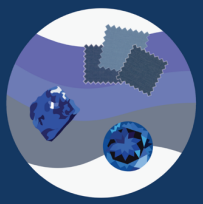

Whitehill
Primary School & Nursery

Summer 1

Learning Focus: To know multiplication and division facts for the 11 and 12 times table

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

Representations

Count in 11s
0
11
22
33
44
55
66
77
88
99
110
121
132

0 x 11 = 0	11 ÷ 11 = 1
1 x 11 = 11	22 ÷ 11 = 2
2 x 11 = 22	33 ÷ 11 = 3
3 x 11 = 33	44 ÷ 11 = 4
4 x 11 = 44	55 ÷ 11 = 5
5 x 11 = 55	66 ÷ 11 = 6
6 x 11 = 66	77 ÷ 11 = 7
7 x 11 = 77	88 ÷ 11 = 8
8 x 11 = 88	99 ÷ 11 = 9
9 x 11 = 99	110÷ 11 =10
10 x 11 = 110	121 ÷ 11 = 11
11 x 11 = 121	132 ÷ 11 = 12
12 x 11 = 132	

Count in 12s
0
12
24
36
48
60
72
84
96
108
120
132
144

0 x 12 = 0	12 ÷ 12 = 1
1 x 12 = 12	24 ÷ 12 = 2
2 x 12 = 24	36 ÷ 12 = 3
3 x 12 = 36	48 ÷ 12 = 4
4 x 12 = 48	60 ÷ 12 = 5
5 x 12 = 60	72 ÷ 12 = 6
6 x 12 = 72	84 ÷ 12 = 7
7 x 12 = 84	96 ÷ 12 = 8
8 x 12 = 96	108 ÷ 12 = 9
9 x 12 = 108	120÷ 12 =10
10 x 12 = 120	132 ÷ 12 = 11
11 x 12 = 132	144 ÷ 12 = 12
12 x 12 = 144	

Key Vocabulary

- Multiply
- Times
- Division
- Divide
- Total
- Shared
- Divided by
- Groups of
- Lots of
- Equal

Getting Started

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Suggested Activities

- **Songs -** Counting by 11s Song, 11 Times Table Song *(Cover of I gotta feeling!)*, Counting by 12s and 12 Times Table Song *(Cover of About Damn Time!)*
- **Flashcards -** Multiples of 11, Multiples of 12, Dividing by 11 and Dividing by 12
- Create and play a board game linked to the 11 times tables.
- **Buy one get three free -** If your child knows one fact (e.g. 12 × 11 = 132), can they tell you the other three facts in the same fact family? E.g. 11 x 12 = 132 or 132 ÷ 11 = 12 or 132 ÷ 12 = 11.
- **Use your ten times table -** Multiply a number by 10 and subtract the original number (e.g. 11 ×10 = 110 –11 = 99).

Useful Websites

- Games: Hit the Button
- TopMarks: Daily 10
- SnappyMaths: 11x table
- SnappyMaths: 12x table