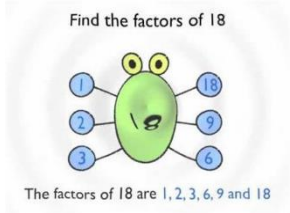


Maths outline plan for parents - Spring Term 1 2021



Year Group: 4 (Classes 4KL and 4KB)		Date: 4.1.21-8.1.21	Year group email address for questions and completed work: year4@eastbrook.w-sussex.sch.uk
Learning focus this week: Multiplication and division			
Mon	Learning objective:	Learning activities:	
	INSET DAY		
Tues	Learning objective:	Learning activities:	
	Find factors of a given number	<p>Factors are numbers that divide exactly into another number. For example, the factors of 8 are: 1, 2, 4, 8 Factors can be shown in pairs.</p> <p>Starter: Show 6, ask chn what numbers it can be divided by equally Show bug. Chn do examples Do 19, how many factors does it have?</p> <p>Task: Complete factor bug sheet</p> 	
Wed s	Learning objective	Learning activities:	
	Use factors to solve multiplications	Starter: Show chn mystery Matrix (NRich), chn need to complete grid.	

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		<p>Feedback what factor knowledge helped us to complete</p> <p>Show chn 1-50 grid Even number less than 50, next player must choose factor or multiple of that number. First person to be unable to make a move loses.</p> <p>Feedback on best tactics to win, e.g. after 1 has been used, choosing a large prime</p> <p>Task: Complete NRICH factor challenge https://nrich.maths.org/1070</p>
Thurs	Learning objective:	Learning activities:
	<p>TBAT multiply 3 single digit numbers</p>	<p>Starter: number 2019 – what could the question be? Show calculation $3 \times 8 \times 2$ What do we need to do? Introduce commutative law. Commutative law means that $2 \times 4 = 8$ is the same as $4 \times 2 = 8$</p> <p>Answer the multiplication questions named (Day 3_Multiplication Questions) Encourage children to think about which numbers to multiply first to help solve the question.</p> <p>E.g. $7 \times 2 \times 5 =$ Step one: $7 \times 5 = 35$ Step two: $35 \times 2 = 70$ This might be the most logical way for the children to solve as it is easier to multiply a bigger number by 2 rather than 7.</p> <p>Task: Complete multiplication questions</p>

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	Learning objective	Learning activities:
Fri	Recall 11 and 12 times tables	<p>Starter: Show hundred square, with 11 and 12 multiples. Can you spot any patterns between the eleven and twelve times tables? Why do you think this happens?</p> <p>How can we use our 6x knowledge to help us with 12x?</p> <p>Task: 11x and 12x questions and Sumdog challenges</p>