

Engineering

Place value chart

Purpose

The place value chart is designed to make the workings of the number system evident to learners. It can be used in a multitude of ways, including demonstrating addition, subtraction, multiplication and division, and the relationships between the units of the metric measurement system and the place value system.

Instructions

Below are two of our resources which describe detailed teaching and learning sequences in the context of the metric system.

- [Engineering: Developing an understanding of the metric system](#)
- [Engineering: Using a measuring tape](#)

Many tutors have had excellent results by including the chart in their daily numeracy activities with learners. Rather than writing numbers without the chart, tutors write all numbers into the chart. This has the effect of providing learners with a framework that helps them manipulate numbers.

Place Value Chart

Thousands	Hundreds	Tens	Units	Tenths	Hundredths	Thousandths
				•		
				•		
				•		
				•		
				•		
				•		
				•		
				•		
				•		