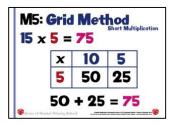
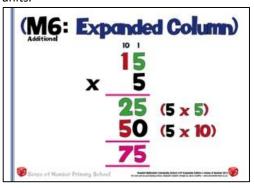
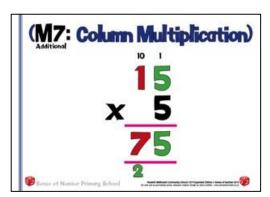
Multiplication

The grid method is used as it helps the children to visualise and understand the calculation better.



The expanded method partitions the tens and units.

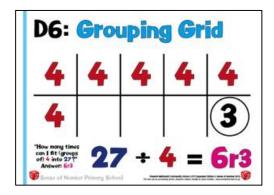




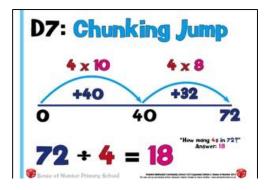
Carry below the line

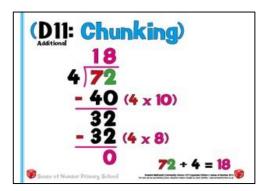
Division

Continue to give children practical images for division by grouping.



Using the number line to jump in 'chunks'.







YEAR 3 WRITTEN METHODS IN MATHS

A guide for Parents/Carers



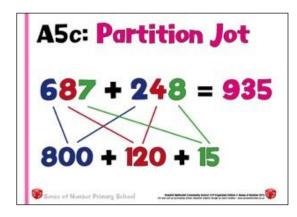
Year 3 expectations

Compare & order numbers up to 1000.

- Read & write all numbers to 1000 in digits and words.
- Find 10 or 100 more/less than a given number.
- Count from 0 in multiples of 4, 8, 50 and 100.
- Recall & use multiplication & division facts for 3, 4, 8 tables.
- Recognise place value of any 3-digit number.
- Add and subtract:
 - > 3-digit numbers and ones
 - > 3-digit numbers and tens
 - > 3-digit numbers and hundreds
- Add and subtract:
 - Numbers with up to 3-digits using written columnar method.
- Estimate and use inverse to check.
- Multiply:
 - 2-digit by 1-digit
- Count up/down in tenths.
- Compare and order fractions with same denominator.
- Add and subtract fractions with same denominator with whole.
- Tell time using 12 and 24 hour clocks and using Roman numerals.
- Tell time to nearest minute.
- Know number of days in each month and number of seconds in a minute.

Addition

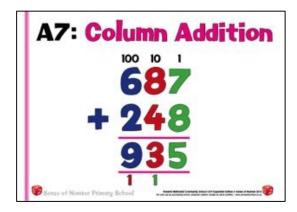
Ensure that mental strategies are embedded first.



Move onto written methods

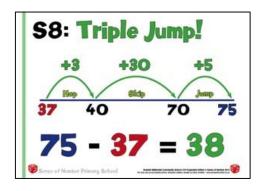


'Carry' tens and hundreds

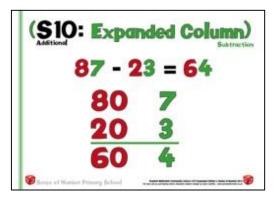


Subtraction

Mental strategies



Expanded column



Subtraction

