St Francis Primary School

Multiply and Divide - Online Learning

What I am Learning	Game Link	Guidance
(A) I can apply my knowledge and understanding of times tables to make calculations easier.	(1) Hit The Button (2) Dividing Mental Maths Train (3) Number Fact Families (4) Multiplication Square Multiplication answers (5) Multiplication Square Division Answers	(1) Select the Tables Up to 12 tabs then the X 12 button. Then the button with the correct answer. (2) Select the ÷ carriage then look in the Mixed Tables section. Select the Up to ÷ 12 option then play. (3) Select the X and ÷ tab and play both the 2 to 12 Times Tables options. Add the tiles to the correct boxes to complete all four. number sentences. (inverse) (4) Select the Multiply option and then Level 3. Answer the questions to fill the square. (5) Select the Divide option and then Level 3. Answer the questions to fill the square.
(B) I can apply a variety of strategies to solve a multiplication or division problem inc. number sentences.	(1) Tommy's Trek (2) Part Part Whole Guide (3) Drop and Drag Multiplication (4) Drop and Drag Division (5) BBC Dividing with remainders lesson	(1) Read the option of How to Pay then select Start Game. Select 12 times table and then click Okay. Select the Hard level to play. (2) Quick guide of how PPW can be used with multiplying and dividing. (3) Click play, multiplication and then 20 sums. You will see two lines of 1-2-3-4. Click on the 2 on the bottom line then press next. Use the numbers at the side of the page to drop and drag into the sum. (4) Click play, division and then 20 sums. You will see a 1-2-3-4 and then another 1-2-3-4 in a line. Click the 1 on the first set so the sum above it shows 1/1234. Click yes to the options for remainders. Use the numbers at the side of the screen to drop and drag into the answer section. (5) Watch the clip, read the explanations and do the quiz at the end to test your understanding.
(C) I can use arrays to help me solve multiplication and division problems.	(1) Composite Multiplication Guide (2) Dividing with a remainder using an array (3) All the Digits (4) Multiplies Grid	(1) Read over the sheet and examples to understand how to use the grid method for multiplication. (2) Watch the video to remember how to divide with a remainder using an array. (3) Read through the problem and work out the answers. It may take a few tries. (4) Read through the problems and try and find the rules for each square.

(D) I can apply my knowledge of place value to multiply and divide fractions /decimals.	(1) [Divide Decimals Game](#) (2) [Guardians Game](#) (3) [Guide to Short Division with Decimals](#)	(1) Work out the answers and click the correct fish, (2) Select your character, play the Training Arena then play Dark Tower of Division. (3) Watch the clip and remember how to divide decimals by whole numbers.
(E) I can multiply and divide by 0, 1, 10, 100 and 1000.	(1) [BBC Lesson on Short Division](#) (2) [Divide Decimals by 10 Game](#) (3) [Multiplication and Division Bingo](#)	(1) Watch the clip to understand how to use short division with both remainders and rounding. (2) Follow the instructions and play the game. (3) Select the Times and Divide by 10 and 100 (decimals) game then play.