



Wonder Project

# Water Challenge

## Activity 4.1: Wai network plan

### Plan a wai network to solve your challenge scenario!

Plan a network that includes each stage of water's journey and gets the right ratio of wai to your hapori connection points.



Collect

Natural wai source



Clean

Treatment plant  
Water reservoir



Connect

Pipes  
Connectors



Care

#### Your challenge scenario

Hapori connection point 1  
(% and ml)

Hapori connection point 2  
(% and ml)

#### I wonder what we've learned so far?

Think about what you've learned in the Water Challenge that might be helpful for your plan. Write some ideas and why they're helpful in the box.

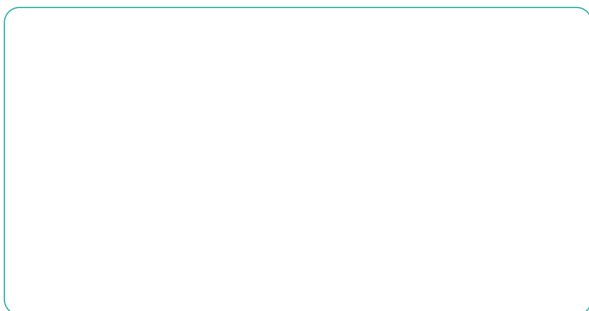
## Our wai network plan

Draw and label your plan in the box. Your plan should include:

- The resources you've chosen to use
- The measurements of each pipe (mm)
- The percentage of wai your hapori is supplied (%)
- The elevation of each part of your network (are they higher or lower than other parts)



How will this plan solve your challenge scenario?



What materials do you need to collect to bring your plan to life?

