

# Flower Beds 3

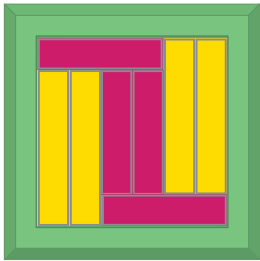
A Numicon problem-solving activity for pairs

### What you will need (per pair)

- A copy of this sheet. **Please note:** this is an A3 document and needs to be printed at 100%
- Number rods 1–6
- 6 × 6 Number Rod Tray (or use the template below)
- For Extensions: Number Rod Trays 7–10

### What to do

- In this activity the Number Rod Tray is your flower bed.
- Each size of number rod represents a different type of plant.
- How can you fill the flower bed using any two types of plants? 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 **three** types of plant? How many ways can you find to do this?
- What do you think would happen if you used the next size of number rod tray? Explore with different rod trays.

