## Progression in Calculations. Y3

## Multiplication.

## Year 3

Multiplying 2-digits by 1 -digit (1)
Children use their understanding of repeated addition to represent a two-digit number multiplied by a one-digit number with concrete manipulatives. They use the formal method of column multiplication alongside the concrete representation. They also apply their understanding of partitioning to represent and solve calculations. In this step, children explore multiplication with no exchange.

Multiplying 2-digits by 1 -digit (1)
Children continue to use their understanding of repeated addition to represent a two-digit number multiplied by a one-digit number with concrete manipulatives.
They move on to explore multiplication with exchange. Each question in this step builds in difficulty.

Annie uses place value counters to work out $34 \times 2$


Use Annie's method to solve: $23 \times 3$
$32 \times 3$
$42 \times 2$

Jack uses Base 10 to calculate $24 \times 4$


Amir uses place value counters to calculate $16 \times 4$



Use Amir's method to solve:
$16 \times 6$
$17 \times 5$
$28 \times 3$

Progression in Calculations. Y3
Multiplication.


