

## Year 6 Autumn Term

### Week 1 to 2

Number

**Place value**

- Step 1** Numbers to 1,000,000
- Step 2** Numbers to 10,000,000
- Step 3** Read and write numbers to 10,000,000
- Step 4** Powers of 10
- Step 5** Number line to 10,000,000
- Step 6** Compare and order any integers
- Step 7** Round any integer
- Step 8** Negative numbers

### Week 3 to 7

Number

**Four operations**

- Step 1** Add and subtract integers
- Step 2** Common factors
- Step 3** Common multiples
- Step 4** Rules of divisibility
- Step 5** Primes to 100
- Step 6** Square and cube numbers
- Step 7** Multiply up to a 4-digit number by a 2-digit number
- Step 8** Solve problems with multiplication
- Step 9** Short division
- Step 10** Division using factors
- Step 11** Introduction to long division
- Step 12** Long division with remainders
- Step 13** Solve problems with division
- Step 14** Solve multi-step problems
- Step 15** Order of operations
- Step 16** Mental calculations and estimation
- Step 17** Reason from known facts

### Week 8 to 9

Number

**Fractions A**

- Step 1** Equivalent fractions and simplifying
- Step 2** Equivalent fractions on a number line
- Step 3** Compare and order (denominator)
- Step 4** Compare and order (numerator)
- Step 5** Add and subtract simple fractions
- Step 6** Add and subtract any two fractions
- Step 7** Add mixed numbers
- Step 8** Subtract mixed numbers
- Step 9** Multi-step problems

### Week 10 to 11

Number

**Fractions B**

- Step 1** Multiply fractions by integers
- Step 2** Multiply fractions by fractions
- Step 3** Divide a fraction by an integer
- Step 4** Divide any fraction by an integer
- Step 5** Mixed questions with fractions
- Step 6** Fraction of an amount
- Step 7** Fraction of an amount- find the whole

### Week 12

Measurement

**Converting units**

- Step 1** Metric measures
- Step 2** Convert metric measures
- Step 3** Calculate with metric measures
- Step 4** Miles and kilometres
- Step 5** Imperial measures