



Multiplication Progression Poster

2016



Suggested language:

Foundation

Lots of, groups, times, altogether

Key Stage One

Double, count on, repeat, multiply.

Lower Key Stage Two

multiplication, product, multiple.

Upper Key Stage Two

Square, product, factor.



They will work on practical problem solving activities involving equal sets or groups.

Foundation Stage

They will count in different ways.

Double objects.



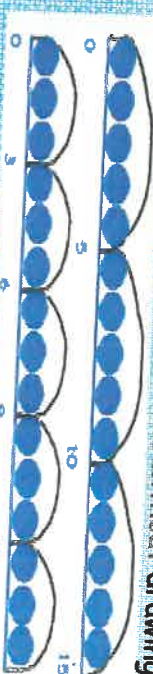
Year One

- Double single-digit numbers
- Count on in steps (2s, 5s, 10s)
- Record as repeated addition and an array



Year Two

- Recall and use multiplication and division facts for the 2, 5 and 10
- Use commutativity - 5x3 same as 3x5
- Double two-digit numbers
- Move swiftly onto a number line without drawings



Year Three

- Recall 3, 4 and 8 times tables facts
- Multiply 2 digit by 1 digit progressing from mental to formal written methods

X		8
20		160
3		24

Year Four

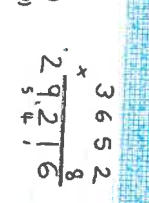
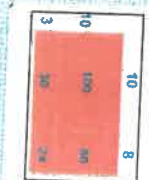
- Recall 12 x 12 times tables facts
- Multiply 2 digit by 1 digit and 3 digit by 1 digit using formal written methods

X		4
300		1200
20		80
7		28

327
X 4
12
1308

Year Five and Six

- Multiply up to 4 digit number by 1 digit or 2 digits using formal written methods, including long multiplication for 2 digit numbers



Year Five and Six decimals

- Multiply multi digit numbers up to 4 digits by 2 digit number using long multiplication.
- Multiply one digit numbers with up to 2.d.p by whole numbers.

$$\begin{array}{r} 3.19 \\ \times 0.08 \\ \hline 17 \\ 25.52 \end{array}$$