

## South Australian Aboriginal Contexts in Science Initiative resources

# Please note, as well as showcasing SA Aboriginal knowledges, where appropriate a diversity of Aboriginal and Torres Strait Islander Peoples knowledges and ways of knowing are incorporated into the teaching and learning resources

Year level Unit number	Science Unit name (hyperlinked to Edi page for PDF)	Unit Task number and page	Purpose	Nation(s) #
Y7 U3	<a href="#">Classification of Living things</a>	4a p12	What is the purpose of a classification system? Explore a Classification system based on the context and usage when naming and grouping organisms found on Country of the Narungga and Kurna Nations.	Narungga Kurna
Y7 U5	<a href="#">Cycles of the Sun, Moon and Earth</a>	4a p15	Exploring tides and lunar cycles. Is it a good day to use Narungga fishtraps or to go fishing for Blue Swimmer Crabs along the Kurna coast?	Narungga Kurna
Y7 U7	<a href="#">Forces and Simple Machines</a>	5a p14	How to throw objects far. Exploring the physics of spear-throwers acting as levers with the Kurna midla (spear-thrower)	Kurna
Y8 U3	<a href="#">Properties of Matter</a>	7c p19	Working scientifically making adhesive resins. Exploring the making of Kurna resin technologies.	Kurna
Y8 U5	<a href="#">Energy</a>	8a 8b 8c p22	Undertake an investigation to identify the most efficient technique to use for fire-starting and experience the effectiveness of energy transformation techniques developed by Aboriginal Peoples. Develop an appreciation of the importance of fire to Aboriginal societies including the Kurna Peoples and the sophisticated methods used to create it.	Kurna
Y8 U7	<a href="#">Rocks</a>	2b p7	Investigating the geology of Narungga stone tools	Narungga
Y9 U2	<a href="#">Interdependence and Ecosystems</a>	5a p16	Investigate the ecosystem of a culturally significant animal – the Gayinbara (butterfish) for the Narungga Peoples	Narungga
Y9 U6	<a href="#">Energy Transfer</a>	11, 12a, 12b, 12c p26	Investigating clothing and energy thermal transfer, exploring possum skin cloak technologies of Kurna Peoples.	Kurna
Y9 U7	<a href="#">Energy Waves</a>	7a, 7b p22	Develop an appreciation of how Aboriginal Peoples' knowledge of sound propagation through different mediums influences the design of technologies including sound instruments with examples of musical instruments from Kurna Peoples.	Kurna
Y10 U 7	<a href="#">Forces and Motion</a>	4a, 4b, 4c, 4d, 4e, 4f p13	Explore the laws of physics including the motion of objects in an investigation using the context of a midla (Kurna spear-thrower).	Kurna

