

Maths Mastery Home Learning Challenge

Adult Guidance

What Are We Learning?

We are learning about numbers beyond 10.

How to Set up the Challenge

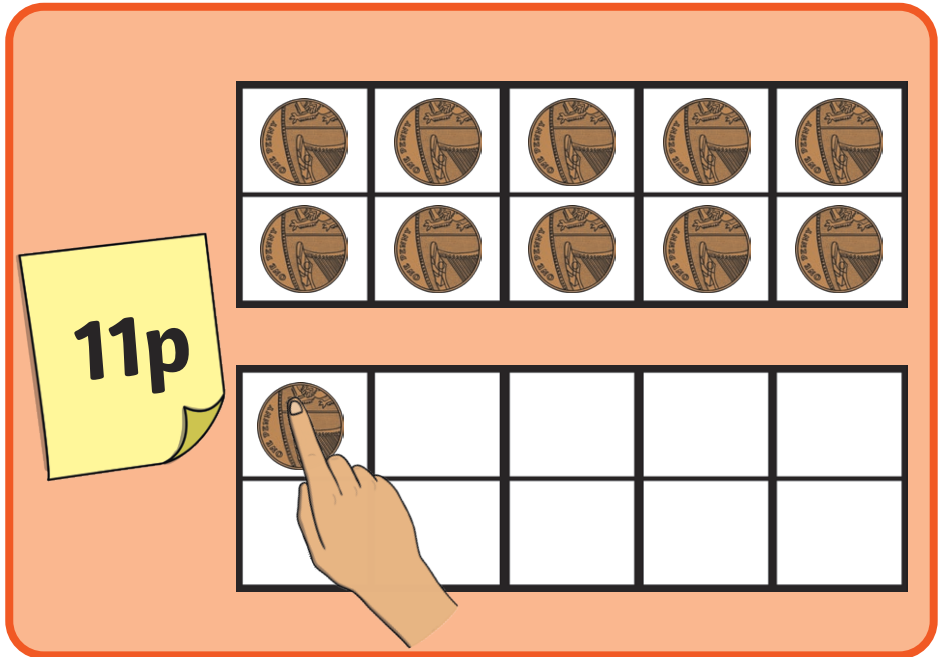
- Begin by drawing two ten-frames, one above the other. Ten-frames are ten boxes arranged in two rows of five. Each box should be slightly larger than a penny. This will be a pretend money box.
- With your child, count ten pennies into the top ten-frame.
- Talk about the top ten-frame as being 'full' when it contains ten coins.
- Next, write amounts from 11p to 20p on small pieces of paper and provide a bowl of pennies for children to use.
- Invite your child to pick a piece of paper and place the pennies onto the second ten-frame to make the total number.
- Once your child has made the number, talk about the ten-frames.
- For example, for the number 11 there is a full ten and then one more.
- Repeat the activity with other numbers to 20, encouraging your child to talk about the numbers they make.

How to Get Your Child Thinking

- Can you help me fill this ten-frame?
- How many pennies are in the money box?
- What number did you choose?
- Can you make the number 12?
- How many pennies do you need to put onto this ten-frame to make number 14?
- Can you help me make the number 16?
- What do we need to do to make 20?



Ten-Frame Money Box



- Draw a ten-frame money box with two ten-frames.
- Can you fill the first ten-frame with 1p coins?
- Pick a card. What number does it show?
- Use 1p coins to build this number by placing them onto the second ten-frame.
- Can you make each number from 11 to 20?
- Can you tell a grown-up about your ten-frame money box? How many 1p coins are inside?