

Digging Deeper

Odd and even



Ask all the children to collect an odd number of cubes.

Ask them to check each others and compare the different quantities.

Are all the quantities odd? How could you check?

Now ask the children to collect one more cube and add it to their set.

How many do you have now?

Do you still have an odd number of cubes?

Ask the children to continue adding one more cube and to discuss what they notice.

What is the largest odd number you can build?

How can you check that it is odd?

Find half



Maths

Provide 2 teddies and plates and a selection of items for halving. Ask the children to explore which quantities will halve exactly into 2 equal groups and which will have one left over.

If you have 6, can you give both teddies the same?

What about if you start with 5?

Is this an even number or an odd number?

How do you know?

Encourage the children to draw pictures to record their findings.

Make equal groups

This time keep 12 items to share each time but vary the number of teddies and plates.

Ask the children to explore sharing the 12 items into equal groups so that each teddy gets the same.

If there are 2 teddies will they each get the same?

How many are in each group?

Are there any items left over?

What about 3 teddies? 4 teddies? 5 teddies? 6 teddies?