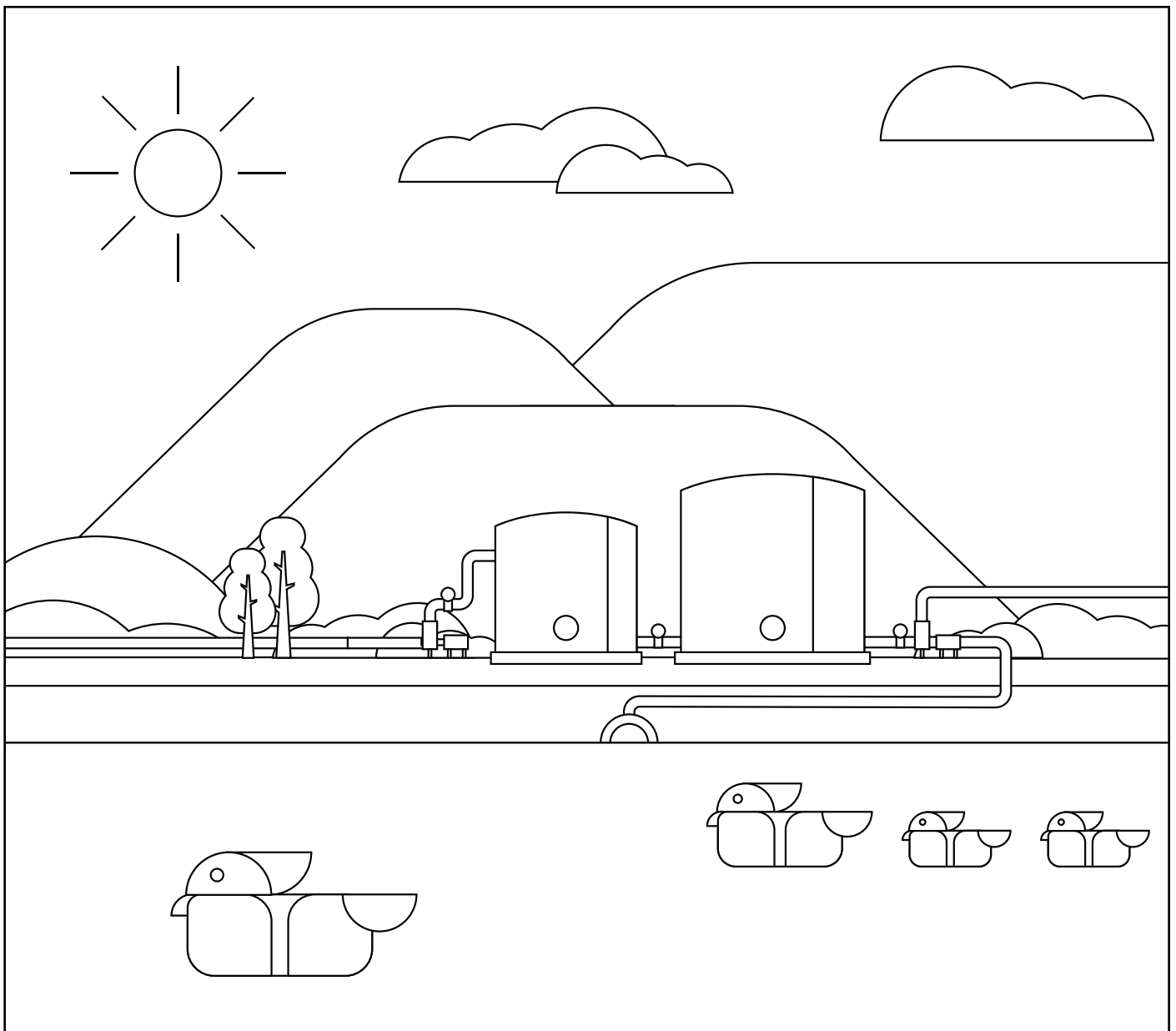
HWAISGN HAICNME

DIWASRHESH

Ever wondered what happens when you flush?

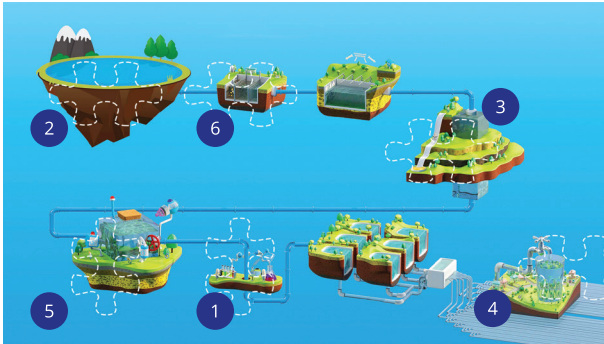
The water that is flushed down the toilet and washed down the sink travels underground in pipes to the wastewater treatment plant. This wastewater is made clean and safe at the plant before it is returned back to the sea.

Finish the picture by colouring it in.



Answers

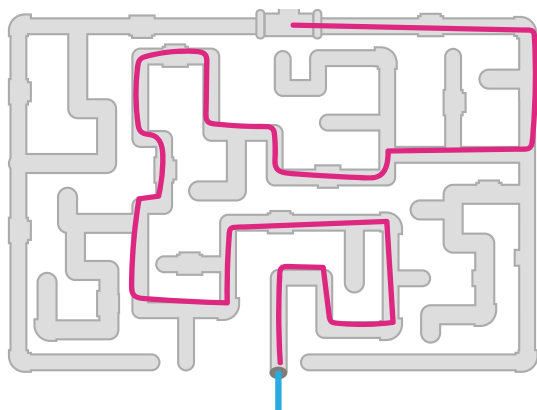
How does clean drinking water get to your tap? Page 2



Find the words Page 3



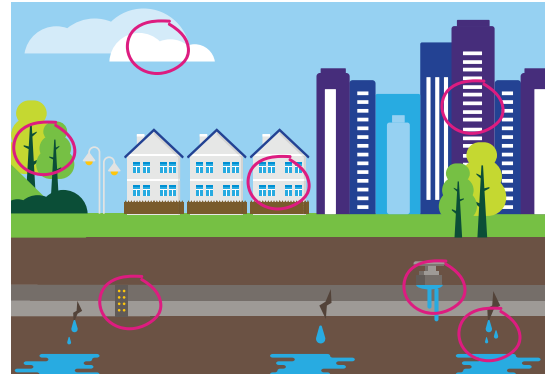
Find the way Page 4



Complete the words Page 8

Fill in the blanks:
sea, water, rain, cloud, water pipe, water

Spot the differences Page 5



How to save water Page 6



Think before you flush Page 7



Plaster Cotton bud Toilet tube



Nappy Wet wipe

Complete the words Page 8

Word jumble: tap, shower, toilet, hose, washing machine, dishwasher

To find out more about water in Ireland,
and how important it is to protect it, watch
the “The Story of Water” documentary at:
www.water.ie/storyofwater/

