

Year 1 – Find and Make Number Bonds

Practical Maths Guidance

Activity Outcomes

- This is a Year 1 objective, however it can be adapted for younger or older children.
- Your child will learn to explore ways of making number bonds to 10 and 20.
- They will also practise using mathematical vocabulary and a range of ways to view number bonds using different equipment you can make and use at home.

Setting Up

What you will need

- pens
- paper/card playing cards (optional) – if using card, cut it into squares and number them 0-10 or 0-20 (be sure to include two 5s or two 10s for this bond)

Activity Guide

Activity 1 – Matching Game

This is a two player or single player game.

- Lay out the number cards face down and mixed up.
- Take turns to turn over two cards to find a number bond. E.g. if you are making 10 and turn over 7 you are then looking for 3 to match with this as 7. This game works like a memory game for matching pairs but looking for the bonds that make 10.
- The aim is to match all the cards to make 10 or 20.

Activity 2 – Make a Bar Model for Number Bonds

This is a quick practical way to look at number bonds to 10 or 20

- Cut paper into 3 strips of equal length.
- Cut two of the strips into 10 or 20 equal pieces.
- Use a number generator or roll a dice to place the small pieces across the larger strip, work out how many ways you can make the 10 pieces of paper the same length as the one long strip.

Questions you could ask your child during the activity

- What number do you need to add to make 10/20?
- How many ways can you make 10/20?

Further Support and Ideas

- Watch this idea on YouTube here: <https://www.youtube.com/watch?v=rX2m327JFYw&t=9s>
- For tutorials, interactive games and more to support this lesson on number bonds visit kids.classroomsecrets.co.uk