



## Information Guide for Whānau: CAA Numeracy

The **Common Assessment Activity (CAA)** for Numeracy checks that students can confidently use mathematics in real-life situations. Numeracy is about confidence with numbers in everyday life. Encouragement, practice, and conversations about how maths connects to the real world will help your child succeed in their Numeracy CAA.

Below is what's in the assessment and how whānau can support learning at home.

### Numeracy (US32406) What's in the Assessment?

Students need to show they can:

- **Solve problems** - flexibly using numbers, fractions, decimals, percentages, and ratios.
- **Choose the right calculation method** - mental, written or calculator.
- **Work with large numbers** - up to billions, fractions, and decimals.
- **Understand measurement and precision** - e.g., when to round or use exact values.
- **Use Statistics**, including calculating averages and interpreting graphs.
- **Work with special properties** - e.g., symmetry and visual orientation.
- **Recognise and use relationships** - shown in tables, graphs, or written in words.
- **Describe location** - using maps, scales, and compass directions.

### How Whānau Can Help?

#### 1. Talk about numbers in daily life

- When shopping, ask your child to compare prices, work out discounts, or estimate the total cost.
- In cooking, get them to adjust recipes (e.g., "If the recipe is for 4 people, how much do we need for 6?").
- Talk about interest, savings, or bills when budgeting together.

#### 2. Encourage reasoning

- Instead of just asking for the answer, say: "*How do you know?*" or "*Can you explain your thinking?*"
- Praise the process of working it out, not just getting it right.

#### 3. Practise estimating

- Ask questions like: "*How many minutes until the bus arrives?*" or "*Roughly how many people are in this shop?*"
- Estimation builds number sense and helps check if an answer is sensible.

#### 4. Play games that use numbers and strategy

- Board games (e.g., Monopoly), card games, sudoku, or online maths puzzles.
- These encourage quick thinking, problem solving, and confidence with numbers.

#### 5. Explore statistics in everyday life

- Look at graphs or tables in newspapers, sports results, or weather charts.
- Ask your child: "*What does this graph tell us?*" or "*Which team has the best average score?*"

#### 6. Use maps and directions

- Get your child to read maps when driving or walking.
- Ask them to calculate distances or give directions using compass points (north, south, east, west).

#### 7. Encourage checking and accuracy

- Ask: "*Does that answer make sense?*"
- Remind them to think about whether to round numbers or use exact values.