

Lesson Plan

Year 5

Trundle Wheel and Counter Set

Year 5: Exploring Measurement Precision

Curriculum Links:

- + **AC9M5M01:** Choose appropriate units of measurement for length, area, volume, capacity and mass.
- + **AC9M5M02:** Calculate the perimeter and area of rectangles and the volume of rectangular prisms using familiar metric units.

Lesson Objectives:

- + Select and use appropriate units and instruments for measuring length.
- + Understand the relationship between different units of measurement.

Lesson Activities:

- + **Unit Selection Discussion:** Discuss scenarios to determine the most appropriate unit of measurement (e.g millimetres, centimetres, metres) and justify choices.
- + **Measurement Relay:** In groups, students measure various distances quickly and accurately, promoting teamwork and precision.
- + **Volume Estimation:** Measure the dimensions of rectangular objects and calculate their volume, discussing the importance of accurate length measurement in volume calculations.

Assessment:

- + Participation in discussions and activities.
- + Accuracy in measurement tasks and unit conversions.

Differentiation:

- + **Support:** Use visual aids to reinforce unit conversion concepts.
- + **Extension:** Explore the concept of measurement error and its impact on calculations.

