

Maths Reception Home learning wc 8.6.20

[Click here](#) to select counting songs to sing before starting your Maths activities.

Monday – Finding one more up to 20

Using your number cards 1-20, put them in order and hang them on a washing line/face up so that they can be seen in order. Using blocks/pencils/counters, count out 5 and see what happens if we add one more? Show this as a number sentence:

$$5 + 1 =$$

Add one more to the blocks/pencils/counters that you are using and count how many there are altogether.

$$5 + 1 = 6$$

Find 5 on your number line and point out that 6 is the next number after 5.

Repeat, this time showing 9 counters. What is one more than 9? Point out how number 10 comes after number 9 on the washing line/number line.

Write this as a number sentence:

$$9 + 1 = 10.$$

Repeat with different numbers and write out the number sentence each time. If you are feeling confident, use numbers above 20.

Tuesday – How many cars in the car park?

Make a covered car park using an upturned cardboard box with a door cut out. 'Drive' three cars into the car park then show two more. *These cars are going to go and park next.* Hold up three fingers to show the cars already in the car park, and then hold up two more fingers to work out how many cars are in the car park now.

Write out the number sentence:

$$3 + 2 = 5$$

Lift up the box to show the total.

What happens if two more cars park in the car park? How many are in the car park now? Hold up five fingers, and then two more. *How many cars are in the car park now?* Lift the box to check the amount and record the number sentence:

$$5 + 2 = 7$$

Add two or three cars to the car park, recording the number sentence each time.

Wednesday – How many pennies in the tin?

Using a money box or a small cardboard box, count in five pennies. How much is in the tin? Show the number on your fingers. If two more pennies are added, how many pennies are there altogether now? Put up two more fingers to show the new total. This can be written as a number sentence:

$$5 + 2 = 7$$

If two more pennies are added to the coins, how many are there now? Can you show this on your fingers? How would this be written as a number sentence?

$$7 + 2 = 9$$

Continue to add two, three or four pennies to the coins already in the box. Remember to write the number sentence each time. When you have added as many coins as you can, check the amount in the box by counting them. There should be as many pennies in the box as the total in your last number sentence.

Thursday – Find one less

Using your number cards 1-20, imagine that each number represents a dog biscuit for Lucy the dog. She absolutely loves dog biscuits but is only allowed to eat one at a time! She starts eating one dog biscuit at a time starting with the dog biscuit at the end of the number line, 20. This can be written as a number sentence:

$$20 - 1 = 19.$$

Lucy then eats the next dog biscuit (number 19). Can you write this as a number sentence?

$$19 - 1 = 18.$$

Continue working out how many dog biscuits are left, and recording these as number sentences until there are no more dog biscuits left.

If you are feeling confident, you could start with more than 20 biscuits and take away one biscuit each time.

Friday – How many on the bus?

Can you find twenty objects to help you count to represent people on the bus? Start with ten 'people' on the bus. The bus chugs along and arrives at its first stop.

Roll a dice. The number shown on the dice is the number of people who are going to get off the bus. For example, if two was thrown on the dice, two people are getting off the bus. Take two objects away and count how many are left. Record this is a number sentence:

$$10 - 2 = 8$$

Throw the dice again to see how many people get off the bus this time.

Record each number sentence and repeat until there are no more people left on the bus.

This time, start with twenty people on the bus. Throw the dice to see how many people get off the bus, recording the number sentences until there are no more people left on the bus.