

Monday Maths

Example for Task One- Patterns in the 11x table

Can I explore the 11x tables?

$11 \times 0 = 0$	
$11 \times 1 = 11$	(2)
$11 \times 2 = 22$	(4)
$11 \times 3 = 33$	(6)
$11 \times 4 = 44$	(8)
$11 \times 5 = 55$	(10)
$11 \times 6 = 66$	(12)
$11 \times 7 = 77$	(14)
$11 \times 8 = 88$	(16)
$11 \times 9 = 99$	(18)
$11 \times 10 = 110$	(2)
$11 \times 11 = 121$	(4)
$11 \times 12 = 132$	(6)

If you add the digits in the answer they go up in twos but when it gets to 10 the pattern starts again. The digits go in the 2x tables.

Double the multiplier to get the answer up until 9×11

10's and 1's column it increases by 1 each time.

$2,442 \div 11 = 222$

Take any number reverse it to make a number divide it by 11 you will find it is always in the 11x tables.

The answer go up in odd, even and so on.