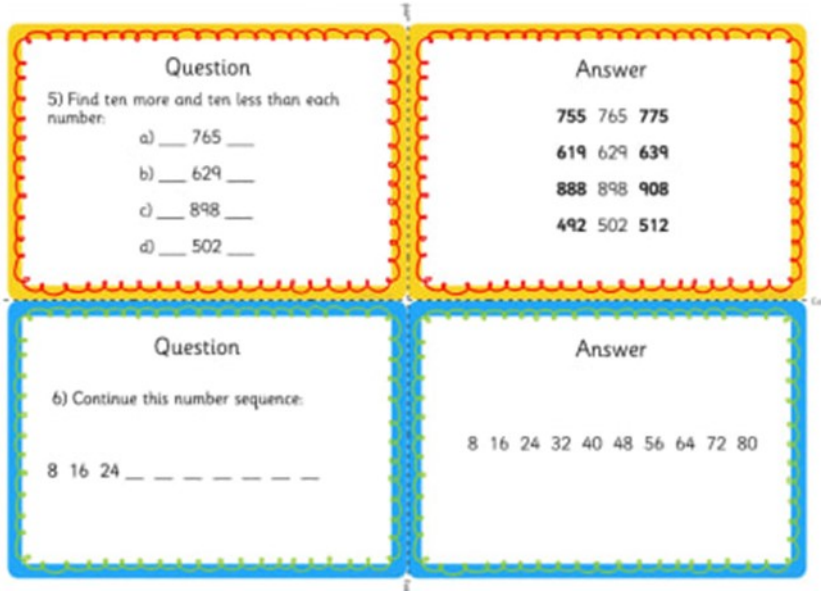
Mossfield Primary School Knowledge Organiser

Year 3 - Mathematics **Number**

Key Learning

Number and Place Value

- Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
- Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s)
- Compare and order numbers up to 1,000
- Identify, represent and estimate numbers using different representations
- Read and write numbers up to 1,000 in numerals and in words
- Solve number problems and practical problems involving these ideas



Fractions

- Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
- Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
- Recognise and show, using diagrams, equivalent fractions with small denominators
- Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]
- Compare and order unit fractions, and fractions with the same denominators
- Solve problems that involve all of the above