

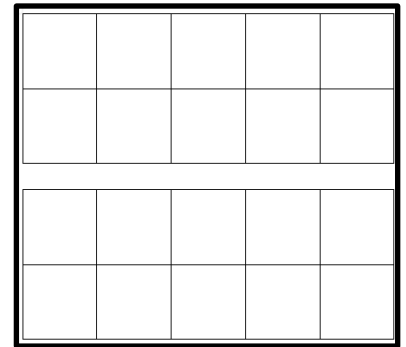
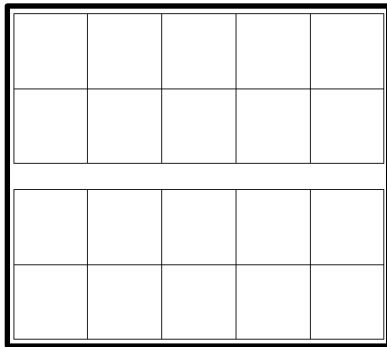
Addition: Add 1-digit numbers

Ten Frame Bus Game

Aim of the Game:

- The aim is to fill your bus up with people (counters or other representation) before your partner.

You will need:



Set up

- Option 1 - Use 6-sided die and a single 10 frame for each player to represent a bus with 10 seats.
- Option 2 - when confident in additions within 10, use a 10-sided dice and 2 ten frames to add within 20.
- Options to record the addition sentences / use the number line alongside the ten frames.

Play

- A throws the dice to find out how many people will get on the bus.
- A counts the people onto the bus, placing them on a seat. (Possibly record the number on whiteboard)
- B throws the dice and counts the corresponding number of people on to their bus.
- A throws again counting the people on and works out the total number of people on the bus.
- Continue taking turns - if you make 10 / 20 exactly - you win!
- Fake a mistake - do they spot it? Can they help you fix it?
- If you go over 10 / 20 - you miss a go as you have to land on 10 or 20 exactly to win!

Reflect

- My favourite mistake was when I...What was your favourite mistake?

Maths talk

In this game, children build on their understanding of addition by “adding more”.

Concrete resources are used to support children’s learning.

“First, then, now” stories can help to build their understanding. For example, “First there were 3 people on the bus. Then 2 more got on. How many people are on the bus now?”

A number line can also support children in finding how many there are. When working on a number line, they should start from the “first” number and draw jumps to find the total.

Things to look out for

- Are children subitising accurately (able to see the quantity of a small number of objects without counting) or relying on counting each counter?
- Can they hold the total in their head to add on?
- If using number lines, children may count along the number line rather than using numeral recognition to identify the starting point.
- Children may include the starting number when counting more. For example, if there are 3 and they get 2 more, they may count “3, 4”.

Key questions

- *What can you see?*
- *How many are there?*
- *Can you tell how many there are without counting? How?!*
- *How many more are added?*
- *How many are there now?*
- *What is the total?*
- *What is the addition sentence?*
- *How many do you need to throw to win?*

Sentence stems

If I know ____ plus ____ equals 10 then I know I need ____ more to fill the bus.

First there were ____.
Then ____ more were added.
Now there are ____.
_____ + _____ = _____