

Multimedia: Design and Technologies

Multimedia dimensions

Design and Technologies - Years 5 and 6

Knowledge and Understanding

- Examine how people in design and technologies occupations address competing considerations, including sustainability in the design of products, services, and environments for current and future use (ACTDEK019)
- Investigate characteristics and properties of a range of materials, systems, components, tools and equipment and evaluate the impact of their use (ACTDEK023)

Processes and Production Skills

- Critique needs or opportunities for designing, and investigate materials, components, tools, equipment and processes to achieve intended designed solutions (ACTDEK024)
- Generate, develop and communicate design ideas and processes for audiences using appropriate technical terms and graphical representation techniques (ACTDEK025)
- Select appropriate materials, components, tools, equipment and techniques and apply safe procedures to make designed solutions (ACTDEK026)
- Negotiate criteria for success that include sustainability to evaluate design ideas, processes and solutions (ACTDEK027)
- Develop project plans that include consideration of resources when making designed solutions individually and collaboratively (ACTDEK028)