Year 2 / P3: Bridging through multiples of 10
Ages 6–7

Vegetable Patch

How this will help

- This activity will help children to do adding calculations which involve 'bridging a multiple of ten', e.g. 57 + 8.
- It will also help them to understand that the tens digit changes when a multiple of 10 is crossed.

Words and phrases to use

add, equals, multiples of 10, reaching the multiple of 10, bridging a multiple of ten, adjust, ones, tens

You will need

- Coloured pencils
- A pencil

Learning opportunities

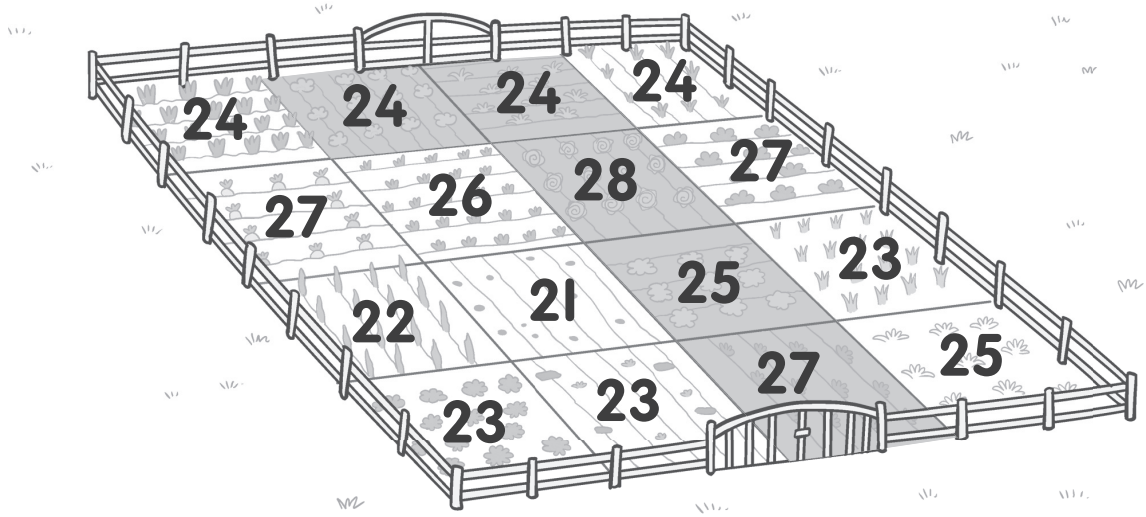
- Recall adding and subtracting facts to help with other mental calculations.
- Use understanding of the order of numbers.
- Explain that the tens digit will change when adding a 1-digit to a 2-digit number which involves crossing a multiple of 10.

What to do

- Give each child a Vegetable Patch sheet.
- Ask them to look at the game board and explain that they need to choose a path that goes through at least five numbered patches.
- Say that the five numbers they choose must make an unbroken path.
- Ask children to colour in the pathway they have chosen. 1
- Tell children that the number on each patch shows the number of vegetables they have to plant in each patch.
- Ask them to make the number on each patch by choosing the right number of carrots and parsnips and writing down the adding sentence, e.g. 16 + 8 = 24.

Next steps…

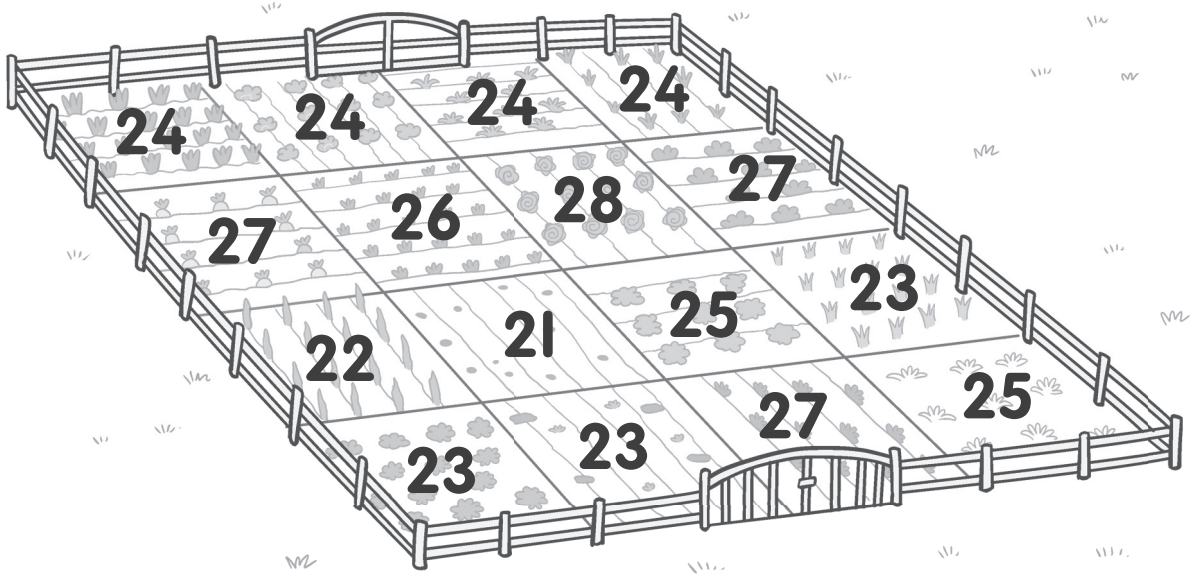
- Set word problems that will involve adding calculations that bridge a multiple of ten. For example, '14 people were on the bus. 7 more got on. How many people are on the bus now?'
- Children may also like to try solving word problems that involve adding a 1-digit number to higher 2-digit numbers.

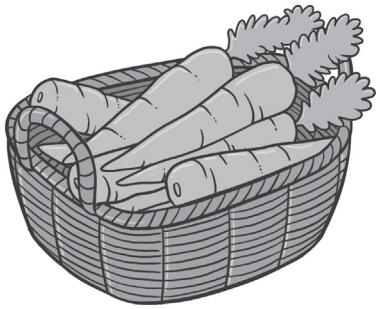


1

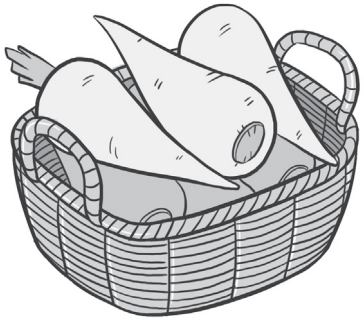
Name ..... Date ...../...../.....

Vegetable Patch





15 16
17 18 19



6 7 8 9