

# SCIENCE GALLERY MELBOURNE

## CURRICULUM LINKS

### SWARM: Online Interactive Tour

#### Level 7-8

##### Critical and Creative Thinking

Suspend judgements temporarily and consider how preconceptions may limit ideas and alternatives ([VCCCTQ033](#))

##### Personal and Social Capability

Explore their personal values and beliefs and analyse how these values and beliefs might be different or similar to those of others ([VCPSCSO038](#))

##### Ethical

Discuss the role of context and experience in ethical decision-making and actions ([VCECD018](#))

##### Science

Scientific knowledge and understanding of the world changes as new evidence becomes available; science knowledge can develop through collaboration and connecting ideas across the disciplines and practice of science ([VCSSU089](#))

Science and technology contribute to finding solutions to a range of contemporary issues; these solutions may impact on other areas of society and involve ethical considerations ([VCSSU090](#))

##### Visual Arts

Explore visual arts practices as inspiration to explore and develop themes, concepts or ideas in artworks ([VCAVAE033](#))

Explore how artists use materials, techniques, technologies and processes to realise their intentions in artworks ([VCAVAE034](#))

Analyse how ideas and viewpoints are expressed in artworks and how they are viewed by audiences ([VCAVAR038](#))

Identify and connect specific features of visual artworks from different cultures, historical and contemporary times, including artworks by Aboriginal and Torres Strait Islander peoples ([VCAVAR039](#))

#### Level 9-10

##### Critical and Creative Thinking

Suspend judgements to allow new possibilities to emerge and investigate how this can broaden ideas and solutions ([VCCCTQ044](#))

##### Personal and Social Capability

Analyse how divergent values and beliefs contribute to different perspectives on social issues ([VCPSCSO047](#))

##### Ethical

Discuss issues raised by thinking about consequences and duties, in approaches to decision-making and action, and arguments for and against these approaches ([VCECD022](#))

##### Science

Advances in scientific understanding often rely on developments in technology and technological advances are often linked to scientific discoveries ([VCSSU115](#))

The values and needs of contemporary society can influence the focus of scientific research ([VCSSU116](#))

##### Visual Arts

Explore the visual arts practices and styles as inspiration to develop a personal style, explore, express ideas, concepts and themes in art works ([VCAVAE040](#))

Explore how artists manipulate materials, techniques, technologies and processes to develop and express their intentions in art works ([VCAVAE041](#))

Analyse and interpret artworks to explore the different forms of expression, intentions and viewpoints of artists and how they are viewed by audiences ([VCAVAR045](#))