Daily lessons

Year 1: Counting on and back in 2s within 50

GUIDANCE FOR PARENTS

Learning objective
In this lesson, children will learn to count forwards and backwards in steps of 2.

LEARN

Video 1: *Count on and back in 2s within 50 – Part A*
This video introduces the topic of counting in 2s using bikes, because each bike has 2 wheels. Before you watch the video, try to find 20 small objects to help with counting. These could be toys, cars, building blocks, raisins... socks are also good because they come in pairs! Encourage your child to count along with the video to practise counting in 2s. At the end, they can do more counting with the small objects.

- This video sets the question: *There are 5 bikes. How many wheels are there?*
  The aim of this question is to help you child identify when it is easier to count in 2s. Pause the video when it suggests discussing the points below with your child.
- When your child answers this question they might count the 10 wheels individually. See if they can instead count in 2s (2, 4, 6, 8, 10). Ask, *do you have to count in 1s? Could you count in 2s?*
- To help your child with this, use the small objects to move in 2s to help represent their counting.
- This video uses a number line and ten frames to help understand how to count in 2s. You could put the small objects you are using into a homemade ten frame in 2s by using the printable ten frame provided or by drawing your own.

Video 2: *Count on and back in 2s within 50 – Part B*
Video 2 set children a question to count in 2s above 10. It helps children spot the counting pattern when counting in 2s, to see that when counting in 2s you only ever say numbers that end in 0, 2, 4, 6 or 8.

Watch the first part of the video and pause it before you answer the question. Then watch the rest of the video and join in with the counting and find out the method.

- This video sets the question: *2 more bikes cross the finish line. How many wheels are there now?* The aim of this question is for your child to practice counting in 2s above 10. Pause the video when it suggests to discuss the points below with your child.

- This question says there are now 2 *more* bikes. That means 7 altogether. You can count 7 groups of 2 or you can start from 10 and count 2 more groups of 2 to get 14. The video shows how to show this on a number line (7 arrows going up to the number 14).
- If your child finds the questions challenging, use toys or other small objects to help with the counting. Imagine putting the small objects into your own ten frame. Ask, *what representations could we use to help count in 2s?*
- After watching, you can keep counting together in 2s with your small objects all the way up to 20. If your child can do this, make a group of 10 small objects and count back from 10 in steps of 2 (like this: 10, 8, 6, 4, 2, 0).

PRACTISE

Activity 1
These 3 questions practise counting forwards and backwards in 2s. They are a bit harder than the questions in the video. Talk to your child about how the pictures help answer the questions.

For **question 1,** check your child knows there are 2 shoes in each pair. The ten frame shows 24 shoes altogether, but the number line isn't finished. Can they draw a number line with 6 more jumps to show the answer **24**?

Read **question 2** carefully!
The ten frame shows 16. Your child can draw 8 jumps of 2 to show 16 on the number line. How does the number line help with the number of **pairs** of shoes? Each jump is a pair of shoes, so the answer is **8** pairs.

If your child finds **question 3** hard, draw the jumps of 2 on a number line.

3c is hardest because you have to count backwards in 2s!

Here are the answers:
3 a): 16, 18, **20,** 22, **24,** 26, 28, **30,** 32
3 b): **28,** 30, 32, **34, 36,** 38, **40,** 42, **44**
3 c): 40, **38, 36,** 34, 32, **30,** 28

Activity 2

This page allows your child to practice their new skills of counting in 2s. If possible, print the page to enable your child to use the ten frames to support them.

The answer to **Q1** is **16**. See if your child can count in 2s instead of counting each wheel separately. Try counting socks or other pairs of objects from around the home if they need help.

The correct answer for **Q2** is to draw 8 circles and 10 circles in the empty tens frames, and write **8 and 10** in the boxes underneath.