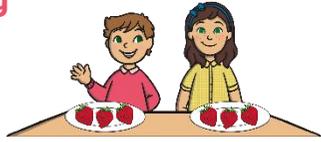


Maths Talk and Learn: Supporting White Rose Maths Sharing and Grouping

Sharing



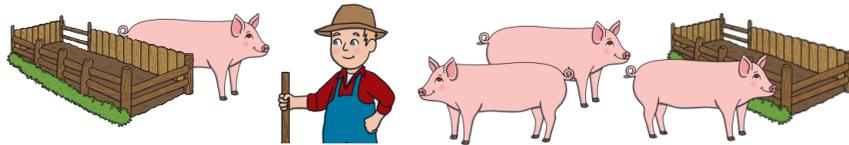
share fair equal same



unfair unequal different

Talk about how the children have shared the strawberries.

The farmer would like to fairly share his pigs between the two pens. Talk about how the farmer could put the pigs into the pens. What did you find out?



Even and Odd Sharing

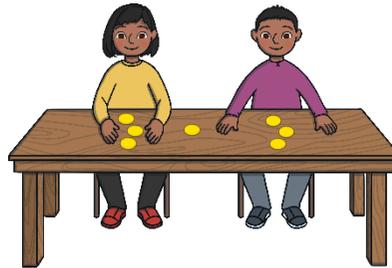
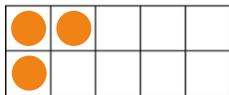
Even numbers can be shared equally into two groups.

Odd numbers can't be shared equally into two groups - there will always be one left over.

even



odd

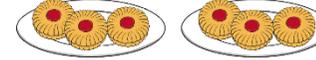


Mia and Henry are investigating odd and even numbers. They have tried to share 7 counters equally. What do you notice? Is 7 odd or even? How do you know?

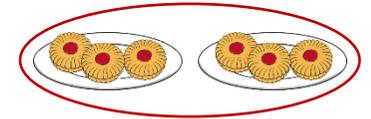
Grouping



set



groups



altogether

What do you notice about how these eggs have been arranged?



Aria's teacher has asked her to sort the pencils into equal groups. How could she move the pencils to make the groups equal?



Play With and Build Doubles

Double means 'twice as many' or 'two of the same'.

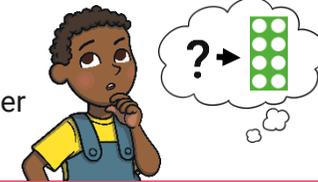


double

I am painting a ladybird that shows a double. So far, my ladybird has 3 spots on one side. When I've finished, how many spots will there be altogether?



Yani is thinking of a number. When he doubles it, the answer is 8. What number is Yani thinking of?



Challenge Yourself:

- Ask an adult to get you 5 biscuits and 2 plates. Share the biscuits equally between the two plates. What happens? How could you solve this problem so that it is still fair?
- Take a handful of building bricks. Sort them into groups of the same colour. Now look at each of the groups. Which group has an even amount of bricks? Which group has an odd amount? How can you check?

Challenge Yourself:

- Ask an adult to get you 12 buttons or coins. Can you put them into equal groups? Is there more than one way to do it?
- Ask an adult to get you some building bricks. Ask them to build a small tower. Can you build a tower that has double the amount of bricks? How many bricks will you need?