Our Lady of Lourdes RC Primary School
...let your light shine!

Mental Maths Planning – WB: 18.1.2021

Weekly Focus: Multiplication

	Activity
Monday	Starter: <u>https://www.topmarks.co.uk/times-tables/coconut-multiples</u> You can choose your tables and hit the multiples!
	Today we are going to extend our knowledge of factors by looking at common factors. A <b>common factor</b> is a factor that is shared by two or more numbers. So 5 is a common factor of 10 and 35 because $5 \times 2 = 10$ and $5 \times 7 = 35$ . 7 is NOT a common factor of 10 and 35 because you cannot multiply a number with 7 and get 10 as an answer (because you can do 7 x 5 it is still a factor of 35).
	https://vimeo.com/469693647 Have a go at the Fluency questions in the Home Learning area. Your date and LO is: 18.1.2021
	<u>L.O. Common factors</u> If you complete today's work, see if you can solve today's maths challenge!
Tuesday	Starter: https://www.topmarks.co.uk/times-tables/coconut-multiples We are going to continue looking at common factors today. Remember, a common factor is a factor that is shared by two or more numbers. If you would like a reminder of what common factors are and how to find them, please use the below clip! https://vimeo.com/469693647 Have a go at the reasoning and problem solving questions in the Home Learning area. Your date and LO is: <u>19.1.2021</u>

	L.O. Common factors
	If you complete today's work, see if you can solve today's maths challenge!
Wednesday	Starter: https://nrich.maths.org/factorsandmultiples Try to make the longest factor and multiple chain!
	We have learnt that a factor is a number that can be multiplied to make a certain number (e.g. 4 and 2 are
	factors of 8 because 2 x 4 = 8). A <b>prime number</b> is a number that only has two factors: 1 and the number you
	start with. So 7 is a prime number because it only has 2 factors – 1 and 7 – you cannot multiply any other
	numbers and get 7 as the answer. 8 is not a prime number because it has more than 2 factors (2 x 4, 1 x 8).
	https://vimeo.com/469694974
	Have a go at the Fluency questions in the Home Learning area.
	Your date and LO is:
	<u>20.1.2021</u>
	L.O. Prime Numbers
	If you complete today's work, see if you can solve today's maths challenge!
Thursday	Starter: <a href="https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Factor-Game/">https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Factor-Game/</a> beat the
	computer at finding factors!
	Today we are going to continue looking at prime numbers. Remember a prime number is a number that only
	has two factors: 1 and itself. 1 does not count as a prime number because it only has 1 factor (1). The majority
	of numbers have more than two factors and are known as composite numbers. If you would to recap
	yesterday's learning about prime numbers then please use the below clip
	https://vimeo.com/469694974
	Have a go at the reasoning and problem solving questions in the Home Learning area.
	Your date and LO is:
	<u>21.1.2021</u>
	L.O. Prime Numbers
	If you complete today's work, see if you can solve today's maths challenge!

Friday	Have a go at the arithmetic questions in the Home Learning area. The answers are going to be on the same page so you can self-mark your own work. Please let me know your score!
	Your date and LO is:
	22.1.2021
	L.O. Arithmetic

Remember to use Times Tables Rockstars everyday! <u>https://play.ttrockstars.com/</u>

