



Years 5 and 6 / P6 and P7: A Numicon problem-solving activity for pairs Ages 9-11

Vegetable Patch 3

What you will need (per pair)

What to do

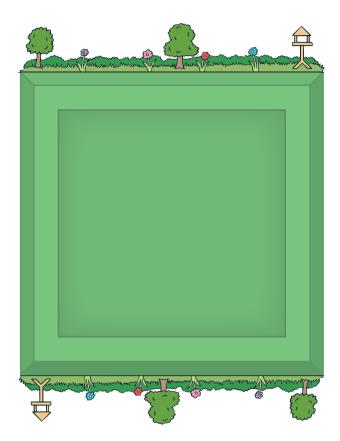
- A copy of this sheet. **Please note:** this is an A3 document and needs to be printed at 100%
- Number rods 1–6 or Printable Number Rods, printed and cut out
- 6×6 Number Rod Tray (or use the template below)
- In this activity the Number Rod Tray is your vegetable patch.Each size of number rod represents a different type of
- vegetable.
- How can you fill the vegetable patch using any two types of vegetables? One example is shown here:

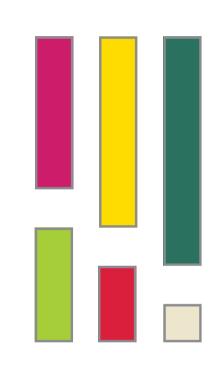


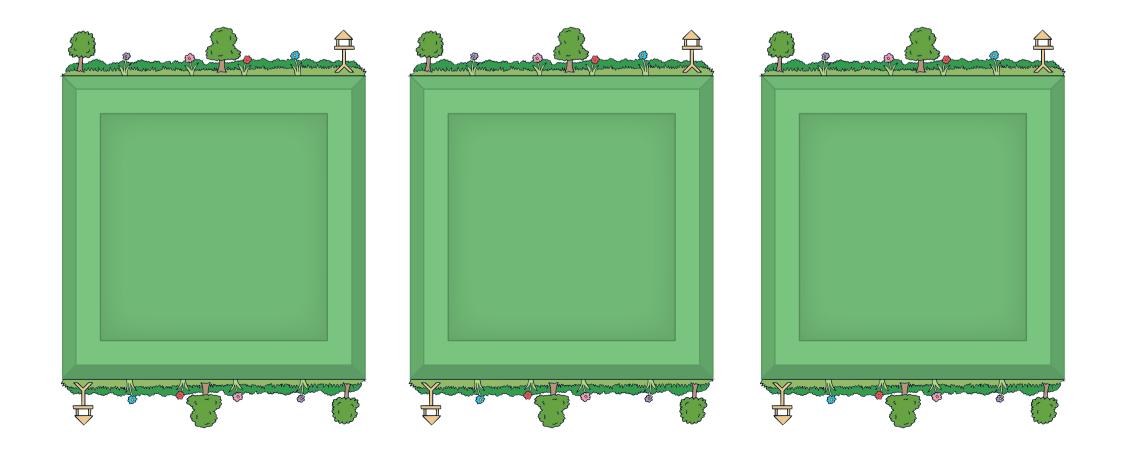
• Which combinations of two number rods are possible? You can use different numbers of each rod.

Extensions and questions

- Can you explain what you found out?
- What if you had to use exactly three types of vegetable? How many ways can you find to do this?



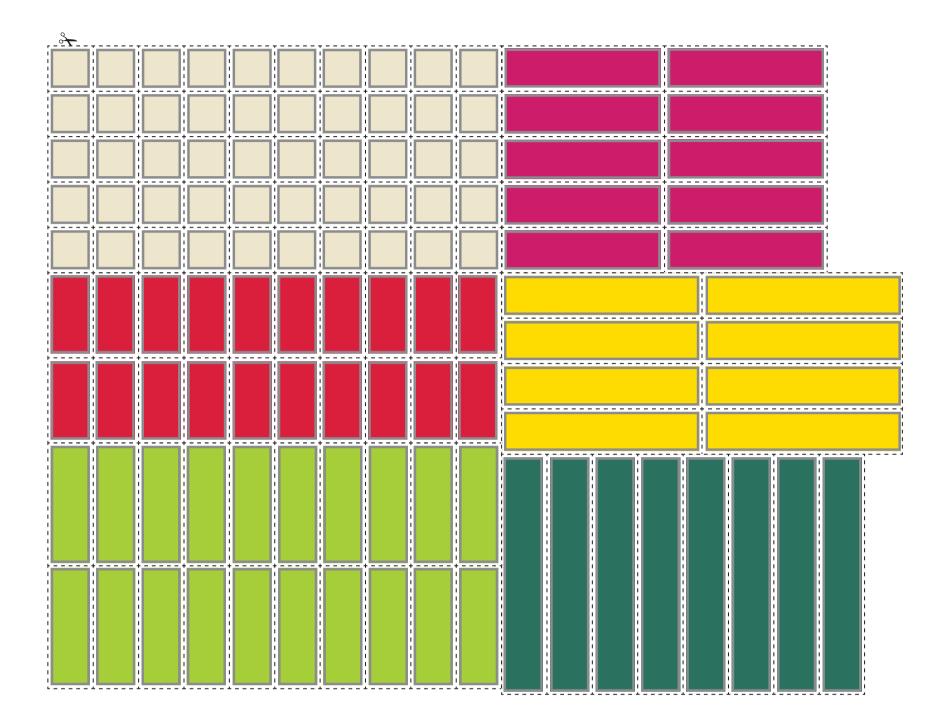








Printable Number Rods 1-6



 $\ensuremath{\textcircled{\text{o}}}$ Oxford University Press 2021. This page can be copied for use with the Numicon Vegetable Patch activities.