



Multiply and Divide- Online Learning

What I am Learning	Game Link	Guidance
(A) I can understand that \times and \div are equal groups added or subtracted repeatedly.	(1) BBC Repeated Addition lesson (2) BBC Repeated Subtraction Lesson (3) Doggy Division (4) Interactive Guide to equal groupings	(1) Watch the clip, read the passage then complete the activity. (2) Watch the clip, read the passage then complete the activity. (3) Use sharing to divide up the bones for the dog. (4) Read through the guide and use your mouse to reveal the answers to check you are correct.
(B) I can understand and apply arrays to investigate multiplication.	(1) Array Multiplication (2) Array Multiplication Video (3) BBC Array Multiplication Lesson (4) BBC Array Division Lesson (5) Make your own Array	(1) Read over the sheet and examples to understand how to use arrays for multiplication. (2) Watch this video to understand how to multiply with an array. (3) Watch the clip, read the passage and complete the quiz. (4) Watch the clip, read the passage and complete the quiz. (5) Follow the instructions on the introduction and use the site to help you build arrays to solve problems.
(C) I can apply a variety of strategies for multiplication and division.	(1) Dividing with a remainder using an array (2) Composite Multiplication Guide (3) Tommy's Trek (4) Doggy Division	(1) Watch the video to understand using an array to divide with remainders. (2) Read the sheet and examples to understand composite multiplication. (3) Read how to play then start the game. Select the 2, 3, 4-, 5-, 6- and 10-times tables then press OK. Select either easy, normal or hard then then play. (4) Share the bones out between the dog bowls.
(D) I can understand the links between the tables and their inverse relationship.	(1) Number Fact Families (2) Mental Maths Train - Multiply and Divide game (3) Times Tables Relationship Guide (4) Hit the Button Doubles (5) Hit the Button Halves (6) Hit the Button Times Tables (7) BBC Double and Halving lesson (8) BBC Halving and Division Lesson	(1) Select the purple \times and \div tab and then the 2 to 5 Times Tables. Add the number tile to the correct box to answer all four sentences. (2) Multiplication – Select \times and then mixed tables \times 2, 3, 4, 5, 8 and 10. Division - Select \div and then mixed tables \div 2, 3, 4, 5, 8 and 10 (3) Printable 13 page pdf guide that explains all about times tables and the relationship between them. (4) Select the Doubles option. Click on the Doubles to 50 button (other options available for differentiation). (5) Select the Halves option. Click on the Halves to 50 button (other options are available for differentiation). (6) Select the Times Tables option. Click on Tables up to 10 tab then select the mixed tables button (other options are available for differentiation). (7) Watch the clip, read the passage then complete the quiz. (8) Watch the clip, read the passage then complete the quiz.
(E) I can multiply and divide	(1) Tommy's Trek (2) Times Tables Relationship Guide	(1) Read the how to play section. Press start and select the 10 times table. Select either easy, normal or hard levels and play.

by 10, 100 and 1000.	(3) Mental Maths Train - Multiply and Divide games (4) Chopper Squad	(2) Printable 13 page pdf guide that explains all about times tables and the relationship between them. (3) Play both the X and \div carriages. Select the X 10 or \div 10 options. (4) Select the Mixed 1 to 100 and play.
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