



Year 7

Unit 2

21 Lessons

Aims:

To consolidate and develop pupils understanding of square number, multiples and factors. To develop understanding of using fractions and percentages.

Key Skills

Worded questions and identifying types of number from a written scenario. Using and applying fractions and percentages to assess change or difference.

- **Excellence** - Convert between complex fractions and percentages. Add and subtract fractions with whole numbers included.
- **Secure** - Highest common factor and Lowest common multiple worded questions. Use of Venn diagrams to sort numbers.
- **Developing** - Can find area of simple shapes, developing to find volumes of cuboids.
- **Emerging** - Can order fractions and find simple percentages of an amount.

Literacy Links:

Key words:
Percentage, Fraction,
Numerator, Denominator,
factor and multiple.

Numeracy Links:

Embedded throughout.

Assessment

Pre-test at the beginning of the unit to establish prior learning, post-test at the end of the unit to determine progress.

Cross-Curricular Links

Using percentages to compare and contrast data in Science, Geography, History.

SMSC opportunities and British values

Understanding prices when shopping, how to get the best deal. Comparing “best buy” and two for one type deals.

Opportunities for further learning

Mymaths sections on Fractions and Percentages within the NUMBER category and Area and perimeter within the GEOMETRY category.