Key Instant Recall Facts
EYFS – Summer 1

I can recall number bonds to numbers 0-10, including partitioning facts.

Partitioning numbers (breaking a number into smaller parts) helps children understand **how numbers work**, not just how to count them.

When children can split numbers into different parts, they learn that:

- Numbers are **made up of other numbers**
- The same total can be made in **different ways**

This understanding is the foundation for all future maths.

Partitioning helps children:

- Add numbers more easily (e.g. knowing 10 is 2 and 8 helps with 2 + 8)
- Subtract with confidence (e.g. taking 2 away from 10 leaves 8)

Children who can partition numbers often move away from counting on fingers more quickly.

When children explore different ways to make numbers, they:

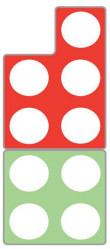
- Try ideas
- Check if they work
- Notice patterns - This builds confidence and flexible thinking.

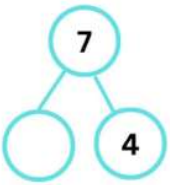
Partitioning numbers to 10 is an early step toward:

- Partitioning larger numbers (like 20 and 100)
- Mental maths
- Understanding place value later on

Key Vocabulary

How many?	add	partition	
take away	subtract	split	groups





Key Questions

Can you make the number in a different way?	How many are in this group?	How many in the other group?
How did you work that out?	Is there another way?	How many ways can you find?
If we have 10 and take **2 away**, how many are left?	What two numbers make 8?	If I add one more, what happens?

Top Tips

Everyday Object Play

Use things you already have at home:

- Toys, buttons, snacks, coins
- Ask: "We have 6 grapes. If I eat 2, how many are left?"
- Or split objects into two groups: "Can you make 8 using these in two piles?"

Snack Time Maths

Food makes learning more engaging:

- Give 10 crackers and ask them to split them in different ways
- "Show me 10 as 7 and 3"
- Let them eat one part—this reinforces the concept!

Dice Games

- Roll a die and ask: "What do we need to add to make 10?"
- Example: roll a 4 → child says 6

Finger Counting

- Hold up a number of fingers and ask how many more to make 10
- Example: show 6 fingers → "How many more to make 10?"

Draw & Colour

- Draw 10 circles or a "ten frame" (2 rows of 5 boxes)
- Colour some in and ask how many are left. This builds strong visual understanding

Songs & Rhymes

- Use counting songs that go up to 10
- Pause and ask questions like: "We had 10, now 3 are gone—how many left?"
- Repetition through music helps memory

Make It a Game

- "Number bond treasure hunt": hide numbers around the house and match pairs that make 10
- Memory matching cards (e.g., 6 matches with 4, 2 with 8)

Simple Apps

Some apps reinforce number bonds through games, but keep it balanced with hands-on play:

- Hit the Button
- Numberblocks World