



Wonder  
Project

## Water Challenge

## Activity 6.1: Data dive

Gather information about precipitation in your haponi by diving into the data from your rain gauge.

### Step 1: Organise

Visualise your rain gauge data in a graph or create a drawing to help you see patterns.

What have you learned from organising your data?

## Step 2: Analyse

See if your data can give you any information on how our climate might have changed over time.

**Ask:** How will our precipitation data differ from historical precipitation data?

Our conjecture

We think we experienced more/less precipitation this year. We think this because:

Using the climate data tool in the Student Hub, find the precipitation data for your hapori from this month, 10 years ago.

	Month	Year	Total precipitation (mm)	Average precipitation (mm)
Historical precipitation data				
Present precipitation data				
Precipitation data difference (mm)				

## Step 3: Draw a conclusion

What patterns or differences did you notice between your data and the historical data?

What could these patterns or differences in precipitation tell us about our climate?

Does your data match your conjecture? Why/why not?