













The Labour Market

The labour market is where workers trade their labour to an employer for a wage. Like any market, it is subject to forces such as supply and demand.



https://youtu.be/fQZ4ze0unuU











The Spread of Disease

A video about modelling the susceptibility, infection spread and recovery of disease in populations.

The mathematical models shown were vital during the COVID-19 pandemic for predicting the spread of the virus and informing public health decisions.



https://youtu.be/buZjhRAAKH4











For more teacher and student resources including job ads, career profiles and videos visit careers.amsi.org.au

From computing and robotics to medical research and engineering, maths is critical to so many careers.

MATHS CAREERS

IOB ADS PROFILES

VIDEOS

STUDY TIPS

PARENTS & TEACHERS Q



Tuning into Statistics

Science and medicine rely heavily on data and statistics, Bioinformatician Saskia Freytag uses the power of data to reveal the ...



Protecting Forests with Maths

Forest Scientist Cristina Aponte uses Maths to study and protect our forests. In nature, just like in Maths,



Competing with Maths

Lesley West has a Bachelor of Mathematics & Statistics from the University of Strathclyde, She also competes as an amateur ...



Dreaming up Robots with Maths

Marita Cheng is the Founder of the International organisation Robogals, designed to encourage more women into Engineering. She is also ...



Climbing with Maths

Solai Valliappan has a Bachelor of Commerce (Actuarial Studies) from the University of NSW. She is



Taking Off with Maths

Lee Turnley has a double degree in engineering and science (biotechnology) from Swinburne University and is a Composite Research Engineer ...



Coding Up a Revolution

Co-founder of Code Like a Girl, Ally Watson has a degree in computer science from Glasgow University in Scotland.



Reaching the Stars with Maths

Karlie Noon was the first Indigenous Australian in New South Wales to complete a double degree in Maths and Physics .



Fighting Malaria with Maths

Lyndal Henden is a Post Doc Researcher at the Walter and Eliza Hall Institute of Medical Research. Her research focuses.









Labour market exploration

- As a class or in groups discuss occupations that will involve mathematics in some way.
- Visit Jobs and Skills Australia and explore the Jobs and Skills Atlas www.jobsandskills.gov.au/jobs-and-skillsatlas-dashboard
- Using the Occupations tab in the Atlas, search for the occupations the class or group decided on. Record and discuss the:
 - Median weekly earnings.
 - Median age.
 - Shortage and future demand.
 - Most recent estimated vacancies.

Complete Labour Market Exploration Worksheet

Game designer

Sports administrator

Truck driver Environmental adviser Cryptographer ject manager Project manage Professional builder Professional builder Network engineer