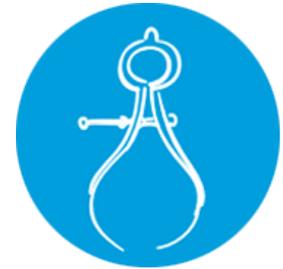


ENGINEERING & ARCHITECTURE

Pathway Guide

Is a career in Engineering & Architecture right for you?

- Problem Solver
- Strong analytical skills
- Likes to work collaboratively
- Strong work ethic



most important

Basic Skills

required for work in the
engineering &
architecture pathway

problem solving communication skills
good at math and science
innovative ideas team player

3 Three Main Points

- 1** The Engineering and Design Industry Sector is ideal for students who have a strong understanding of mathematics and a creative drive to design new ideas.
- 2** If you are passionate about the environment and have innovative ideas for renewable energy or water treatment, or you have the next hit attraction for an amusement park in your head waiting to be designed, this sector could be your path to success.
- 3** Successful students have strong problem solving and analytical skills, the ability to work as part of a team, and a strong work ethic.



Printable

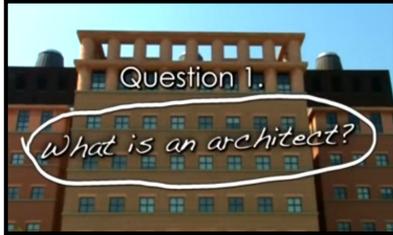


A handy two-page document with details on the career pathways and training available for those interested in the Engineering and Design industry sector.

Pathway Guide

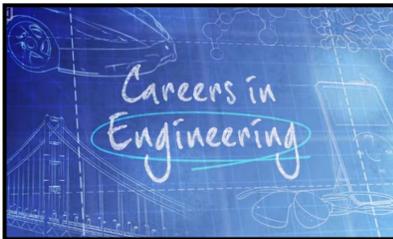


Video



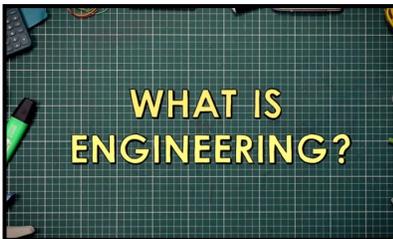
Architecture -- Career

Architects design the spaces in which we live, work, and play. Though not a "classical" STEM field, the field of architecture encompasses all aspects of STEM --science, technology, engineering and math, with a nice dose of art and design thrown in. The demand for architects is on the rise, and there has never been a more exciting time to enter the field.



Careers in Engineering

A mini documentary for school children investigating career opportunities in engineering and where STEM subjects can take you. Get the scoop from successful engineers and scientists.



What is Engineering?

Engineering explained - from mobile phones to the Burj Khalifa (the world's tallest building), computer games and toothpaste to the Sydney Harbour Bridge and aeroplanes.



Resources



www.californiacareers.info

www.californiacolleges.edu

www.edd.ca.gov/Jobs_and_Training/

www.aias.org/about-the-aias/

www.aia.org/careerstages/student/

