

Maths

This week in maths your child will be learning:

- **Place value in numbers from 10 to 20**

Children need to see that these numbers can be made from 10, and some more. This not only helps children to 'see' how these numbers are made, but is also the foundation for learning about place value in larger 2-digit numbers, e.g. 25 is made from 20 and 5, 35 is made from 30 and 5 etc.

- **Seeing how numbers from 10 to 20 are written**

Children can find teen numbers more difficult to understand than other 2-digit numbers, because we say the ones digit first, e.g. **eighteen**, whereas with other numbers such as seventy-**eight**, we say the ones digit last.

Monday (15-20 minutes)

Quick starter: Practise counting to 100...and beyond!

<https://www.youtube.com/watch?v=e0dJWfQHF8Y>

You will need 20 similar objects e.g. beads, blocks, buttons, cheerios etc

Ask your child to help you put 10 objects in a line. Place one object on a new line next to the ten. How many objects? 10 and 1 more makes 11. Write $10 + 1 = 11$ on paper.

- Ask your child to add another object to the single one. How many objects now? Point out that we don't need to count the 10 again. 10 and 2 more makes 12. Write $10 + 2 = 12$. Point out the number 12 has a 1 to show one ten, and then the 2 to show the 2 more.
- Repeat for 13, 14, 15... 19 objects.
- We've made all the numbers between 10 and 20! Did you hear that lots of these numbers end in '-teen'.

Support your child if needed by helping them to count on from 10 on fingers to make the 'teens' number.

Challenge: Ask your child to write to write the additions themselves after the first few.

Tuesday (10-15 minutes)

Say different numbers from 10 to 20. See if your child can write the numbers from memory.

- Shuffle the 10 to 20 cards (see resources). Show one to your child.
- Hold up 10 fingers, then ask them to show how many more fingers to hold up to make the number on the card (e.g. for the number card 14: You show 10 fingers and your child shows 4 fingers).
- Repeat for each card, including 10 and 20.

Support your child if needed by helping them to count on from 10 to show the number on the card.

Challenge: Ask your child to put up the correct number of fingers *without* counting on from 10.

Wednesday (15-20 minutes)

Quick starter: Show a number card from 10 to 20. Ask your child to say the number, then 1 more or 1 less than the number.

You will need 20 cut up straws/twigs/matchsticks/spaghetti strands/cotton buds. Make a bundle of 10 and bind it together with string or elastic. Keep the other 10 straws separate.

- Show your child the bundle of straws and single straws. Tell them there are 10 straws in the bundle.
- Shuffle the 10 to 20 cards. Ask your child to pick one.
We're going to make this number using a bundle of 10 straws and some single straws.
- Take a bundle of straws. How many more do we need? Ask your child to take single straws, counting on in ones if necessary, to make the number on the card. Place the card by the straws.
- Repeat with a new number card, and another bundle of 10 straws, then ask your child to add single straws to make the number on the card.
- Repeat for each card.

Support your child if needed by helping them to count on in ones from 10 to the number on the card.

Challenge: Ask your child to write the addition sentence, e.g. $10 + 2 = 12$.

Thursday (10-15 minutes)

Quick starter: Watch the place value video for teen numbers:

<https://www.youtube.com/watch?v=uedvwH6Ay18>

Re-cap yesterday's learning by saying a number between 10 and 20 and asking your child to make the number using the straws from yesterday. When your child can do this confidently, ask your child to make:

- a number between 10 and 15;
- a number between 15 and 20;
- a number between 10 and 13;
- a number greater than 16
- the number before 20 etc.

Challenge your child by asking them to write the numbers they make.

Friday (15-20 minutes)

Quick starter: Ask your child to order the number cards from 10 to 20. Play I Spy: I spy a number that is one more than 13/1 less than 20/2 more than 11 etc. If your child guesses correctly, they can spy a number for you to guess.

Show your child the money worksheet (see resources). Show them how to solve the first problem by counting on from the 10p coin and writing number sentence e.g. $10p + 2p = 12p$.

Help your child to complete the worksheet.

Resources:

Tuesday:

10

11

12

13

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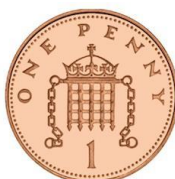
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Friday:

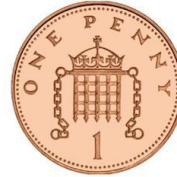
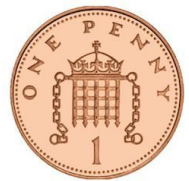
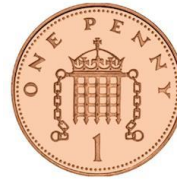
How much money have you got?



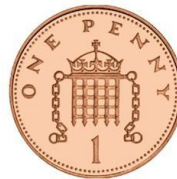
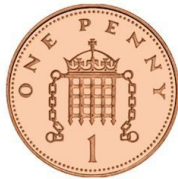
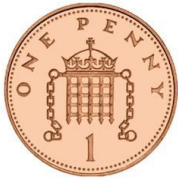
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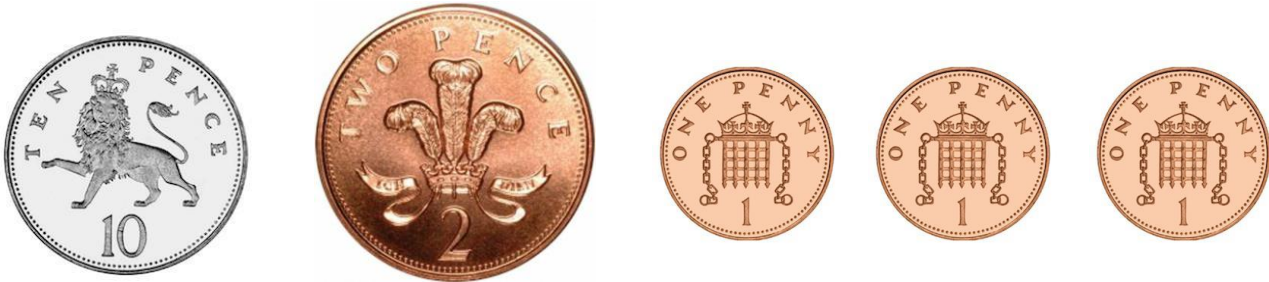
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Well done! Here are some challenge questions if you are feeling extra brainy today!

How much money do you have?



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