

MATHEMATICS AND CAREER EXPLORATION YEAR 10



These resources are proudly supported by Toyota Community Trust, Australian Mathematical Sciences Institute, Australian Centre for Career Education, Aurecon Group, and Champion Data.

Worksheet Labour Market Exploration

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.

1. As a class or in groups, discuss occupations that will involve mathematics in some way (Hint: It's probably more than you think!)

2. Visit [Jobs and Skills Australia](#) and explore the [Jobs and Skills Atlas](#).

- Jobs and Skills Atlas provides an overview of the labour market at national, state and regional level by occupations, skills and industries.
- Once you choose your entry point you can select the specific level of data you are interested in. This data will then be available for you to view. If at any point you wish to change and view a new region, select the drop-down menu and change your selection. You can also search for a region by name, suburb or postcode.

3. 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.

Consider: How do the weekly earnings compare to the national average?
Is the workforce for that occupation young or old/what does this mean for the future?
Where does that occupation rank on the Skills Priority List?