Primary data collection task

# Find out what Melbournians think about recycled water

As a group, design and conduct a survey of friends or family. Find out what people in Melbourne think and know about recycled water and the Western Treatment Plant. This data will help you to investigate and respond to the inquiry question:

## How can the Western Treatment Plant help Melbourne to thrive and adapt to an uncertain future?

1. Are the people you survey apprehensive or confident about the use of recycled water?
2. Do they know what happens at the Western Treatment Plant or where their waste goes once they flush the toilet?

You can use MS Forms or Google Forms to create the survey. These applications will automatically graph the data from your responses.

**Components of the task**

* **Survey friends and family using Google Forms, MS Forms or similar apps**. Aim for a minimum of 10 survey questions and try to find at least 10 people for your group to survey. Try and make the questions clear and interesting and easy to answer.
* **Present results by graphing the results to each question.** Don’t forget to include a specific and informative label or title for each graph. Any symbols or colours need to be explained in a key.
* **Analyse results.** Discuss the most significant trends or findings from the data. Use specific examples to support your analysis. Describe any unexpected or interesting results. Aim for 1-3 paragraphs for the analysis section.

It will be easier to gather data if you limit the possible responses. One of the simplest ways to conduct a survey, is to provide respondents with a statement that they can agree or disagree to. See the example below.

|  |  |  |
| --- | --- | --- |
| Statement | Agree | Disagree |
| Water conservation is important. |  |  |
| I try to limit the length of my showers. |  |  |
| Recycled wastewater can be made safe to drink. |  |  |