

Maths Mastery Home Learning Challenge

Adult Guidance

What Are We Learning?

To make repeating patterns using two or three colours.

How to Set up the Challenge

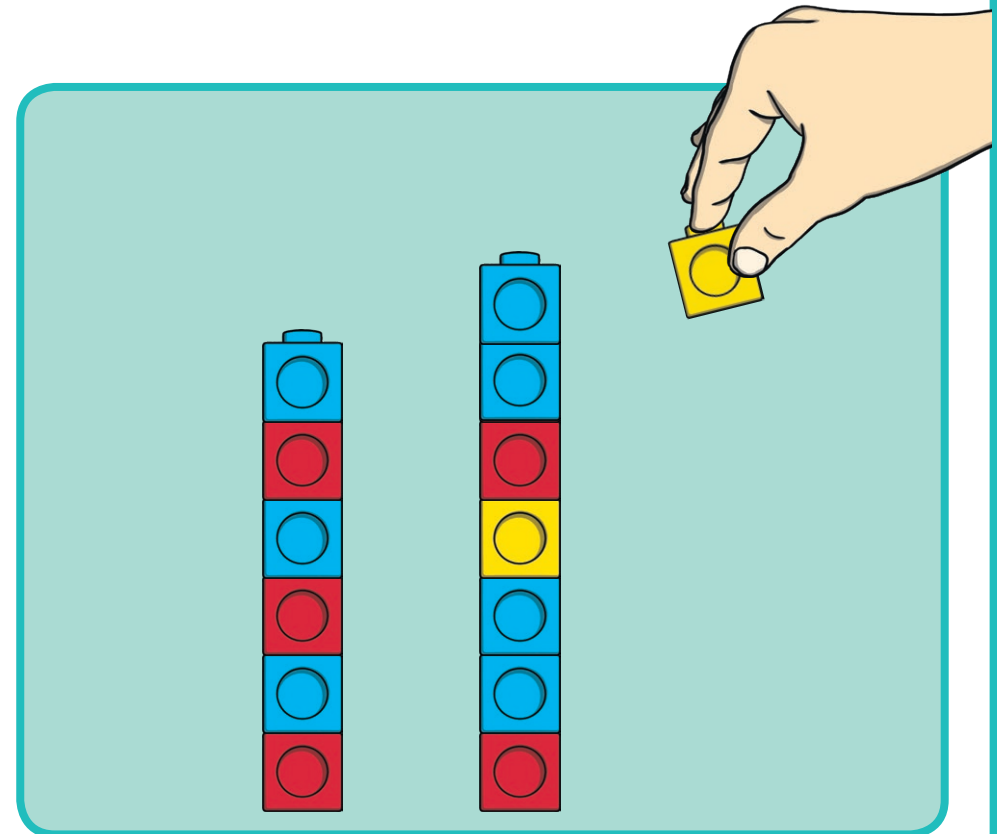
- Provide children with some cubes that can be stacked or connected to make a tower.
- Make a pattern tower with two colours (such as red, blue, red, blue) and ask your child to continue the pattern.
- Can they build their own pattern tower using two colours? How about three colours? Make a pattern using three colours (such as red, blue, yellow, red, blue, yellow) and ask your child to continue the pattern.

How to Get Your Child Thinking

- What do you notice about my tower? Can you say the pattern?
- Can you copy my pattern? Can you continue my pattern?
- What colour would come next?
- How many times have you repeated the pattern?
- This pattern goes: red, blue, blue, yellow, red, blue, blue, yellow. What would come next? How can you be sure?
- Can you make your own pattern using two/three colours?
- Can I copy your pattern?



Pattern Towers



- Can you say the pattern that your adult has made? How many colours did they use?
- Can you continue the pattern?
- What comes next? How do you know?
- Can you make your own pattern using two or three different colours?