KIRF: I know the 10 times table (x and ÷)

The ten times table is a key skill for KS1 learners. They should already be able to count forward and backwards in 10's, now they need to apply that be able to multiplication facts. They should be able to answer these questions in any order, including missing number questions, e.g. _ x 10 = 80.

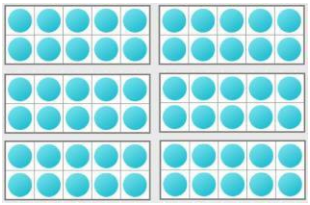
Year Two – Spring 2

What can this look like?

Concrete:



Pictorial:



Abstract

6 **multiplied** by 10 = 60

6 x 10 = 60 60 = 10 x 6

60 **divided** by 10 = 6

60 ÷ 10 = 6

Questions to ask at home

What is 10 **multiplied** by 8?
What is 10 **times** 3?
What is 100 **divided** by 10?
How many **groups of** 10 can you make from 20 objects?

Key vocabulary

Multiply- Adding equal groups a certain number of times, e.g. 5 x 4 = 5+5+5+5 = 20.
Can also be referred to as **groups of** or **lots of**.
Divide- Sharing or grouping numbers/objects into equal groups, e.g. 10 ÷ 5 = 2.

Things to try

Beat the clock- You have 10 seconds to answers as many questions as you can. Each correct answer will earn you one second of extra time. The game ends when the time runs out or an incorrect answer is given.

Multiplication race– Write the answers to the 10 times table (10, 20, 30 etc.) n large pieces of card. Shout out a random 10 times table question and race your child to the right answer.

10p challenge– Gather some 10p coins, how many pence is there in total? What would this be as a multiplication sum? Change the number of coins and repeat.

When your child feels confident recalling their 10 times table, these nrich resources will help to challenge and develop their thinking: (use 10 as the even number to begin with) https://nrich.maths.org/8062 https://nrich.maths.org/14242/note

Active Learn: Sea-Snack Smash https://www.activelearnprimary.co.uk/resource/1100466
Pesky Pets https://www.activelearnprimary.co.uk/resource/1100592

Websites: White Rose video: Spr2.2.5 - 10 times-table on Vimeo
Whack A Mole || Counting in steps of 1, 2, 3
Duck Shoot - tablet friendly (ictgames.com)
https://www.topmarks.co.uk/maths-games/mental-maths-train