**TECs LNAAT numeracy assessment - FAQs**

**Q. Why is this assessment required?**

**A.** The Teaching Council believes that by strengthening mathematics/numeracy entry requirements for primary Initial Teacher Education (ITE) programmes, they can contribute to lifting the mathematics capability of primary teachers and support student achievement.

From 2025, the Teaching Council has determined that the TEC numeracy assessment (Literacy and Numeracy for Adults Assessment Tool – LNAAT) is a requirement for all student teachers in English medium primary ITE programmes across all ITE providers in New Zealand.

**Q. Who is this assessment for?**

**A.** This assessment is only for those applying to English medium Primary teaching programmes (ie not those in the Secondary, Early Childhood or Mātauranga Māori endorsements).

At UC this means Primary applicants in the following qualifications:

1. Ako: Bachelor of Teaching and Learning (Primary endorsement)
2. Graduate Diploma in Teaching and Learning (Primary endorsement)
3. Postgraduate Diploma in Teaching and Learning (Primary endorsement)
4. Master of Teaching and Learning (Primary endorsement)

**Q. When do I have to pass this assessment?**

**A.** In 2026, applicants in a one year qualification are required to complete the assessment **prior to** enrolling in the programme (ie GradDipTchgLn, PGDipTchgLn or MTchgLn).

Students enrolling in Ako:BTchLn in 2026 are required to complete the assessment **prior to** the enrolling in the second year of the programme.

From 2027, all applicants in the Primary English medium are required to pass the assessment **prior to** entry to the programme.

There will be a staged approach for one year and multi-year programmes as follows:



**Q. What about the current numeracy assessment that I am meant to pass prior to entry to the programme at UC?**

**A.** From 2026 the new LNAAT assessment will replace the existing numeracy assessment for applicants in the Primary English medium programmes only. Applicants in the Secondary, Early Childhood or Mātauranga Māori endorsements will continue to complete the current numeracy assessment as part of their application to enrol at UC.

**Q. Do I need to pay to undertake the assessment?**

**A.** No – this is a free-to-use online assessment.

**Q. What does the assessment involve?**

**A.** The LNAAT numeracy assessment is online and provides students with approximately 30 word problems requiring practical applications of mathematics. Most are multiple choice, but some require filling in the blank or drag-and-drop responses.

Content in the LNAAT numeracy assessment includes the following areas:

**Number**

• Basic facts (e.g., addition, subtraction, multiplication, and division)

• Addition, subtraction, and multiplication to at least 3-digit numbers, including integers and decimals

• Types of numbers (e.g., factors, multiples, odd/even, exponents, including powers of 10, integers)

• Place value of decimals, including multiplying and dividing by 10, 100, 1000, and their multiples

• Order of operations

• Rounding to decimal places and significant figures, and rounding whole numbers to the nearest 10, 100, 1000

• Naming and ordering fractions

• Equivalent fractions (e.g., completing a conversion table)

• Fractions – addition, subtraction, multiplication, and division

• Converting between improper and mixed fractions

• Converting between fractions, decimals, and percentages

• Finding a percentage of an amount

• Solving reverse percentage problems (e.g., If 60% of a total is 90, what is the total?)

• Ratio

• Understanding and solving proportional reasoningproblems (e.g., if I need 6 eggs to bake 10 cakes, how many eggs will I need to make 15 cakes?)

**Measurement**

• Converting between metric units of length, area, and volume

• Appropriate units and metric conversions: length, area, capacity (liquids), mass (weight)

• Finding perimeter, circumference, area of 2-dimensional shapes (circle, square, rectangle, triangle, parallelogram, regular and irregular polygon, and composite shapes)

• Finding the volume and surface area of 3-dimensional shapes (e.g., cuboid, prism)

• Performing calculations involving time

**Q. How long does the assessment take?**

**A.** The assessment typically takes 45-60 minutes to complete.

**Q. What score do I need to achieve?**

**A.** The Teaching Council has determined that passing the prescribed assessment will entail a score of 690 or higher (which is generally predictive of success at NCEA Level 2).

**Q. What if I do not achieve a score of 690 or higher?**

**A.** You are allowed to re-sit the assessment if you do not achieve the score on the first attempt.

Should you not pass the assessment following a resit, we will be in touch to discuss the next steps with you.

**Q. When will the assessment be available to take?**

**A.** The first step is to apply for one of our Teaching qualifications (primary endorsement). As we progress your application, we will contact you with the access information and code required to undertake the assessment. We need to set up your details and access to the system before you can undertake the assessment.

**Q. How do I access the test?**

**A.** You will be provided with an assessment time period in which you can take the assessment. Close to the assessment time, we will send you an email with a Student Code that you need to use to access the online assessment.

**Website links for practice experience:**

[**Pathways Awarua**](https://pathwaysawarua.com/pathways/numeracy)\*

NZ based

Developed by Tertiary Education Commission

Modules linked to steps 2-6 of the Learning Progressions for Adults

Demo page – can try some modules without signing up

Can register for a [free account](https://pathwaysawarua.com/)

Module 2 begins with very basic maths, e.g. adding to 20, subtraction

Modules get progressively harder

\***we recommend this resource link – particularly modules 4-6**

[**National Numeracy**](https://www.nationalnumeracy.org.uk/what-numeracy/challenge)

UK based

Have to register for a free account

Has a quiz to assess current level

Adaptive questions

Good way to gauge current level

To get results have to enter DOB, a UK Postcode and UK Local Authority

[**Maths Query**](https://mathsquery.com/)

USA based

Free to use

Doesn’t require sign-in

Amazon affiliate

Grouped into series of topics, e.g. arithmetic, algebra, geometry etc.

Includes questions, examples and pdf worksheets

Not interactive

[**OLNA Online Literacy and Numeracy Assessment**](https://olnawa.com.au/quizzes/numeracy-and-reading-sample-quiz/)

Australian based

Sample quizzes available

Provides hints to answer questions

Limited free content

Membership based ($55 for 12 months subscription)

[**Practice Aptitude Tests**](https://www.practiceaptitudetests.com/numerical-reasoning-tests/)

UK based

Subscription based

Some free practice tests

Provides explanation of how to do questions

Higher level of difficulty than other sites

[**Maths Query**](https://mathsquery.com/)

USA based

Free to use

Doesn’t require sign-in

Amazon affiliate

Grouped into series of topics, e.g. arithmetic, algebra, geometry etc.

Includes questions, examples and pdf worksheets

Not interactive