

# Autumn Term Maths Curriculum

## Year 5

### Place Value

Roman numerals to 1,000  
Numbers to 10,000  
Numbers to 100,000  
Numbers to 1,000,000  
Read and write numbers to 1,000,000  
Powers of 10  
10/100/1,000/10,000/100,000 more or less  
Partition numbers to 1,000,000 Step 8 Partition numbers to 1,000,000 Step 9 Number line to 1,000,000  
Compare and order numbers to 100,000  
Compare and order numbers to 1,000,000  
Round to the nearest 10, 100 or 1,000  
Round within 100,000  
Round within 1,000,000

### Addition and Subtraction

Mental strategies  
Add whole numbers with more than four digits  
Subtract whole numbers with more than four digits  
Round to check answers  
Inverse operations (addition and subtraction)  
Multi-step addition and subtraction problems  
Compare calculations  
Find missing numbers

### Multiplication and Division A

Multiples  
Common multiples  
Factors  
Common factors  
Prime numbers  
Square numbers  
Cube numbers  
Multiply by 10, 100 and 1,000  
Divide by 10, 100 and 1,000  
Multiples of 10, 100 and 1,000

### Fractions A

Find fractions equivalent to a unit fraction  
Find fractions equivalent to a non-unit fraction  
Recognise equivalent fractions  
Convert improper fractions to mixed numbers  
Convert mixed numbers to improper fractions Step 6 Compare fractions less than 1 Step 7 Order fractions less than 1 Step 8 Compare and order fractions greater than 1  
Add and subtract fractions with the same denominator  
Add fractions within 1  
Add fractions with total greater than 1 Step 12 Add to a mixed number  
Add two mixed numbers Step 14 Subtract fractions  
Subtract from a mixed number  
Subtract from a mixed number – breaking the whole  
Subtract two mixed numbers