

AUSTRALIA'S STEM PIPELINE

YEAR 8 >> Males and females performed equally in maths.



1 in 5 males, and 2 in 5 females



YEAR 10

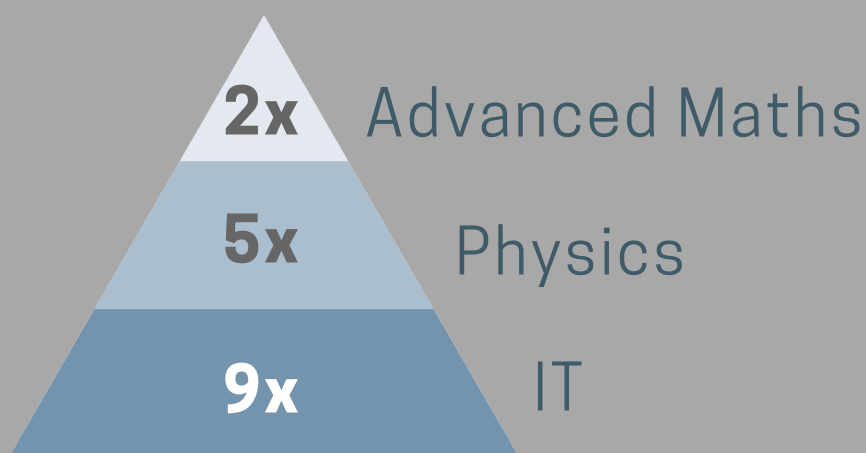
<< chose **NOT** to study maths.

More than a gender issue:

From 2001 to 2011, the number of students who chose not to study maths **tripled**.

YEAR 12 >>>

Males were



as likely as females to study:



18% of males, and
1.4% of females

enrolled in further study, were studying **engineering and related technologies**.

TERTIARY

REASONS FOR MATHS DECLINE

- Shortage of maths qualified **teachers**.
- **Students** don't see relevance to everyday life and think they can get a higher ATAR doing other subjects.
- Maths isn't a pre-requisite for STEM courses at **university**.

SO WHERE TO FROM HERE?

Recommendations:

- You can't be what you can't see: we need more role models.
- Provide context and pathways from maths to careers.

Find these resources and more at careerswithSTEM.com