HOME LEARNING WEEKLY MATHS TIMETABLE   PENGUIN CLASS   15th June 2020

	Monday	Tuesday	Wednesday	Thursday	Friday
See the poster on the next page to help you talk about calculating in everyday life.

Remember to watch Numberblocks on Cbeebies. | Repeating patterns
Choose 20 objects like Lego, building blocks, children's and adults socks and make a repeating pattern with them, e.g. red, blue, red blue or long, short, long, short. You could do a shape patterns or have 3 or 4 objects that make a repeating pattern. Ask your child to identify the pattern and say what will come next.

Remember a repeating pattern can go on and on forever.

Ask your child to make a different pattern and challenge you to identify it. You make a pattern with a mistake in it and ask your child to spot the mistake.

White Rose Day 1
https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/06/Day-1-Princess-Mirror-Belle.pdf | How many different ways can you make 10 or 20? Gather groups of objects from around the house and try to find as many different ways as you can to make 10. You could have a pile of books, some cars, some apples and some tins. If you've got 3 books how many more things can you add to make 10?

Can you record all the different ways you found to make 10?

How many ways are there to make 10 if you just use 2 different items, e.g. pasta and cereal. How can you work systematically from 0 to find all the pairs of numbers that make 10?

White Rose Day 2
https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/06/Day-2-Princess-Mirror-Belle.pdf | Wacky Races!
Use a piece of card or wood to make a ramp and cars or balls or rolled up newspaper balls see which one goes the furthest. Introduce the concept of ordinal numbers and talk about which ball comes first, second, third, fourth, fifth, sixth, seventh etc. Make a score card and record the score.

Can you change anything to create a different outcome, maybe change the height of the ramp, the texture of the ramp, the way you let go of the balls. What kind of effect do these changes have on the outcome?

Can you make up other races in your house or garden? Look on the school Website at the Get Set Tokyo page for some great race ideas.

 White Rose Day 3
https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/06/Day-3-Princess-Mirror-Belle.pdf | How Long?
Use toilet roll to measure different things in your house. How many pieces of toilet roll is your sofa, bed, you, your grown up, how long is your kitchen, bath? Make a record of what you measure by counting how many pieces of toilet paper long things are.

Grown-ups, you might need to model how to write the numbers.

Look at your record, what it the longest thing you measured, what is the shortest thing? How do you know?

Remember, when you are measuring you have to make sure you start at the very beginning of something and measure to the very end.

White Rose Day 4
https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/06/Day-4-Princess-Mirror-Belle.pdf | Doubles to 10 or 20
When you double something, you add the same again. Use your fingers to find all the doubles to double 10. Grown-ups, hold out one finger and ask your child to touch your finger, you've doubled the fingers, how many do you have now? Do the same until you are touching all 10 fingers.

Count all the fingers as you double them and record your doubling totals, 1+1=2, 2+2=4 etc.

You could draw a ladybird and put some spots on one side, can your child double the spots, how many are there?

Can you look for doubles all around you, e.g. how many sausages would you have if you doubled them?

 White Rose Day 5
https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/06/Day-5-Princess-Mirror-Belle.pdf |

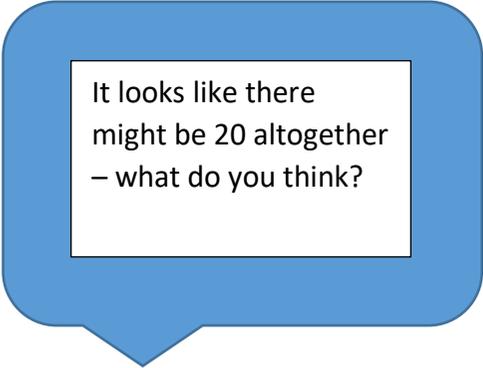**Open ended questions and enabling statements about calculating.**

During the day talk about what you are doing and see if you can include these questions and statements.
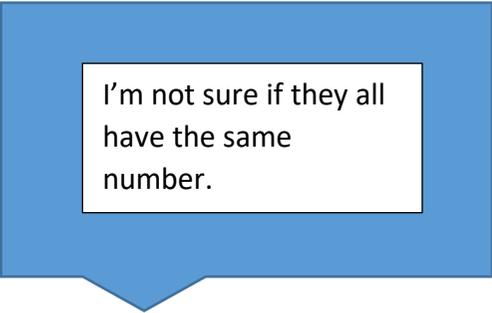
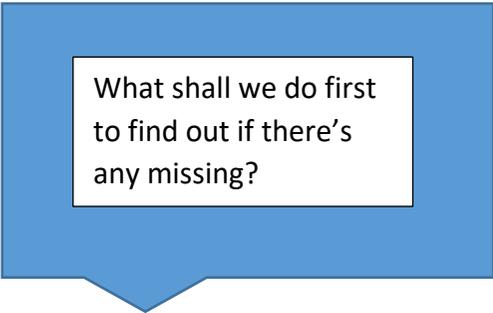How can we find out how many fingers we both have altogether?
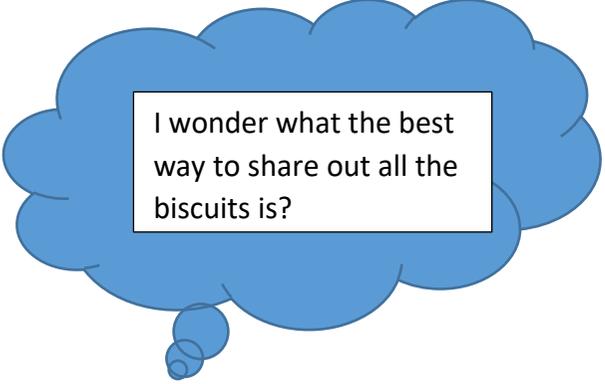
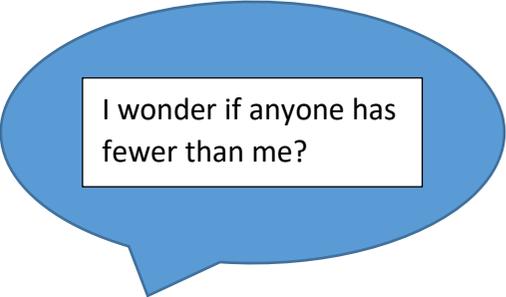I wonder what the best way to share out all the biscuits is?

It looks like there might be 20 altogether – what do you think?

I'm not sure if they all have the same number.

What shall we do first to find out if there's any missing?

I wonder if anyone has fewer than me?

How many more do we need?

Additional resources for you to explore

Help your child be epic at maths
Cbeebies for grown-ups
https://www.bbc.co.uk/cbeebies/grownups/help-your-child-with-maths

Numberblocks
Games, quizzes, songs and episodes.
https://www.bbc.co.uk/cbeebies/shows/numberblocks

Espresso
Covers all areas of maths with videos and activities. Click on Foundation then Maths. Please e mail penguins@becket.n-somerset.sch.uk for login details if you need them.
https://central.espresso.co.uk

Topmarks
Choose a category at the top of the page then select a game about that category from underneath.
https://www.topmarks.co.uk/maths-games/3-5-years/counting

Hit the Button
Number bonds up to 10. Click on number bonds then make up to 10. If your child is confident with this try doubles to 10 and halves to 10.
https://www.topmarks.co.uk/maths-games/hit-the-button

Mathematics Mastery – Counting within 20
3 weeks of daily activities with detailed explanations about the maths for the adults.
http://www.mathematicsmastery.org/wp-content/uploads/2020/03/Parent_Rec_W1-3-counting.pdf

Mathematics Mastery – Number bond within 20
3 weeks of daily activities with detailed explanations about the maths for the adults.
http://www.mathematicsmastery.org/wp-content/uploads/2020/03/Parent_Rec_W4-6-number-bonds.pdf

Mathematics Mastery – Depth of numbers within 20
3 weeks of daily activities with detailed explanations about the maths for the adults.
http://www.mathematicsmastery.org/wp-content/uploads/2020/03/Learner_Maths_R_W7-10.pdf