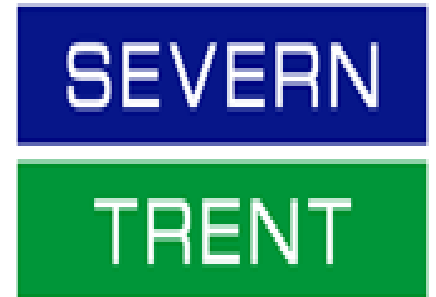


OUR WONDERFUL WATER TOUR ACTIVITIES



WONDERFUL ON TAP



The Experi Bus

There are three field challenges that we've designed for outside the bus:

- +Burst Pipe Detection
- + Fixing The Pipe
- + Identifying Waste



WONDERFUL ON TAP



The Mystery of the Polluted River – Who are the River Rotters?

Samples have been taken from various points along the river and it is the children's task to find out where the water is most contaminated and what could have caused it. As there is a Sewage Treatment Works along the river, it is in Severn Trent's interest to ensure that they have not polluted the river.

The children have to work out who is polluting the river. They will dress up as scientists and look through a microscope to see the bugs, do a pH test and best of all, a smell test!

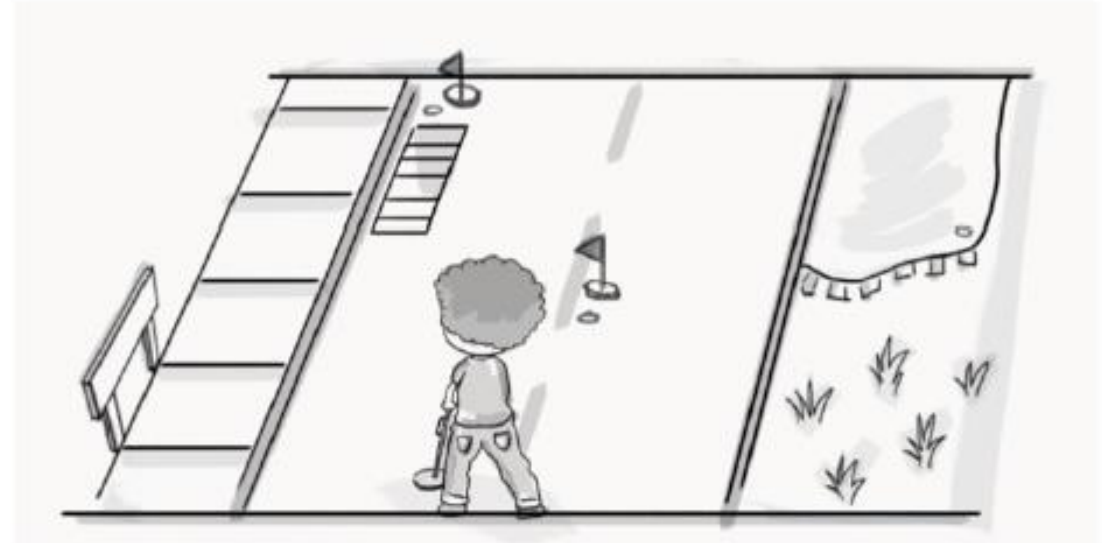
Contact Call Centre

Children have to listen to customer calls and help diagnose what problems need to be solved. They then have to decide which Water Engineer goes to which call out in which part of the town.

Burst pipe identification

Water engineers

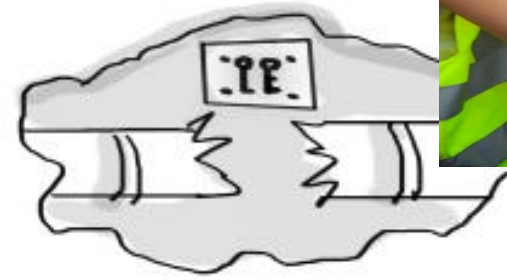
- + The water engineers use their water detector to identify where the burst pipes are under the road
- + Burst pipes are marked with a red ring
- + Once the 5 burst pipes are identified, the maintenance team are brought in...



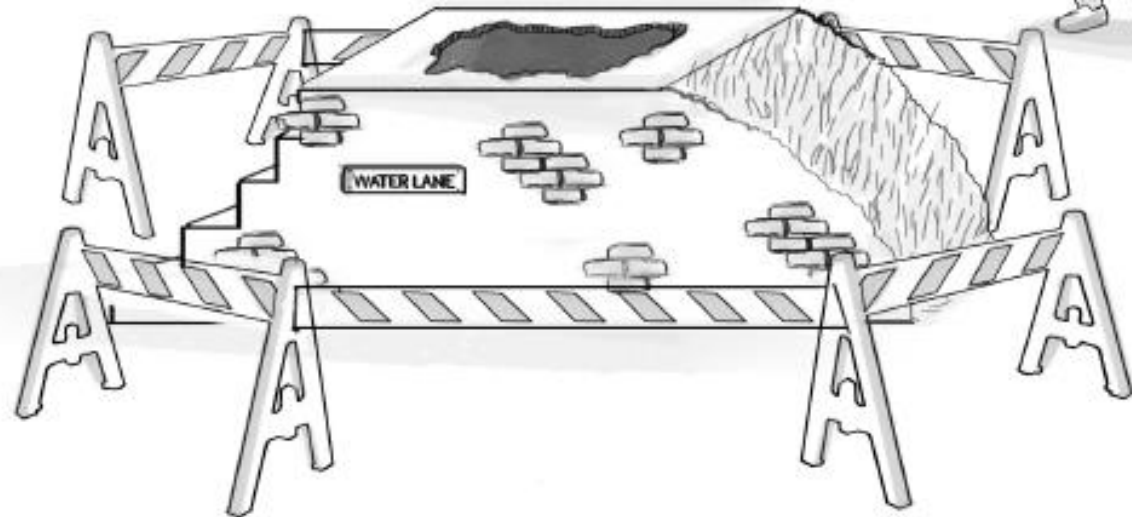
Fixing the burst pipe

Engineers

- + The engineers cordon off the location of the burst water pipe
- + The lead engineer lifts the drain hatch and safety climbs in and finds the cracked pipe
- + They communicate with the team to find the replacement pipe that fits to fix the burst pipe
- + The team radio back to the call centre to report the leak has been fixed

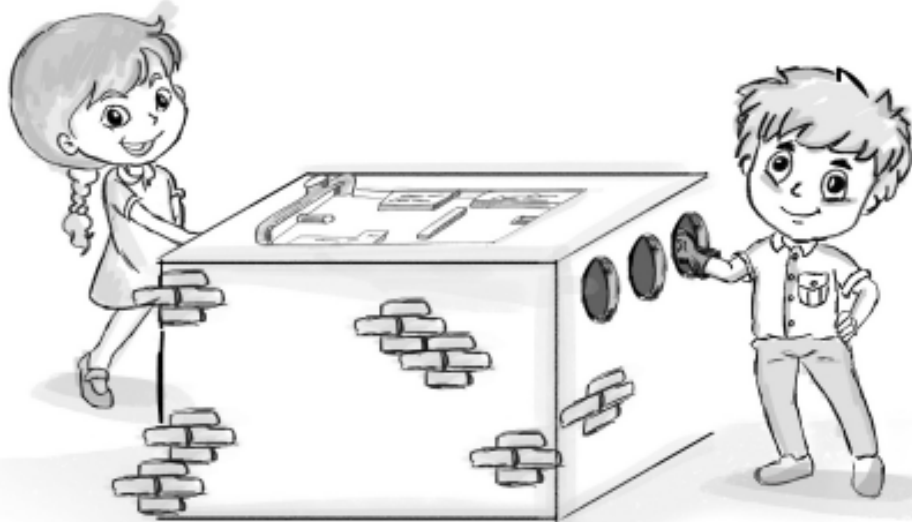


Once broken pipe is detected you must ring through to the stores to find the correct fixture.



Identifying waste

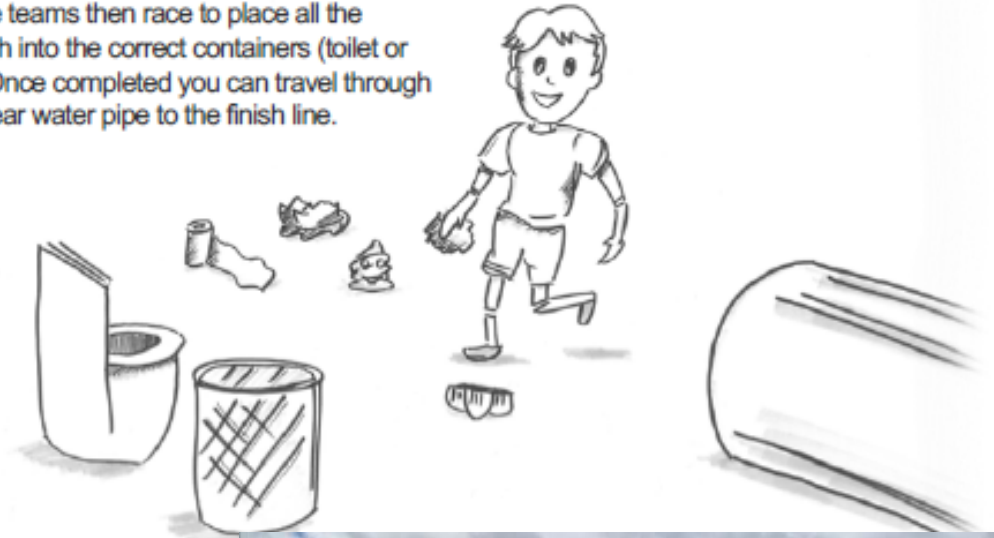
Waste management



1) Two teams search for pieces of waste commonly found in the sewers



2) The teams then race to place all the rubbish into the correct containers (toilet or bin). Once completed you can travel through the clear water pipe to the finish line.



OUR WONDERFUL WATER TOUR ACTIVITIES

Digi Bus

(both activities take part in the bus)



We've created a virtual reality film that takes Wonder the Raindrop on a journey falling from the sky, through the water and waste water treatment processes and back to the river. The children will all wear VR headsets in the Digi Bus and will answer a series of simple questions based on Wonder's experiences.

We've also created a bespoke Severn Trent world in the digital game, Minecraft. We've replicated some of our famous assets, and created some fantasy assets too, where children can play games that we've created.

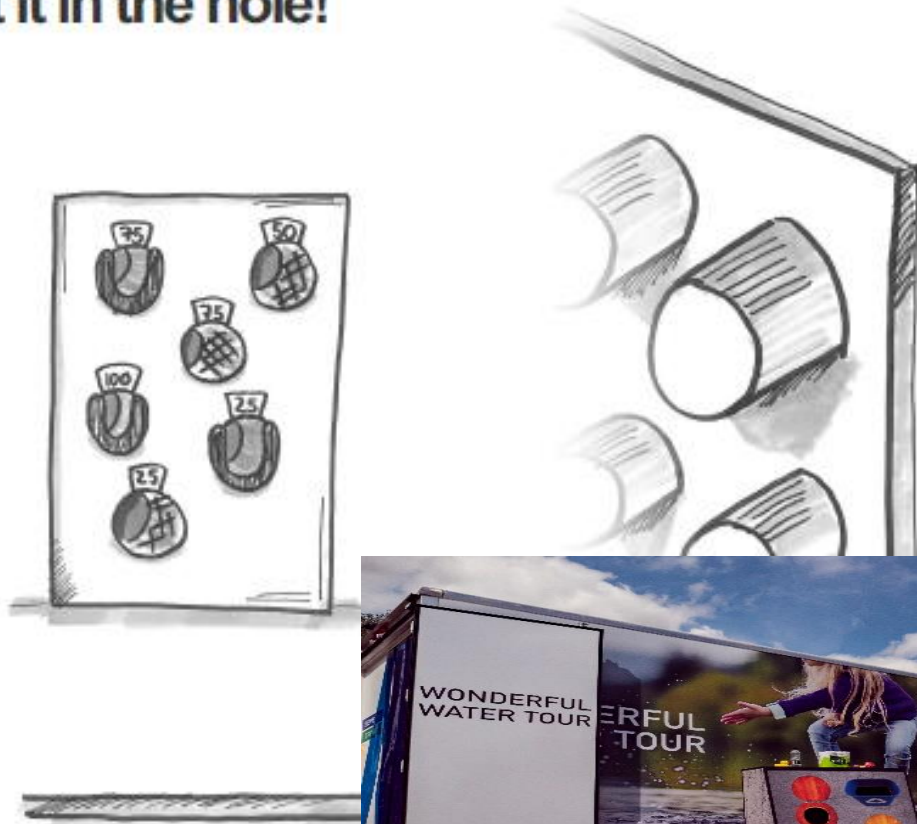
WONDERFUL ON TAP

SEVERN

TRENT

Interactive games

Get it in the hole!



The idea is to get all the rubbish (made from bean bags) into the correct holes – either a toilet or rubbish bin.

Some holes give you more points than others, and if you get a piece into the wrong hole those points are deducted from your total.



Interactive games

Leak Twister

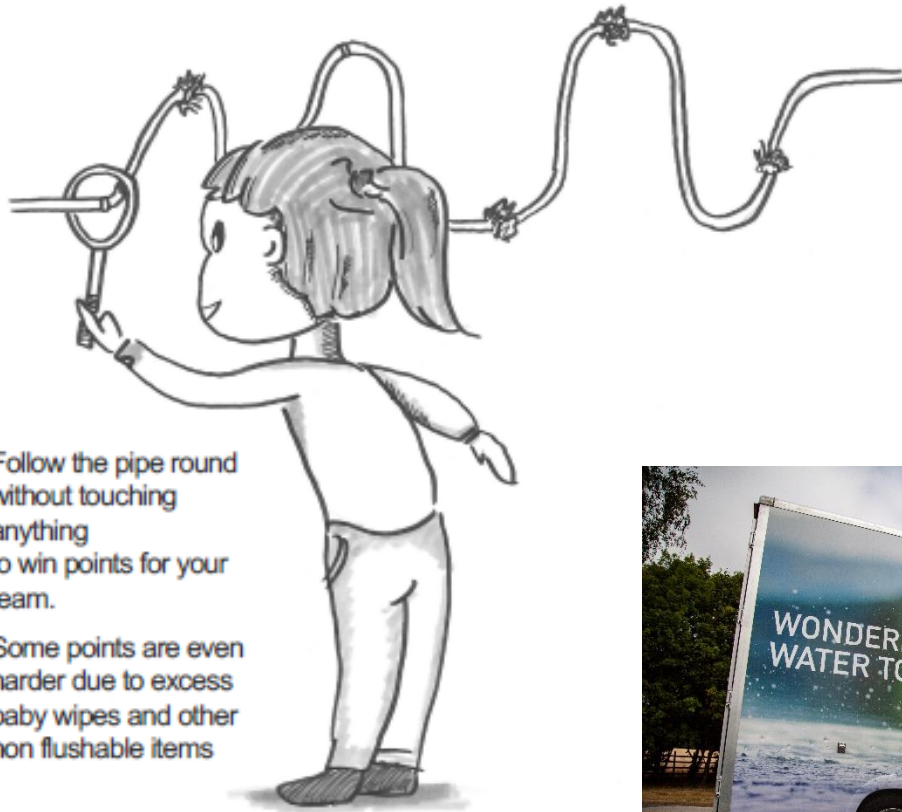
Spin to find out where the leaks are – once detected you must cover them with either your hands or feet.

Traditional twister mat colours would be changed to blues and greens.



Interactive games

Pipe buzzer



Follow the pipe round without touching anything to win points for your team.

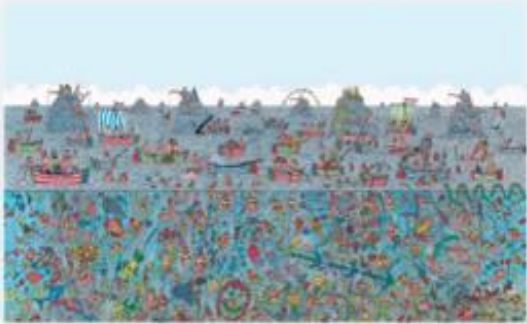
Some points are even harder due to excess baby wipes and other non flushable items



Quiet Time Games

These to be used as fillers or holders where pupils are waiting for another activity to become free. School will need to provide tables for these activities to be played on.

Where's Trent?



- A take on the classic game
- See if you can find Trent as well other waste and water items
- Game activated on A3 sheets of paper
- Pencils provided

Duplo build challenge



- Pick on of the Severn Trent water facilities and try build it using Dduplo!

Pipe connect



- Connect the pipes game on iPad
- Complete as many levels as you can

Severn Trent Puzzle



- Are you up to the challenge? Try recreate a Severn Trent facility in the shape of a puzzle