

Dimension: Number

Focus: Multiplication and Division

Length of Unit: 16 lessons (Approximate)

Victorian Curriculum Standard/s:

Level 2:

- Recognise and represent multiplication as repeated addition, groups and arrays
- Recognise and represent division as grouping into equal sets and solve simple problems using these representations

Level 3:

- Recall multiplication facts of two, three, five and ten and related division facts
- Represent and solve problems involving multiplication using efficient mental and written strategies and appropriate digital technologies

Level 4:

- Investigate number sequences involving multiples of 3, 4, 6, 7, 8, and 9
- Recall multiplication facts up to 10×10 and related division facts
- Develop efficient mental and written strategies and use appropriate digital technologies for multiplication and for division where there is no remainder

Level 5:

- Identify and describe factors and multiples of whole numbers and use them to solve problems
- Use estimation and rounding to check the reasonableness of answers to calculations
- Solve problems involving multiplication of large numbers by one- or two-digit numbers using efficient mental, written strategies and appropriate digital technologies
- Solve problems involving division by a one digit number, including those that result in a remainder
- Use efficient mental and written strategies and apply appropriate digital technologies to solve problems

Vocabulary Development:

Groups of, multiplication, partition, quotation, remainder, division, sharing, expanded method, skip counting, repeated addition, equal groups, turn-around, fact families, prime numbers