

Aboriginal and Torres Strait Islander Histories and Cultures in Science

Elaborations (examples) that can be used by teachers to incorporate the Aboriginal and Torres Strait Islander Histories and Cultures Cross-curriculum priority across the Australian Curriculum: Science.

SCIENCE CURRICULUM

LEARNING IDEA

Year 3



Students learn how a change of state between solid and liquid can be caused by adding or removing heat (ACSSU046)

Students can look at changes of state in materials used by Aboriginal and Torres Strait Islander Peoples, such as beeswax or resins



Year 5



Students learn how solids, liquids and gases have different observable properties and behave in different ways (ACSSU077)

Students can recognise Aboriginal and Torres Strait Islander Peoples' knowledge and understanding of solids, liquids and gases (for example, application of steam for cooking)



Year 6



Students learn how the growth and survival of living things are affected by physical conditions of their environment (ACSSU094)

Students can investigate Aboriginal and Torres Strait Islander Peoples' knowledge and understanding of the physical conditions necessary for certain plants and animals to survive in their environment



Year 9



Students learn how scientific understanding, including models and theories, is contestable and is refined over time through a process of review by the scientific community (ACSHE157)

Students can investigate how fire research has evaluated the effects of traditional Aboriginal and Torres Strait Islander Peoples' fire regimes and how these findings have influenced fire management policy throughout Australia



Year 10



Students learn how different types of chemical reactions are used to produce a range of products and can occur at different rates (ACSSU187)

Students can investigate some of the chemical reactions and methods employed by Aboriginal and Torres Strait Islander Peoples to convert toxic plants into edible food products



Visit www.australiancurriculum.edu.au for all the Aboriginal and Torres Strait Islander Histories and Cultures Cross-curriculum priority elaborations in the Australian Curriculum: Science.