

Spotlight 5: a learning check

Has difficulty remembering number pairs totalling between ten and twenty, resulting in calculation errors

Opportunity for: discussing and explaining

Shout it out

Time 5–15 minutes

Resources

- Two sets of number cards 5–10 (Resource sheet 1)
- Two bags
- Two children

Check: does the child use key vocabulary?

number pair	added to
number partner	plus
number facts	equals
more than	makes
less than	pattern
add	goes up in ones/twos

Teaching activity

‘This game, **Shout it out**, will help you to practise some of the number pairs we have been working on.’

You might want to give the child you have been working with some preliminary work with the game so that when another child joins in, the child is more confident and therefore more likely to experience success.

Put one set of cards 5–10 in one bag and the second set in the second bag.

How to play

1. You take a number from each bag, concealing the numbers until you can turn them over so that both children can see them at the same time.
2. The children add the numbers mentally and shout out the number. If they are right they win ten points. (If both children are right, they can both win ten points. You don't need to play the game too competitively.)
3. Put the number cards back in the bags.

Variations

- Play with two dice numbered 5–10.
- An easier game is to play with two 1–6 dice.
- Play the game the other way around. You show or say one number up to twenty, such as eighteen, and pairs of children can cooperate to make a number sentence to eighteen. This could be addition or subtraction.
- Choose a number, such as eighteen, then the child throws a dice and subtracts that number, shouting out the answer.

Learning outcomes

By the end of this set of activities children should be able to:

- tackle related learning tasks with increased motivation and confidence;
- use and understand connected mathematical vocabulary;
- remember number facts of pairs totalling up to twenty;
- see relationships between number patterns and use those patterns to help with calculating.