

CURRICULUM LINKS
AUSTRALIAN NATIONAL TECHNOLOGIES CURRICULUM
YEARS 7-10 DIGITAL TECHNOLOGIES

Digital systems are designed to meet criteria for a purpose.

Apply principles of systems thinking to investigate a digital system and control them by linear, repeating and branching instructions.

Apply computational thinking, creativity, innovation, enterprise and project management skills in the use of digital technologies.

Collect and analyse relevant data with independence and collaboration.

Use a range of processes, hardware and software to model, construct, test and evaluate digital solutions.

Consider input processes and output and the effect on the performance of digital solutions from changes to functions, procedures, devices and sequences of instruction.

YEARS 7-10 DESIGN & TECHNOLOGIES

Learn and make judgements about materials and how they can be combined to create and produce solutions to problems with a focus on enterprise and sustainability.

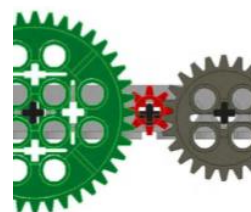
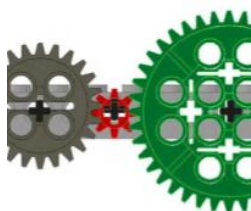
Apply creativity, innovation, production and enterprise skills to design, plan, manage and safely produce quality solutions for complex problems.

Test and evaluate design ideas and technologies considering responsible use of materials.

Identify, explore, critique, design, produce, manufacture and construct with increased independence for complex problems.

Work independently and collaboratively to select appropriate technologies to suit specific tasks.

Learn to evaluate the design process employed and the solution achieved using identified criteria.



Moore Educational

30 King Street Airport West VIC 3042 Phone: 03 9334 5544 Fax: 03 9338 5599 Freecall: 1800 684 068

www.mooreed.com.au