

Year 1 Unit 9 (Autumn) Support Session 1

Comparing and ordering

Objectives

Understand the vocabulary of comparing and ordering numbers.

Say the number that is one more or one less than any number from 1 to 20.

Vocabulary

before
after
more
fewer
one more
one less

Resources

0-20 number line
Interlocking cubes

Oral and mental starter

Count from 1 to 20 and back again, pointing to a number line as you do so. Say that you want to concentrate on the numbers from 10 to 20.

Count from 10 to 20 and back, pointing to the numbers as you do so. Ask the children to close their eyes and repeat. Ask them to open their eyes and choose a number, say 15. Together count from 15 to 20 and back from 15 to 10.

Q What number comes after 15? Before 15?

Choose another number, and ask the same questions, this time encouraging the children to close their eyes.

Main activity

Make one tower of five cubes and one of six cubes.

Q Which tower has more cubes. How many more?

Q Which tower has fewer cubes? How many fewer?

Determine that the tower of six cubes has one more cube than the other tower. Establish that the tower of five cubes has one less cube than the taller tower; encourage the children to use the phrase 'one less' in a sentence.

Ask the children each to choose a number between 10 and 20, e.g. 15 and build a tower with that number of cubes.

Q If your tower had one more cube, how many cubes would it have?

Q If your tower had one less cube, how many cubes would it have?

Plenary

Ask each child to find on the number line, the number that corresponds to their tower of cubes.

Q Where is the number that is one more? And one less?

Discuss how the number that is one more than a given number is the number after it, and the number that is one less, is the number before.

Year 1 Unit 9 (Autumn) Support Session 2

Comparing and ordering

<p>Objectives Understand the vocabulary of comparing and ordering numbers.</p> <p>Say the number that is one more or one less than any number from 1 to 20.</p> <p>Vocabulary before after one more one less</p> <p>Resources Cards with numbers from 10 to 20 0-20 number lines</p>	<p>Oral and mental starter Shuffle the 10-20 cards and lay them face up on the table.</p> <p>Q Which is the smallest number? And the biggest?</p> <p>Q Which number comes after 10? Which number comes before 20?</p> <p>Ask the children to help you to arrange the numbers in order. Encourage them to use the words 'before' and 'after' in sentences.</p> <p>Main activity Count a line of 10 pennies so that the children can see them.</p> <p>Q If I add one more penny, how much will I have?</p> <p>Ask the children to point to 10 on their number lines.</p> <p>Q Where is the number that is one more than 10?</p> <p>Ascertain that 11 is one more than 10 and that it is the number after 10 on the number line.</p> <p>Q If I have one less penny than 10, how much will I have? Where is that number on the number line?</p> <p>Agree that one less than 10 is 9, and that this is the number before 10 on the number line. Pick a number card, say 16, taking care not to show the children. Say one more than my number is 17. The number before it is 15.</p> <p>Q What's my number?</p> <p>Ask the children to use their number lines to help them identify your mystery number. Give a card to each child, asking them to hide it from the others. Ask them to use the words 'one more than', 'one less than', 'before' or 'after' to give clues about their numbers, and challenge the other children to</p>
<p>Plenary Shuffle the cards, and show them one at a time, asking the children to say together the number after or before the number you are showing.</p> <p>Repeat, gaining speed as the children become more confident.</p>	