SGM EXCURSIONS
CURRICULUM LINKS

Mission Control.

Level 7-8

Civics and Citizenship

Describe key features of government under the Australian Constitution, including the separation of powers, the Executive, the role of the Houses of Parliament, and the division of powers (VCCCG018)

Compare how laws are made in Australia, including through parliaments (statutory law) and courts (common law), and explain different types of laws, including executive law (delegated law), criminal law, civil law and the place of Aboriginal and Torres Strait Islander customary law (VCCCL023)

Critical and Creative Thinking

Consider how to approach and use questions that have different elements, including factual, temporal and conceptual elements (VCCCTQ032)

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

Consider how to settle matters of fact and matters of value and the degree of confidence in the conclusions (VCCCTR038)

Consider a range of strategies to represent ideas and explain and justify thinking processes to others (VCCCTM040)

Consider how problems can be segmented into discrete stages, new knowledge synthesised during problem-solving, and criteria used to assess emerging ideas and proposals (VCCCTM042)

Design and Technologies

Examine and prioritise competing factors including social, ethical, economic and sustainability considerations in the development of technologies and designed solutions to meet community needs for preferred futures (VCDSTS043)

Economics and Business

Consider the ways in which work can contribute to individual and societal wellbeing (VCEBW016)

Identify relationships and trends, and generate a range of alternatives for an economic or business issue or event, evaluating the potential costs and benefits of each alternative and the consequences of proposed actions (VCEBE019)

Level 9-10

Civics and Citizenship

Discuss the role of political parties and independent representatives in Australia's system of government, including the formation of governments, and explain the process through which government policy is shaped and developed (VCCCG028)

Critical and Creative Thinking

Challenge previously held assumptions and create new links, proposals and artefacts by investigating ideas that provoke shifts in perspectives and cross boundaries to generate ideas and solutions (VCCCTQ045) [parliament pitches]

Critically examine their own and others thinking processes and discuss factors that influence thinking, including cognitive biases (VCCCTM051)

Investigate the kind of criteria that can be used to rationally evaluate the quality of ideas and proposals, including the qualities of viability and workability (VCCCTM053)

Design and Technologies

Explain how designed solutions evolve with consideration of preferred futures and the impact of emerging technologies on design decisions (VCDSTS055) [Lego models]

Apply design thinking, creativity, innovation and enterprise skills to develop, modify and communicate design ideas of increasing sophistication (VCDSCD061) [Lego models]

Evaluate design ideas, processes and solutions against comprehensive criteria for success recognising the need for sustainability (VCDSCD063) [Lego builds – using suggestion cards to develop a sustainable solution]

Economics and Business

Examine the roles and responsibilities of participants in the changing Australian or global workplace (VCEBW026)

Science

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

Level 7-8

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)

Communicate ideas, findings and solutions to problems including identifying impacts and limitations of conclusions and using appropriate scientific language and representations (VCSIS113)

Identify questions, problems and claims that can be investigated scientifically and make predictions based on scientific knowledge (VCSIS107)