

Numeracy in the Garden

Categorise or sort crops based on a range of factors such as size, colour, weight, season, etc.

Record the amount of rainfall or hours of daylight over a week, month, term or year and create a graph based on the data.

Examine what percentage of the seeds you planted turned out to be viable (grew into plants).

Calculate the cost of starting up a garden, adding a new garden bed, buying the required tools, etc.

Calculate the volume of soil required to fill your garden beds and the volume of mulch required to cover each garden bed to a depth of 10cm.

Explore how the different Indigenous cultures of Australia divide the year based on the cycles in local food sources and the cycles in their environment. For example, there are three seasons to the Mirriwoong people of the Northern Territory and six to the members of the Brambuk culture of western Victoria.

Find and photograph different shapes in the garden, then use the shapes to design a repeating pattern.

Investigate the seasons, lunar calendars, phases of the moon and the effect they have on plants.

Measure and make seed spacing sticks, so you always plant seeds the right distance apart.

Draw a map of the garden and then provide directions from one place to another. Work in pairs to test whether your directions are clear and accurate and amend if necessary.

Measure the perimeter, area and volume of your garden beds.

Create a list of garden plants needed and prepare a budget. Calculate how much you can save by seed saving, plant trading and propagating your own cuttings.

Create a business plan for a community garden.