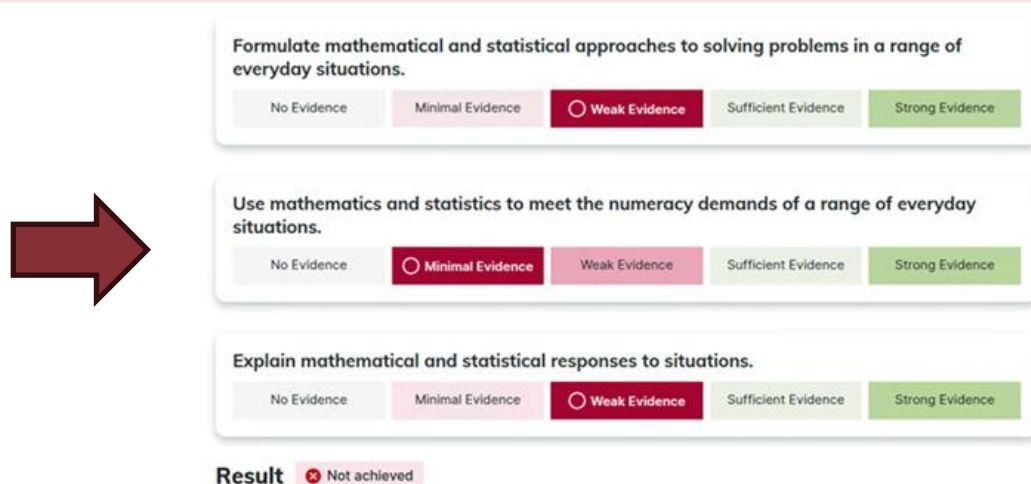


Unpacking Co-requisite Outcomes: Numeracy Outcome 2

Numeracy: 32406, Apply mathematics and statistics in a range of everyday situations



Numeracy Outcome 2:

Use mathematics and statistics to meet the numeracy demands of a range of everyday situations.

This means that learners:

- apply mathematical and/or statistical concepts.
- use appropriate mathematical/statistical approaches, which may include digital calculations.
- use a degree of precision appropriate to the situation (including estimation).

Taken from [Numeracy Learning Matrix](#)

This resource should be read in conjunction with:

- [US32406 - Apply mathematics and statistics in a range of everyday situations](#)
- [Unpacking Numeracy](#)
- [NCEA Co-Requisite Learning Outcomes for Numeracy](#)

Examples of teaching strategies to support learning for Numeracy Outcome 2:

- Practice recognising the operation/s required to solve a problem that typically involves whole numbers to billions, decimals to 3 places, fractions, percentages, integers (addition and subtraction only), powers with whole number exponents, and simple rates and ratios. Estimate or calculate, with support of a calculator, an answer to the given problem.
 - [Ratio practice examples](#)
 - [Estimating and rounding based on world's population](#)
 - [Sorted in Schools](#)
- Practice matching 2-dimensional representations of 3-dimensional objects, identify the symmetries of a figure, and recognise the transformations applied to an element to create a design.
 - [NZAMT Numeracy Questions 2023](#)
- Practice calculating with metric measurements to solve problems involving length, area (including surface area), volume, capacity, weight, angle, temperature, time, and simple rates.
 - [Assessment Resource Banks](#)
 - [Maths Week](#)
- Explicitly teach how to estimate or calculate the probability of an event given all possible outcomes, or from observational data.
 - [Litter Intelligence Resource Pack](#)
 - [Census At School](#)

For more numeracy strategies search [Numeracy Resource Bank](#)