

Ten frame cards 0 to 7

This set of 8 ten frame cards, showing 0 to 7, helps children see each quantity as dots on a frame and builds a deep understanding of the composition of 7. Practitioners use the cards so children can match a ten frame to a matching amount of real objects, find pairs of cards that combine to make 7, and talk about how many more dots are needed to fill the frame to 7. The cards support [eyfs.ma.number.1](#) (composition of numbers) and [eyfs.ma.patterns.3](#) (patterns within numbers, including how quantities can be distributed equally).

How to use

- Carpet time warm-up: hold up one ten frame card at a time and ask children to say how many dots they see without counting one by one, then ask how many more dots would fill the frame to make 7.
- Pairs hunt in continuous provision: hide the cards around the role-play area or in the sand tray. Children work in pairs to find two cards whose dots make 7 together, for example the ten frame showing 2 and the ten frame showing 5, or the ten frame showing 3 and the ten frame showing 4.
- Matching with real objects: Priya places conkers onto a blank ten frame mat to match the dots on a chosen card, then checks her amount against a friend's card to see if together they make 7.
- Washing line display: peg the 8 cards onto a low washing line in order from 0 to 7 so children can point to each one, notice the growing pattern of dots, and spot that 0 and 7 make 7, 1 and 6 make 7, and so on along the line.
- Take-away game: show the ten frame showing 7, cover some dots with a cloth, and ask children how many are hidden and how many are left showing, linking to zero and take away.
- Small-group snap: shuffle two sets of cards and play a simple pairs game on the carpet, turning over cards to find two that make 7, such as the ten frame showing 0 and the ten frame showing 7.
- Adult-led modelling: use the cards alongside fingers or counters to show the same amount in different ways, supporting children who are learning English or who benefit from extra visual and physical representations of each number.



