

Swinburne Online LANTITE

Support Units: **User Guide**

This guide will assist you in navigating the personal literacy and numeracy Diagnostic Tests and Numeracy Support Units.

The diagnostic tests have been designed to assess your personal literacy and numeracy levels. They have been developed by drawing on the concepts of the Australian Core Skills Framework which are likely to be assessed in the Literacy and Numeracy Test for Initial Teacher Education (LANTITE).

The diagnostic tests do not emulate the exact LANTITE test questions and conditions, such as duration of the test and the permitted use of a calculator. However, it is an assessment of your understanding of the concepts, processes and contexts that the LANTITE test is based upon.

If you have any queries or concerns about the LANTITE Literacy and Numeracy test please contact the Australian Council for Educational Research (ACER) directly.

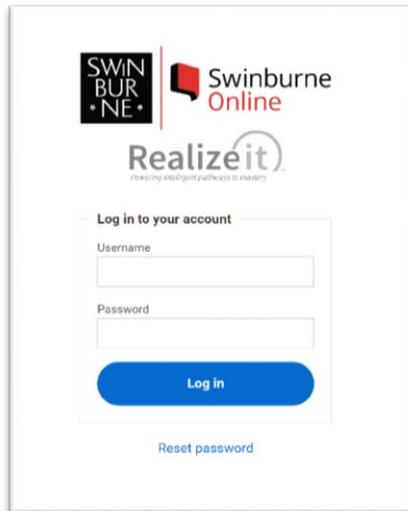
<https://teacheredtest.acer.edu.au>

Logging in

To begin, go to your web browser and use the following URL:

<https://swinburneonline.realizeithome.com/RealizeITapp/Realizeit.aspx>.

Log in to your account using your Student email as **Username** and your **Password**.



The screenshot shows the login interface for Swinburne Online. At the top left is the Swinburne Online logo. Below it is the 'Realizeit' logo with the tagline 'realizing intelligent pathways to reality'. The main heading is 'Log in to your account'. There are two input fields: 'Username' and 'Password'. Below the 'Password' field is a blue 'Log in' button. At the bottom of the form is a link for 'Reset password'.

Diagnostic tests

Once you are logged in, you will see:

1. Literacy Diagnostic Test
2. Literacy Support Unit
3. Numeracy Diagnostic Test
4. Numeracy Support Unit

Select Literacy or Numeracy *Diagnostic Test* to attempt the free diagnostic test to help you assess your personal literacy and numeracy skills, in readiness to take the ACER LANTITE test.

My Courses

Literacy Diagnostic Test

Mastery Progress 0/2

START HERE! Click to attempt the Diagnostic test to help you assess your readiness to take the ACER LANTITE Literacy test

Literacy Support Unit

Mastery Progress 0/69

Need more support? Click to start the Literacy Support unit

This personalised Literacy Support unit is designed to

Numeracy Diagnostic Test

Mastery Progress 0/2

START HERE! Click to attempt the Diagnostic test to help you assess your readiness to take the ACER LANTITE Numeracy test

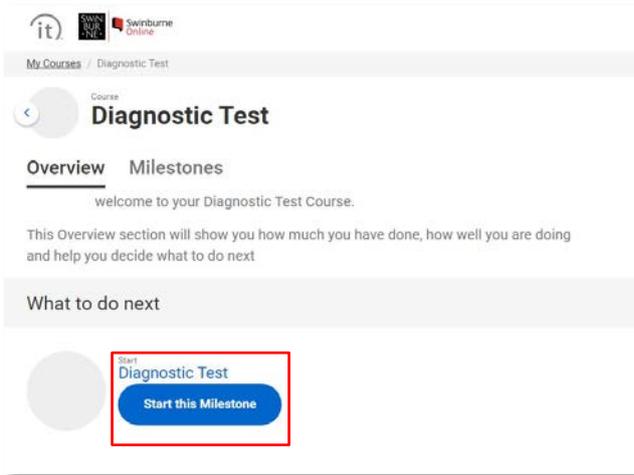
Numeracy Support Unit

Mastery Progress 0/72

Need more support? Click to start the Numeracy Support unit

This personalised Numeracy Support unit is designed to

Begin by selecting *Start this Milestone*.



Hint: If you're ever not sure what to do in the platform, select the blue buttons or links. This is how the system will show you the next step.

The Diagnostic Test consists of two activities:

1. Practice questions to get you used to the types of questions that will be asked.
2. The Diagnostic Test.

Select *Start assessment* to begin the practice questions.



The practice questions will provide any instructions at the top of the question. You have the opportunity to select the *I don't know* checkbox, if you do not know the answer to the question. Once you answer the question, select *Show next question*.

1

Complete the missing values in the table.

Number and Algebra

Question number 1

| | Decimal | Fraction | Percentage |
|----|----------------------|----------------|------------|
| 1. | | $\frac{2}{10}$ | |
| 2. | <input type="text"/> | | 30% |
| 3. | 0.9 | | |
| 4. | | $\frac{7}{20}$ | |
| 5. | 0.62 | | |
| 6. | | | 25% |

I don't know

1 / 5

Show next question Exit

After answering the practice questions, you will be presented with a button to *Review answers then click here to submit*. Click to display the results of your practice questions.

Review answers then click here to submit Exit

A *View solution* button will be presented at the bottom right of each question.

Statistics and Probability

Question number 5

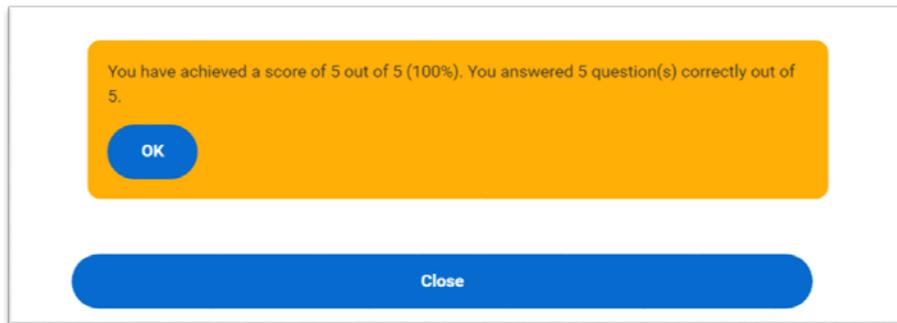
The teacher put all of the names in her class into the weekly raffle. There are 23 children in the class. 3 children names start with F, 5 with N, 7 with G, 2 with X, 6 with A. What is the likelihood of the teacher picking out a name that starts with A?

FFF, NNNNN, GGGGGG, XX, AAAAAA

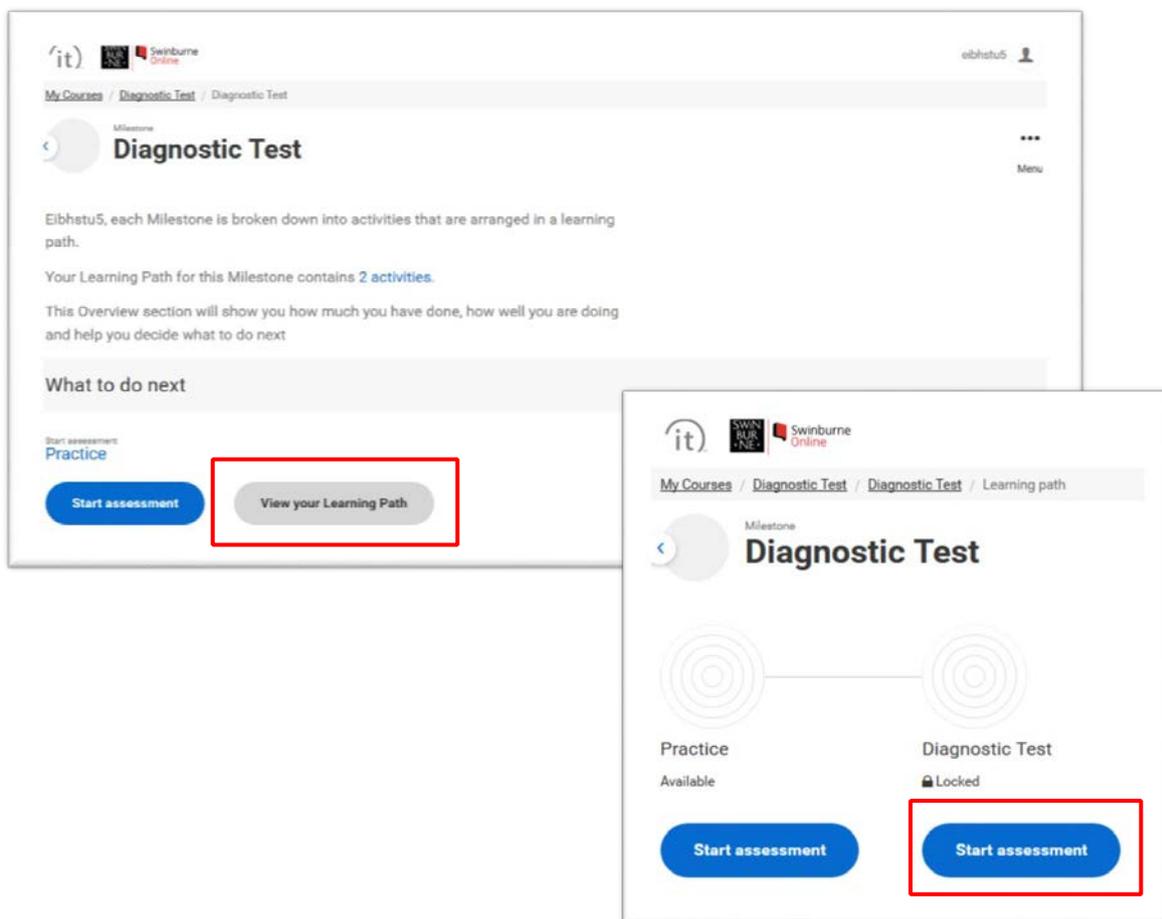
$\frac{7}{23}$
 $\frac{3}{23}$
 1
 $\frac{6}{23}$

Wrong View solution

Your score and percentage will show on the screen. Click *Close* to continue.

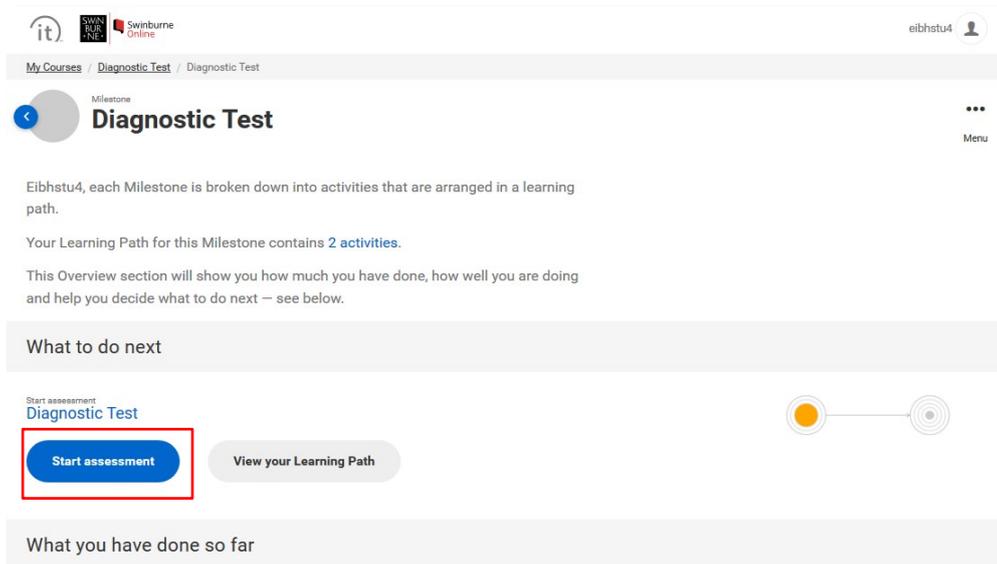


If you get at least 2/5 of the questions correct, the system will suggest that you move on to take the diagnostic test. If you get less than 2 of the practice questions correct, the platform will present more practice questions. If you would like to skip ahead straight to the diagnostic test, you can click on the *View your Learning Path*, then click on *Start assessment*.



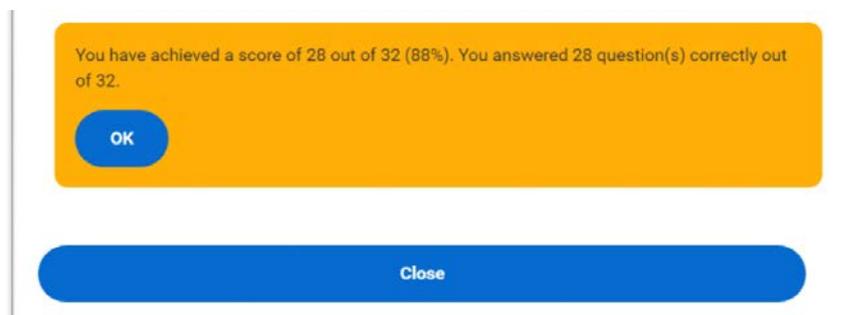
You are now ready to take the Diagnostic Test.

You can take this diagnostic test as many times as you like, and the questions are randomised to give a unique experience each time. Select *Start assessment* to begin the diagnostic test.



Feedback from the Diagnostic Test

Below is an example of an achieved score for the diagnostic test.



If you achieve:

- **80% or greater:** It looks like you have a good understanding of the concepts in the majority of areas.
- **Less than 80%:** The result highlights that there are still a few personal numeracy areas you could do with revision on. It is recommended that you try the diagnostic test again, and consider accessing the relevant personalised Support Unit to help you develop your understanding and skill through learning and practice.

You can see how you went on the diagnostic test questions, by selecting *Assessments*. Next to each attempt there is a *Show* icon; click this to display your results.

My Courses / Diagnostic Test

Course **Diagnostic Test**

Overview Milestones Assessments

— Practice

Max attempts:5

Do

| Attempt | Started | Completed | Time | Score | Questions | Details |
|---------|-----------------------|-----------------------|----------------------|-------|-----------|----------------|
| 1 | 11/2/2016, 1:58:19 PM | 11/2/2016, 1:58:38 PM | less than one minute | 20% | 1 / 5 | Show Questions |
| 2 | 11/2/2016, 1:58:52 PM | 11/2/2016, 2:00:07 PM | 1min | 100% | 5 / 5 | Show Questions |

— Diagnostic Assessment

Do

| Attempt | Started | Completed | Time | Score | Questions | Details |
|---------|-----------------------|-----------------------|-------|-------|-----------|----------------|
| 1 | 11/2/2016, 2:00:13 PM | 11/2/2016, 2:06:13 PM | 6mins | 67% | 22 / 33 | Show Questions |

You will see your *Score* for each *Activity* (the concept or skill assessed), out of how many *Questions* you were asked that related to that concept or skill. The percentage *Effect* shows the platform's belief that you understand the concept or skill that was assessed.

Close Questions

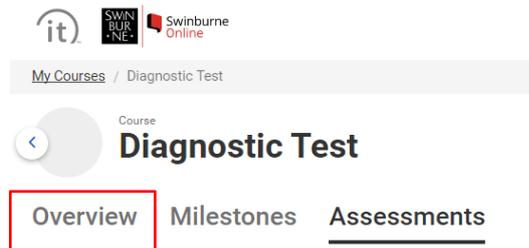
| Activity | Score | Questions | Effect |
|---------------------------------------|-------|-----------|-------------|
| Three Dimensional Shapes | 0% | 0 / 1 | 25% ... 20% |
| Using a Range of Algebraic Techniques | 0% | 0 / 1 | 30% ... 23% |
| Using Tables and Graphs | 0% | 0 / 1 | 1% ... 1% |
| Calculates fractions | 0% | 0 / 1 | 1% ... 1% |
| Chance and Probability | 0% | 0 / 1 | 1% ... 1% |

You can explore how you performed on each of the questions by clicking *Questions*.

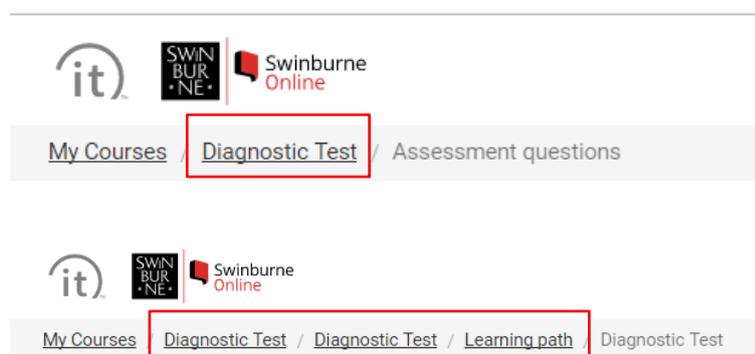
| Activity | Score | Questions | Effect |
|---------------------------------------|-------|-----------|-------------|
| Three Dimensional Shapes | 0% | 0 / 1 | 25% ... 20% |
| Using a Range of Algebraic Techniques | 0% | 0 / 1 | 30% ... 23% |
| Using Tables and Graphs | 0% | 0 / 1 | 1% ... 1% |
| Calculates fractions | 0% | 0 / 1 | 1% ... 1% |
| Chance and Probability | 0% | 0 / 1 | 1% ... 1% |

Don't worry, you can't 'break' anything by clicking around on hyperlinks in the view you then see, as there is a lot of information you can access about how you performed on the questions, and you can locate the solutions to the questions.

Depending on how deeply you explore your feedback, to go back at any time, simply click the *Overview* tab if it's on screen:

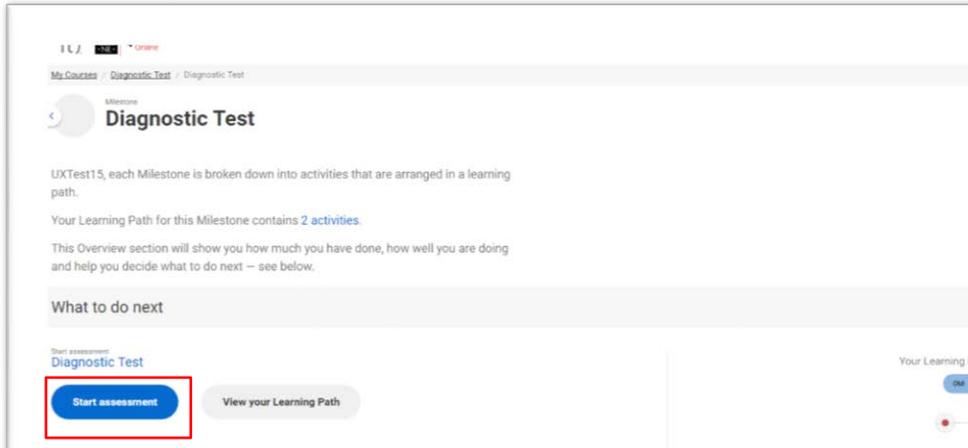


Or just follow the 'breadcrumbs' back to the diagnostic test overview tab.

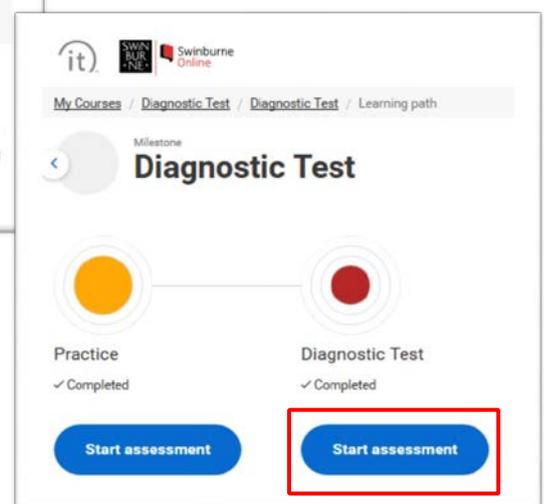
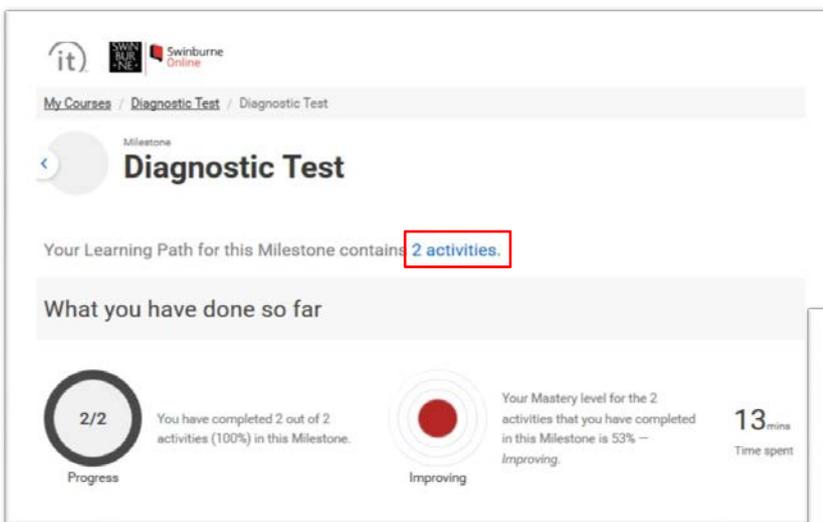


The view you are then presented with will change (adapt) depending on how well you did on your first attempt of the diagnostic test, or any additional attempts. It may look like any of the following, and you can simply click any blue button or link, or navigate using the breadcrumbs at the top of the page, to take the diagnostic test again.

You might see *Start assessment* (click this to re-take the diagnostic).

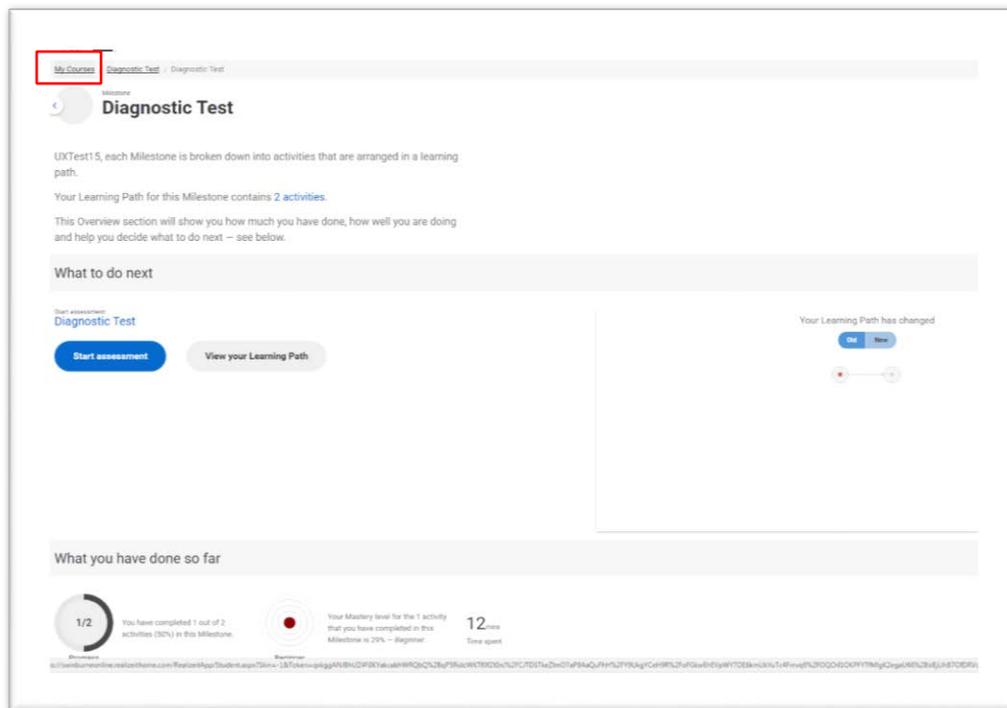


Or you might see *2 activities* (click this), and then *Start assessment* (click this to re-take the diagnostic test).



Support Units

The Support Units are designed to support your understanding of literacy and numeracy concepts and skills through learning and practice. If your initial diagnostic test results indicated that you could use some further support, please select the relevant Support Unit from your *My Courses* dashboard.



Within the support unit, the adaptive platform will assess your needs, and recommend personal learning paths that focus on areas you need the most help with. **You have 12 months of free access to the learning unit from the time of activation.**

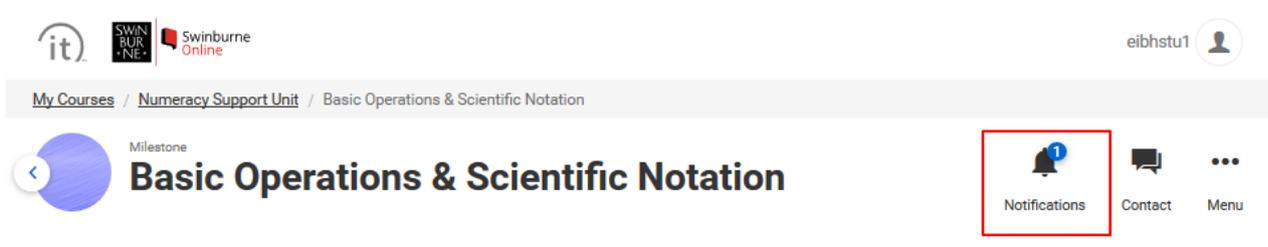
The Support Units are divided into milestones.

These milestones are colour-coded to help you identify which topic they relate to. Once you have completed the sub-topic milestones there is a final diagnostic test milestone, in pink, for you to take the diagnostic test again.

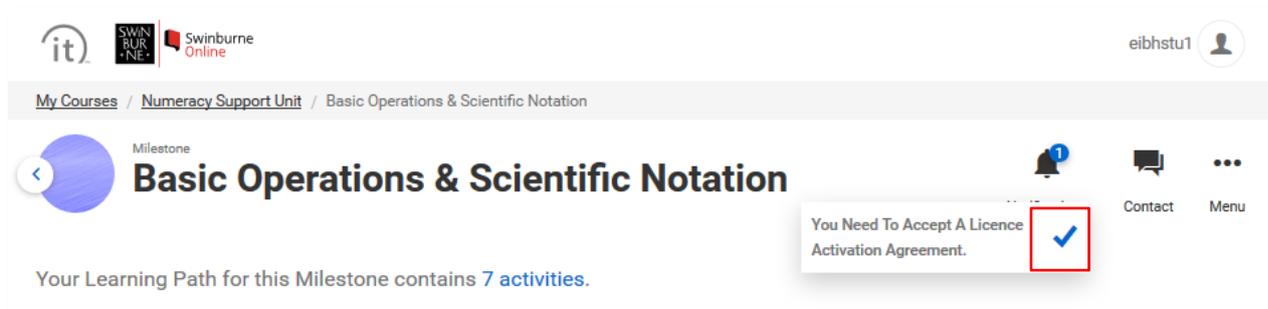
You need to accept the Licence Activation Agreement.

To do this, follow these steps:

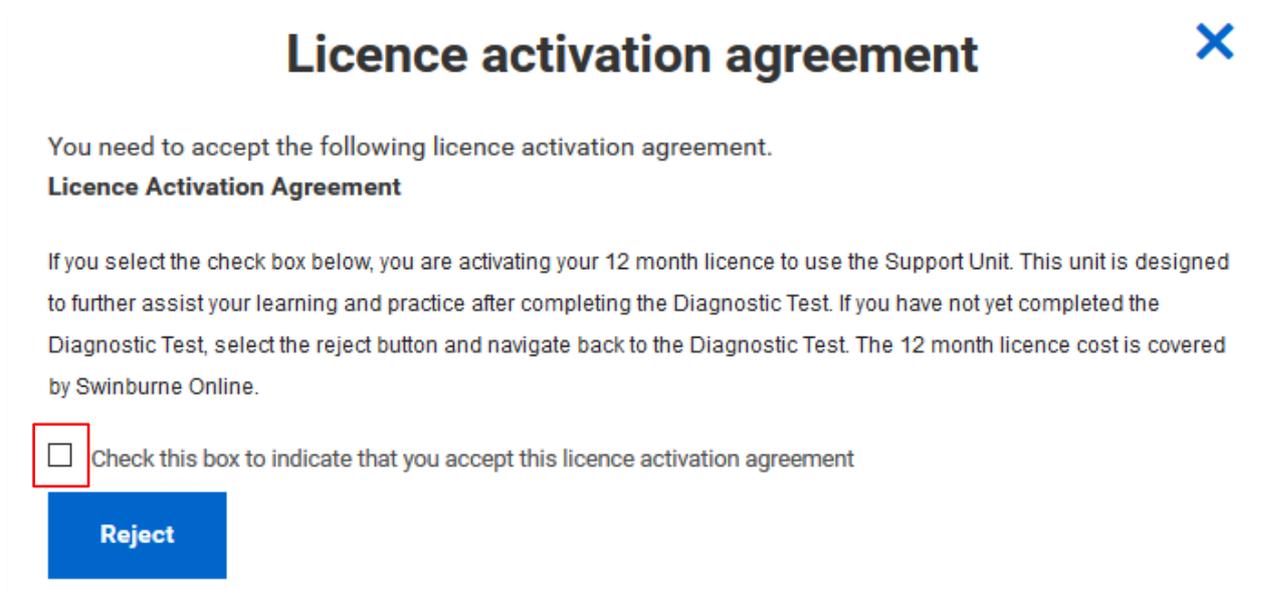
1. Click on *Notifications*.



2. Click on the blue check mark.



3. Check the box to indicate that you accept the *License activation Agreement*.



4. Click *OK*.

Licence activation agreement ✕

You need to accept the following licence activation agreement.

Licence Activation Agreement

If you select the check box below, you are activating your 12 month licence to use the Support Unit. This unit is designed to further assist your learning and practice after completing the Diagnostic Test. If you have not yet completed the Diagnostic Test, select the reject button and navigate back to the Diagnostic Test. The 12 month licence cost is covered by Swinburne Online.

Check this box to indicate that you accept this licence activation agreement

Please note: If you don't do steps 1-5 before you attempt any activities within the a Support Unit, you will receive this message and be unable to continue. You can click *Close* and navigate back to the relevant Diagnostic Test, or do steps 1-5 to begin learning and practice within the Support Unit.

it SWINBURNE Swinburne Online eibhstu7

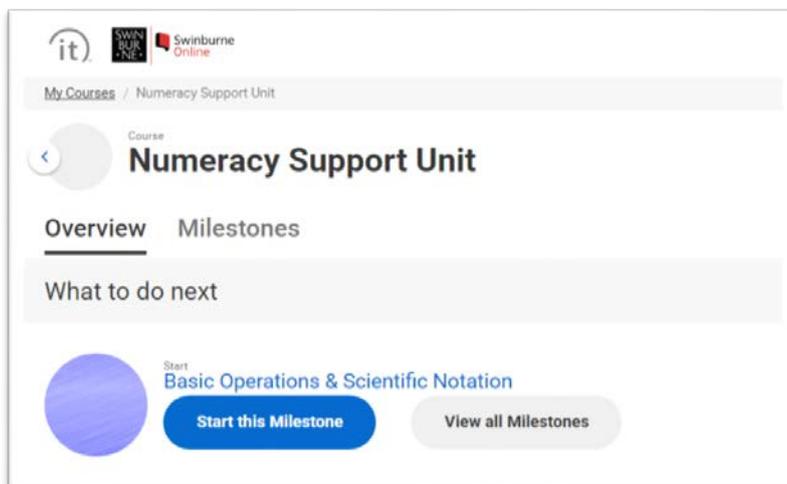
My Courses / Numeracy Support Unit / Basic Operations & Scientific Notation / Determine knowledge

☰

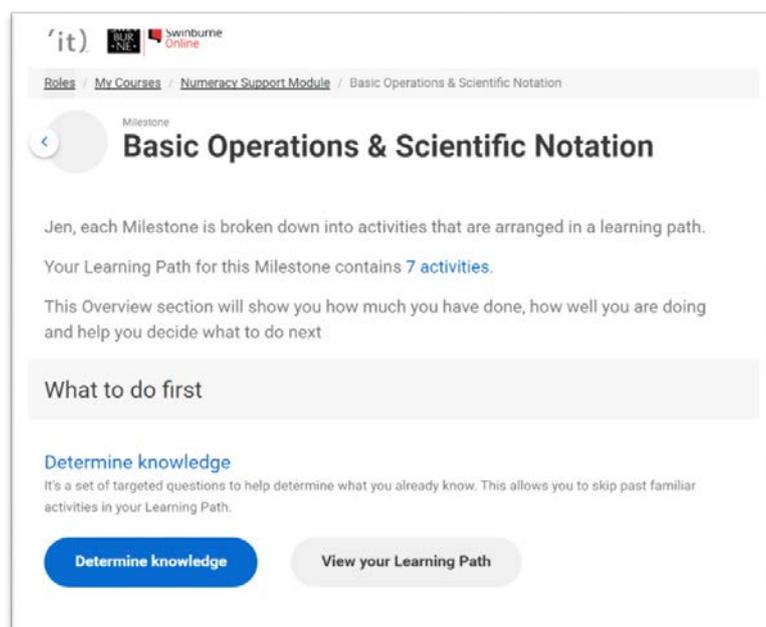
You have not accepted the licence activation agreement to use this.

After you have accepted the *Licence Activation Agreement*, you can now use the Support Unit.

The system will choose the first milestone for you to complete. Select *Start this Milestone* to begin. The *Overview* tab will always show you how much you have done, how well you are doing and help you decide what to do next.



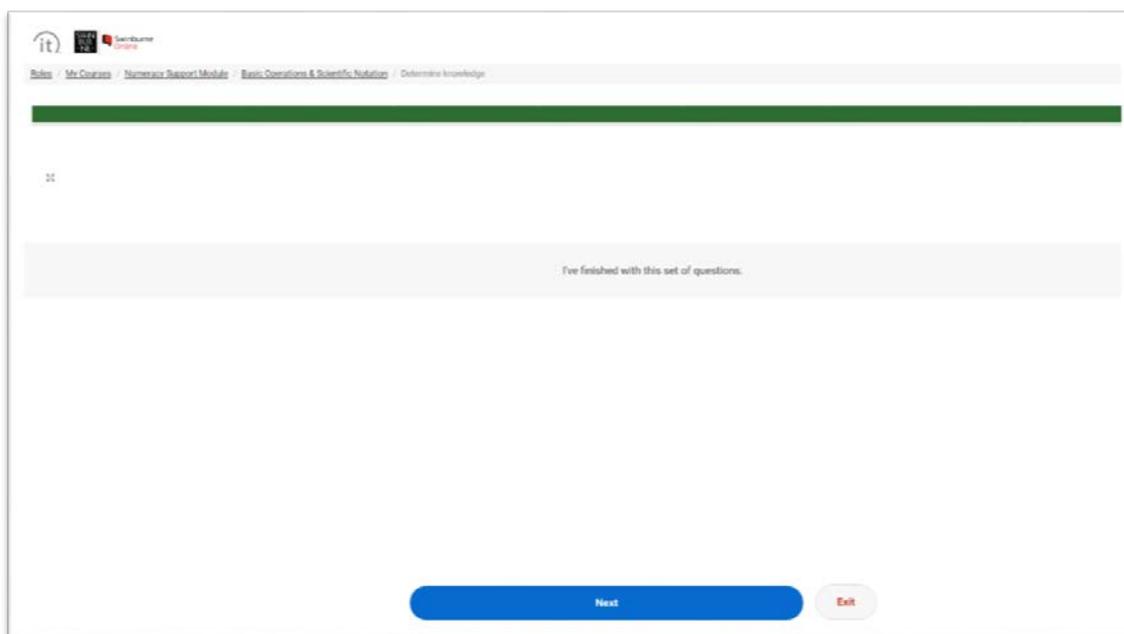
At the beginning of each milestone, you will complete a ‘Determine knowledge’ pre-assessment. This pre-assessment informs the system as to your knowledge and understanding of the concepts and skills in the milestone, and informs your personalised learning path. You can then quickly move past, or through, areas that you know, and spend more time in areas where you need development. Select *Determine knowledge* to begin.



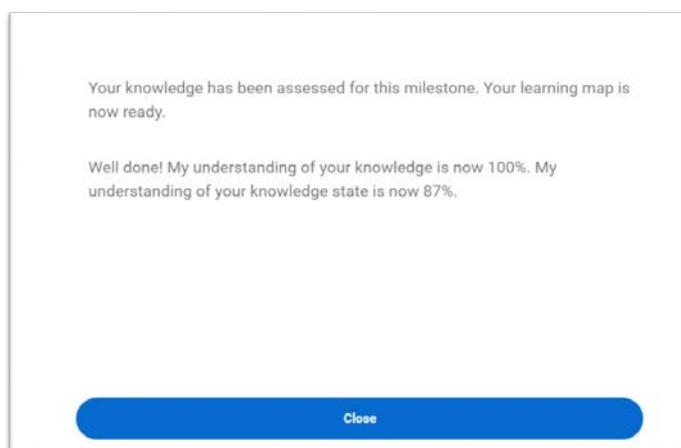
As you answer questions during the determine knowledge pre-assessment, the green bar will show your progress.



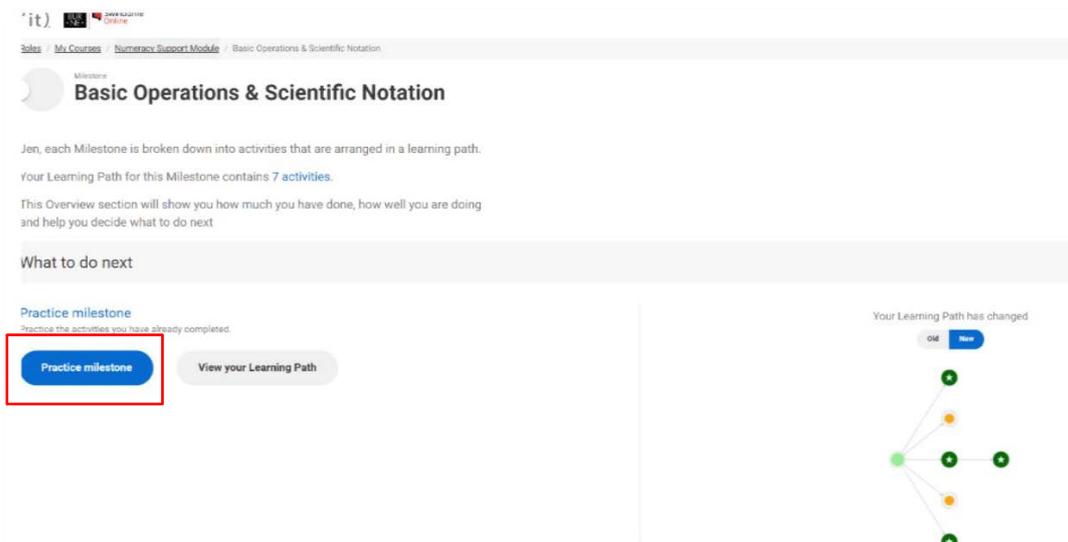
When you finish the determine knowledge pre-assessment, select *Next* to continue.



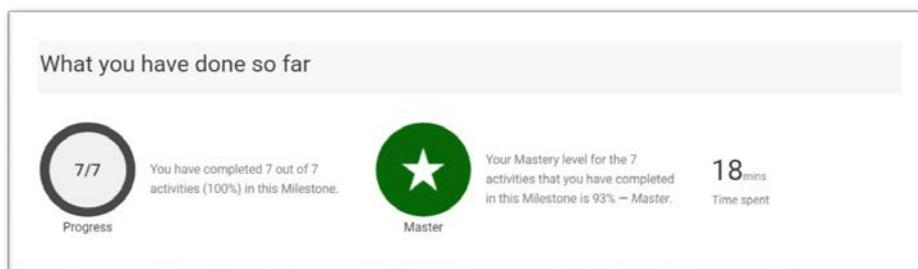
The system will then display a message that relates to its understanding of your mastery level of the concepts and skills relevant to that milestone, based on your performance on the determine knowledge pre-assessment. The system now has enough information to map your personalised learning path for the milestone. Select *Close* to continue.



The system will now recommend that you practice questions, revise or learn, depending on your needs. Select *'Practice milestone'*, *'Learn'* or *'Revise'* to continue.



Once you complete activities within a milestone and return to the *Overview* tab, the system will display your progress, your mastery level, and the time you have spent on the milestone.



Mastery legend

The Mastery legend indicates how much you know about a particular topic. Your mastery level will update visually as your knowledge and skill develop. Note that the system may update your competence level immediately, or in your next session within the platform.



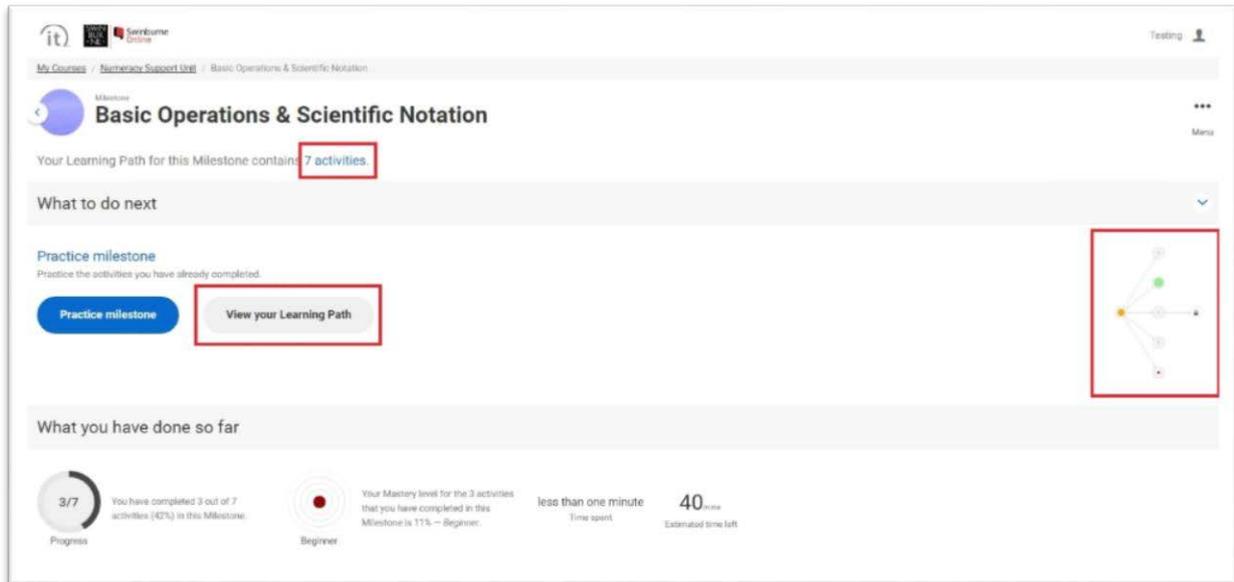
After you have completed all of the learning milestones within the personalised Support Unit, you have the opportunity to take the **Final Diagnostic Test**. This milestone returns you the Diagnostic Test, and you can assess your development.

Additional Features

Learning Path

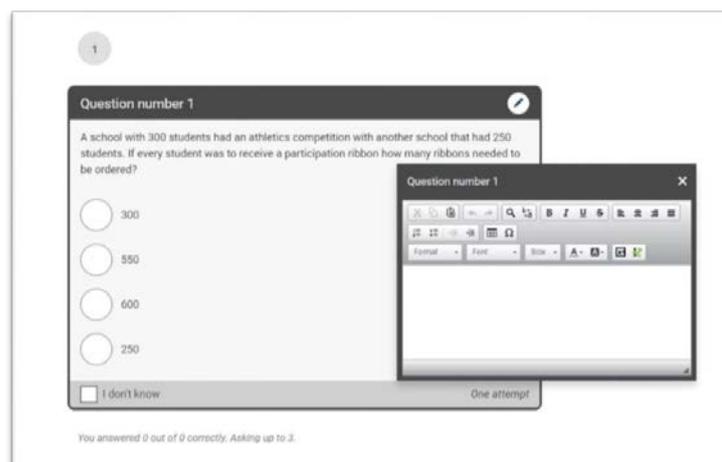
Your personalised *Learning Path* maps your progression throughout the course, and is constantly being re-evaluated based on your participation and completion of activities.

Within a milestone you can check your Learning Path by selecting any of the outlined options below. This will show you what you have already completed, your mastery levels, and any remaining activities you need to complete.



Work pad

If you need working space as you complete questions, you can select the pencil icon to access the work pad. You can move the work pad by selecting the window and moving your mouse.



Symbols

If you are required to use symbols to answer a question in the Numeracy Support Unit these will be available in the maths panel answer box. Just select the required symbol, or type in using your keyboard, to incorporate it into your answer.



Reduce this fraction to its lowest form.

$$\frac{3}{6}$$

× ÷ π $\frac{a}{b}$ a^b ()

?

I don't know 2 attempts