Use data to plan a garden

Subject(s): **Mathematics**

Grade(s): **1–2**

Learning intention(s):

Students answer yes or no questions to gather and use data to help inform planning decisions for their garden beds.

Lesson Instructions

This activity is a useful way to introduce students to statistics, including how to gather data and interpret that data to help inform decision making.

1. Set up a chart with three columns

You will use this chart to plan what to plant for the next season.

Add headings to the columns:

- o Crop
- o Yes
- o No

2. Brainstorm different crops

In the first column, write down all the crops you could plant, based on your climate and the season.

Crop	Yes	No

3. Vote on crops

Ask the class if they want to plant each crop. Students vote by raising their hands for Yes or No. Write the number of Yes and No votes in the second and third columns.

4. Count the votes

See how many Yes and No votes each crop gets. Then calculate which crops have the most Yes votes.

5. Choose the top crops to plant

Pick the five most popular crops based on the votes. Use this information to decide what to plant.