


All Saints Multi Academy Trust, Birmingham
Home Learning

<p style="text-align: center;">Year 3 Maths Week 6</p> <p style="text-align: center;">Deriving multiplication and division facts</p> <p>45 – 60 minutes daily</p> <p>https://classroom.thenational.academy/units/deriving-multiplication-and-division-facts-1216</p> <p>All maths work should be completed in their pupil work book or a piece of paper. Worksheets are numbered by day and are available online or for collection from the school office. Work can be photographed and emailed for weekly feedback.</p> 		Monday	Tuesday	Wednesday	Thursday	Friday
		Learning Objective	Lesson 1 <u>LO: To look at multiplication strategies and the effect on the product.</u>	Lesson 2 <u>LO: To multiply numbers by 10 and 100</u>	Lesson 3 <u>LO: To understand the links between place value and multiplication.</u>	Lesson 4 <u>LO: To divide by 10 using place value.</u>
Lesson Link	https://classroom.thenational.academy/lessons/looking-at-multiplication-strategies-and-the-effect-on-the-product-cgup6c	https://classroom.thenational.academy/lessons/multiplying-numbers-by-10-and-100-6tgpac	https://classroom.thenational.academy/lessons/linking-place-value-and-multiplication-c4vpct	https://classroom.thenational.academy/lessons/dividing-by-10-using-place-value-c8tpad	https://classroom.thenational.academy/lessons/multiplying-and-dividing-by-100-71k66e	
Lesson outline	In this lesson you will explore whether the product changes if different multiplication strategies are used.	In this lesson you will learn to multiply numbers by 10 and 100.	In this lesson you will learn about the special link between the place value columns.	In this lesson you will learn how to divide by 10 using your understanding of place value.	In this lesson you will learn how to multiply and divide whole numbers by 100.	
Extra Notes	You will need small objects for counters. Look at multiplication number stories before completing the talk task. Match the calculation to the correct word problem. Look out for key words to help you. Complete the exit quiz.	Complete the Intro Quiz. Look at the big picture to see what maths you can find. Use our place value knowledge to multiply by 10. Try to figure out the secret to multiplying by 10 and 100. Complete the exit quiz.	Complete the Intro Quiz. Play beat the teacher game before continuing to find the secret when using place value. Drawing the place value chart will help you with the calculations. Complete the exit quiz.	Don't forget to complete the Intro Quiz! Play the game alongside the video. If you want to play with your family members you will need a dice. Think about 'If I know... then I know...' to help you complete the calculations. Complete the exit quiz	Complete the Intro Quiz Practise counting in your hundreds. Look at the multiples of 100 and sort them in to the table. Use the sentence stems to answer the calculation in a full sentence...just like we do in school Complete the exit quiz	

Week beginning Monday 8th February 2021