

# Lesson Plan

Year 6

## Trundle Wheel and Counter Set

Year 6: Investigating Complex Perimeters

### Curriculum Links:

- + **AC9M6M01:** Solve problems involving the comparison of lengths and areas using appropriate units.
- + **AC9M6M03:** Investigate, with and without digital technologies, the area of composite shapes by solving problems involving the area of rectangles and triangles.

### Lesson Objectives:

- + Measure and compare lengths and areas of various shapes.
- + Solve real-world problems involving area and perimeter.

### Lesson Activities:

- + **Composite Shape Measurement:** Students measure and calculate the area and perimeter of composite shapes found in the school environment, such as L-shaped gardens or irregularly shaped rooms.
- + **Real-Life Application:** Plan a community garden, determining the amount of fencing required (perimeter) and soil needed (area) based on their measurements.

- + **Technology Integration:** Use digital tools to create scale drawings of measured areas, reinforcing the connection between physical measurement and digital representation.

### Assessment:

- + Accuracy in measuring and calculating area and perimeter.

