

## Expanding and transforming the student learning experience through accessible, equitable and sustainable multi-disciplinary support initiatives.

Dr Deborah Jackson, Maths Hub Coordinator, La Trobe University

**ACSME 2022** 

**PHYSIOLOGY** 

BIOMEDICINE

Science

**Multi-disciplinary support** and basic skills support are vital for student confidence, competency, and positive outcomes.

## MATHS SKILLS PROGRAMS

provide tailored basics skills support, highlighting the relevance of maths to disciplines, since 2010.

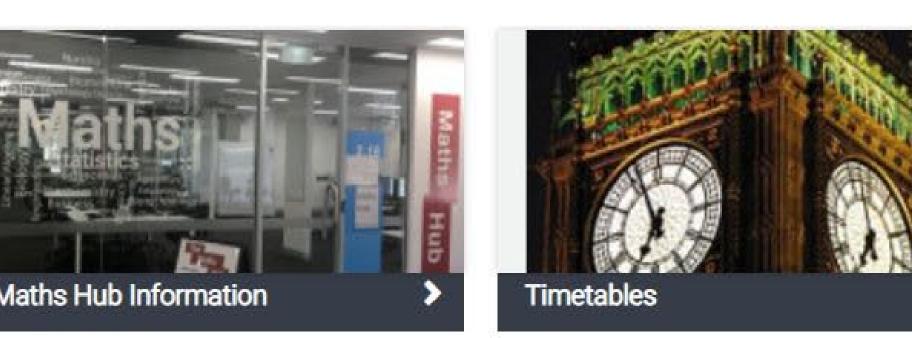
**MATHS HUB extended the** existing basic skills support to direct subject support in 2018. Skills programs were renamed & revamped as MATHS HUB MODULES

Maths Hub success led to the establishment of the **CHEMISTRY HUB SCIENCE HUB** 

**CODING HUB** 

Easily accessible support, conducted in a friendly, sensitive environment, encourages students to acknowledge inadequacies and misunderstandings, improve skills, catch-up, and experience detailed problem solving with individual help.

## Maths

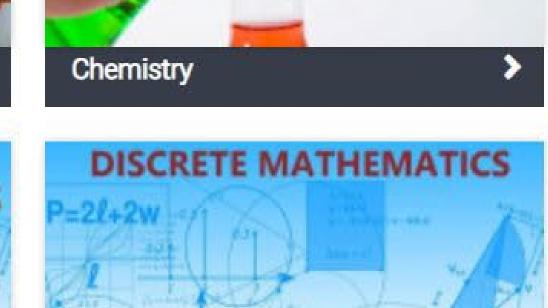






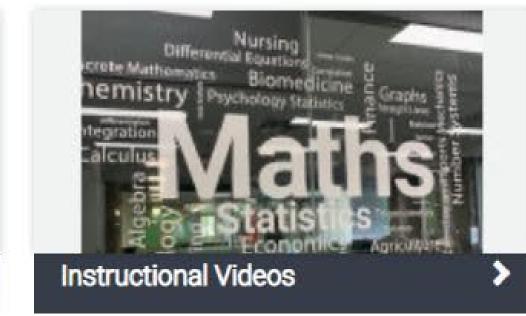
















MOLECULES GENES CELLS

Over 11,887 visits

PYTHON JAVA SQL/DATABASE WEB DEVELOPMENT

Hub



Education

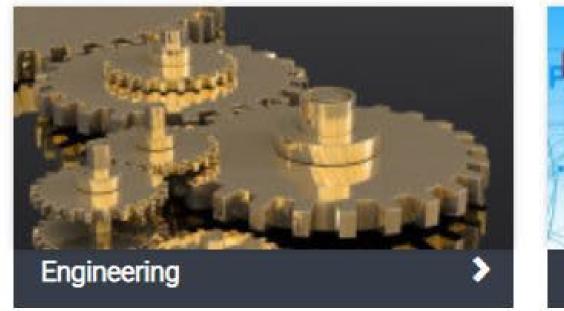
**NUMBER SYSTEMS** 

**Psychology Statistics** 

LINEAR ALGEBRA

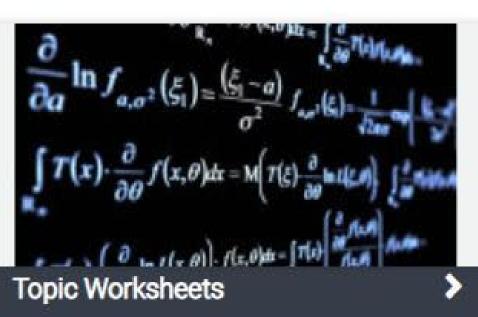
**Economics** 





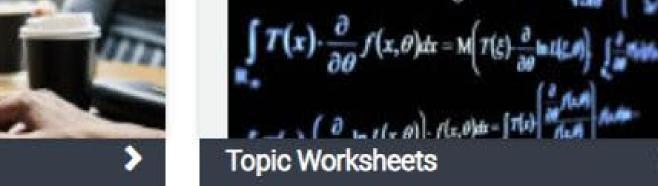












**Business and Finance** 

Maths 1002/CDE

**CALCULUS &** 

Over 16,000 visits to the Maths Hub since 2018

Over 3500 unique students have engaged in the Maths Skills Programs/Maths Hub Modules (quizzes & worksheets) since 2010.

Over 2450 visits to the Coding Hub since 2019

MATHS: "I don't think I would have passed without the Maths Hub." "Yey for online Maths Hub! It's a life saver." "I would definitely fail my maths subject without it." "It is an absolutely brilliant experience." SCIENCE: "I love Science Hub, I have received so much help from it!" "Love it and attend as often as I can." "Amazing. What a great way to help students who are stuck or need extra guidance. " CODING: "The Coding Hub is a really invaluable resource!" "Its the main reason I've come so far in my degree." "We can reach out to people who have a great understanding and clarify issues we have."