

Connect all four stages of the journey of wai and put your prototype to the test.

Does your network have what it takes to solve your challenge scenario?
Join the collect, clean, connect and care stages of your wai network journey to test the waters.

Step 1

Check the filter layers in your water treatment plant and refresh them if required.

Step 2

Place your water treatment plant on top of your water reservoir.

Step 3

Turn off the tap and check all connections.

Step 4

Add some natural debris and 1 scoop of lemon juice into 500ml of wai to make it wai paru.

Step 5

Test the wai for pH and turbidity.

Starting pH

Starting turbidity

(clear/turbid)

Step 6

Pour the wai paru into your treatment plant, letting it all flow through into your water reservoir.

Step 7

Open the tap and watch the wai flow!

Step 8

Once the wai has finished its journey through your network, wait 1-2 minutes. Then, test its pH and turbidity and record the results in the test tracker.

You'll need:

- Your water treatment plant
- Your improved wai network
- 500ml wai
- Lemon juice
- Natural debris (dirt, bark, grass, leaves)
- Resources to support wai network stability (boxes, tape, bulldog clips)
- 2 x containers that can hold 500ml of wai
- Measuring scoops
- Measuring jug
- pH strips
- Timer
- Torch (optional)

Test tracker

Collect		Clean		Connect		Care
How much wai did you add to your network?		pH (1-14)	Turbidity	Hapori connection point 1	Hapori connection point 2	Did your network protect the mauri of wai? How?
500ml						

Analysis:

What did you learn from your tests?

Are there any improvements you could make to your prototype before the final challenge?