Mental Maths Planning – WB: 25.1.2021

Weekly Focus: Multiplication

	Activity
	Activity
Monday	Starter: https://www.topmarks.co.uk/maths-games/multiples-and-factors - Play the multiples game! Today we are going to be looking at square numbers. A square number the result of multiplying a number by itself. So, 25 is a square number because it is the result of 5 x 5. 16 is a square number because it is the result of 4 x 4. 10 is not a square number because it cannot be made by multiplying a number by itself. The notation to multiply a number by itself is ^{2}. So for example, 4^2 means 4x4 which is 16, so 4^2 = 16. https://vimeo.com/474984047 Have a go at the Fluency questions in the Home Learning area. Your date and LO is: 25.1.2021 L.O. Square numbers If you complete today's work, see if you can solve today's maths challenge!
Tuesday	Starter: https://www.topmarks.co.uk/maths-games/multiples-and-factors - Play the factors option! We are going to continue looking at square numbers today. Remember, a square number the result of multiplying a number by itself. So, 25 is a square number because it is the result of 5 x 5. 16 is a square number because it is the result of 4 x 4. 10 is not a square number because it cannot be made by multiplying a number by itself. If you would like a reminder of square numbers, please watch the below video. https://vimeo.com/474984047 Have a go at the reasoning and problem solving questions in the Home Learning area. Your date and LO is: 26.1.2021

	L.O. Square numbers If you complete today's work, see if you can solve today's maths challenge!
Wednesday	Starter: https://www.softschools.com/math/prime_numbers/prime_numbers_up_to_100/ Find the prime numbers! We have learnt that a square number is the result of a number multiplied by itself (2=1x1 , 4=2x2 etc.). A cube number is a number multiplied by itself multiplied by itself (so 2 x 2 x 2 = 8, 3 x 3 x 3 = 27). The way to calculate cube numbers is to do the first calculation then multiply your answer again. So for 2^3 I would do 2 x 2 which is 4, and then 4 x 2 which gives me 8. https://vimeo.com/474984384 Have a go at the Fluency questions in the Home Learning area. Your date and LO is: 27.1.2021 L.O. Cube Numbers If you complete today's work, see if you can solve today's maths challenge!
Thursday	Starter: https://www.softschools.com/math/prime_numbers/prime_numbers_up_to_100/ Find the prime numbers! We are going to continue looking at cube numbers today. A cube number is a number multiplied by itself multiplied by itself (so 2 x 2 x 2 = 8, 3 x 3 x 3 = 27). The way to calculate cube numbers is to do the first calculation then multiply your answer again. So for 2^3 I would do 2 x 2 which is 4, and then 4 x 2 which gives me 8. If you would like a reminder about cube numbers, then please watch the below clip. https://vimeo.com/474984384 Have a go at the reasoning and problem solving questions in the Home Learning area. Your date and LO is: 28.1.2021 L.O. Cube 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: <u>29.1.2021</u> <u>L.O. Arithmetic</u>

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