Sustainable Communities

Level	Years	Description	Duration	Outcomes
Middle School	7-9	With an emphasis on ***introductory ecological and sustainable design*** students learn about the elements that make up a 'sustainable community' covering design aspects as demonstrated by The Cape i.e. pedestrian and cycle friendly landscape, landscape regeneration, solar passive house design, food production, community development etc.	120 mins	: Students are promoted to critically reflect on housing and land use and to consider alternatives. : Students identify the key elements that make a sustainable community and can identify some potential solutions to environmental impacts posed by new housing developments. : Students understand the basics of solar passive house design and can identify a solar passive house. : Students can identify the benefits of sustainable community design and they can relate this to personal benefits for themselves if they were to live in a sustainable community. : Students compare the energy usage of a resident living at The Cape to the Australian average house holder in terms of energy usage.

Our **Year 7 - 9 program** caters to the Victorian Curriculum F-10 descriptors as shown below

The Victorian Curriculum		Years 7, 8, 9
Geography	Environmental Change and Movement	Focusing on sustainable housing and land use relates to curriculum content about managing environmental changes, such as urban development and its impacts. Students explore how sustainable communities can mitigate environmental impacts, which is central to understanding geographical concepts related to human-environment interactions.
	Geographies of Interconnections	The emphasis on community development, pedestrian-friendly landscapes, and food production connects with how places are connected and how these connections affect environmental and social outcomes.
Science	Earth and Space Sciences	The program encourages students to participate in their community by contributing to a local food charity. This promotes active citizenship, responsibility, and the role of individuals in addressing social issues, such as food security and equity.
	Science as a Human Endeavour:	The program prompts students to reflect on how scientific knowledge, such as solar energy and sustainable design, can influence human activities and decision-making, contributing to more sustainable living.
Cross Curriculum Priorities: Sustainability		Focusing on sustainable housing, land use, and community development, students explore how sustainable practices can be implemented in everyday life and the broader community.