

Maths Mastery Home Learning Challenge

Adult Guidance

What Are We Learning?

We are learning to double numbers.

How to Set up the Challenge

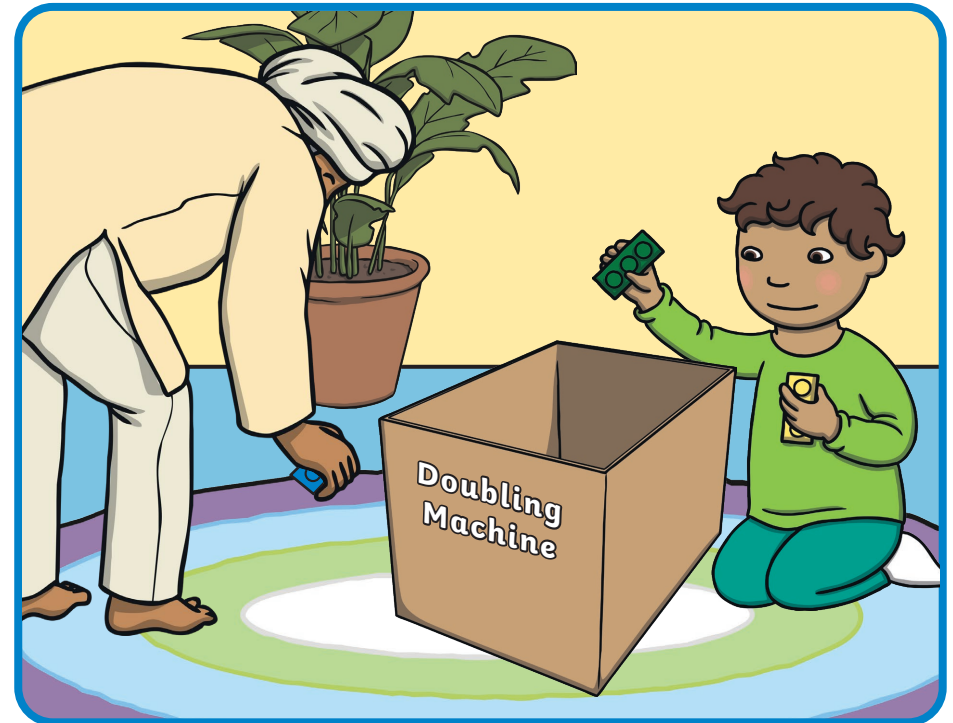
- Gather a collection of ten items (such as building bricks) and a box.
- The box will be your doubling machine!
- Count the items and give your child and yourself five items each.
- Once your child has counted some items into the doubling machine, count the same number of items into the doubling machine.
- Give the box a shake and then open the box and count all of the items.
- Encourage your child to explain the double. For example, 'three and three is double three. Double three is six.'

How to Get Your Child Thinking

- How many things did you put in the box?
- How many did I put in the box?
- How many altogether?
- What is double...?
- If we wanted to find out what double two is, how many things should you put in the box? How many should I put in?
- What does double mean?
- I think double five is ten. How could we check?



Doubling Machine



- Give yourself and your grown-up five things each.
- Place some inside your doubling machine.
- Ask your grown-up to place the same number of things into the doubling machine.
- Give your doubling machine a shake and then count how many things there are altogether. What double did you find?
- Play again with a different number of things.