

Adapting to Climate Change activities and Victorian Essential Learning Standards

Level 5 Activities – Years 7 & 8

Dimension	Standard	Activity
Science knowledge & understanding	Students explain the relationships, past and present, in living and non-living systems, in particular ecosystems, and human impact on these systems.	L5A2, L5A3, L5A7, L5A8
	They analyse what is needed for living things to survive, thrive or adapt, now and in the future.	L5A3, L5A5,
Science at work	Students make systematic observations and interpret recorded data appropriately.	L5A3, L5A4
	Students use simulations to predict the effect of changes in ecosystems.	L5A3, L5A5
	Students identify, analyse and ask their own questions in relation to scientific ideas or issues of interest.	L5A1, L5A7, L5A8

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Level 6 Activities – Years 9 & 10

Dimension	Standard	Activity
Science knowledge & understanding	Students identify and classify the sources of wastes generated, and describe their management, within the community and in industry.	L6A1, L6A2, L6A6
	Students use a specific example to explain the sustainable management of a resource.	L6A2, L6A5
	Students explain change in terms of energy in a range of biological, chemical and physical contexts.	L6A3, L6A4, L6A5
Science at work	Students use the relevant science concepts and relationships as one dimension of debating contentious and/or ethically based science-related issues of broad community concern.	L6A7, L6A8
	They provide examples of the work of scientists that demonstrate different approaches to developing scientific knowledge or solving a scientific problem.	L6A4, L6A5