

Year 1 – Cakes and Calculations

Number – multiplication and division

Statutory requirements

Pupils should be taught to:

- solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

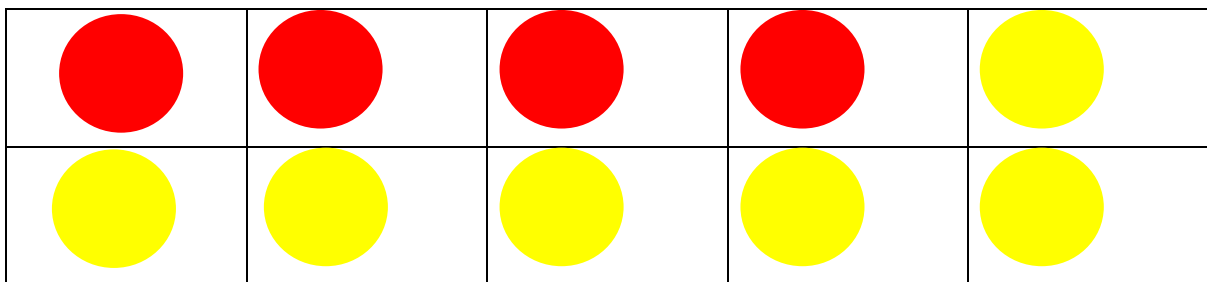
Rolling Counters:

1. Get 10 counters and shake them together in your hands.
2. 'Roll' them onto the table.
3. Some will be yellow, some will be red.
4. What add what makes 10?

Example:

$$4 + 6 = 10$$

$$6 + 4 = 10$$



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Dice Number Bonds to 10:

1. Get a dice.
2. Roll the dice. What number have you rolled?
3. What more do you need to make 10?

Example:



$$+ 4 = 10$$



$$+ 7 = 10$$

Counting in 2s to 20:

1. Get 2 tens frames and 20 counters.
2. Put 2 counters onto a tens frame. What number do you have?
3. Add another 2 counters to the tens frame. What number do you now have?
4. Keep going until you reach the number 20!

0-50 Number line:

Can you use a 0-50 number line to jump up in 2s?

Start at 0. How far can you get?

Challenge – Choose a number on your number line. Can you find 1 more than your number? Can you find 1 less than your number?