IS DIGITAL TECH JUST ABOUT ROBOTS?
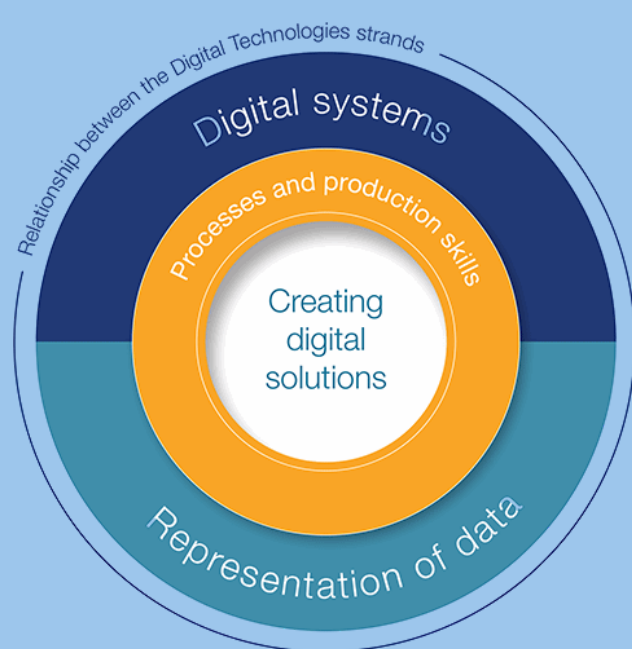
"Our children will need strong STEM knowledge to succeed in the jobs of the future and we are keeping the economy strong by investing in the skills of our future workforce."

~ Dan Tehan MP
Minster for Education

Relationship between the Digital Technologies strands

Digital systems

Processes and production skills

Creating digital solutions

Representation of data

CREATING DIGITAL SOLUTIONS FOR A PREFERRED FUTURE

Design Thinking

Systems Thinking

Computational Thinking

The Australian Curriculum: Digital Technologies empowers students to shape change by influencing how contemporary and emerging **information systems** and practices are applied to meet current and future needs. A **deep knowledge** and **understanding** of information systems enables students to be **creative** and **discerning decision-makers** when they select, use and **manage data**, **information**, **processes** and **digital systems** to meet needs and shape preferred futures.

https://www.australiancurriculum.edu.au/f-10-curriculum/technologies/digital-technologies/rationale/

3 in 4 of the fastest growing occupations require science, technology, engineering and mathematics (STEM) related skills and knowledge.

CAREERS IN DT & STEM

- Cyber security and data
- Virtual and augmented reality developer
- Data scientist
- Game, robotics or software engineer
- Forensic computer analyst
- Cloud computing advisor
- Bioinformatician

TO FIND OUT MORE ABOUT DIGITAL TECH, CAREERS & ACTIVITY EXAMPLES, VISIT OUR YOUTUBE CHANNEL

You Tube

For more parent resources and information visit:
https://csermoocs.adelaide.edu.au/resources#resources-to-support-parents-and-families