

Maths Mastery Home Learning Challenge

Adult Guidance

What Are We Learning?

We are learning about odd and even numbers.

How to Set up the Challenge

- Set up four plates of food, two bowls and two toys. Each of the plates should have a different number of food items, odd and even. This could be six biscuits, five grapes, four orange segments and three sweets.
- Take one plate and explain that the toys want to eat some food. With your child, count the items on the first plate of food and share them out between the two toys' bowls. If the amount can be shared without any left over, discuss with your child whether that makes it odd or even.

How to Get Your Child Thinking

- Is this an even amount of food? Why? Why not?
- There is one left over, does this make it an even or odd number?



Test out their thinking by using other household objects, for example books or toys. Take an even number of books and pair them up. Next, choose an odd amount and see if they can be paired up and if there are any left over.

Odd and Even Numbers



- How much food is there on the plate? Do you think this is an odd or an even number?
- There is one piece left over. Does this make the number odd or even?
- Now we have counted out the food on the plate, how can we check what we have found out?