



Ghost Net Collective Education Overview Years 7 - 8

Yr 7 – 8	Strand Sub strand	Content Descriptors	Methodology		
Curriculum links ART SCIENCE	<ul style="list-style-type: none"> Science Understanding (SU) Science as a Human Endeavour (SHE) Science Understanding (SU) Science Inquiry Skills (SIS) 	Science and Visual Art content descriptors are mostly based on the F-10 Australian Curriculum Version 8	LOOK www.ghostnetcollective.com.au	DISCUSS/THINK www.ghostnetcollective.com.au	CREATE www.ghostnetcollective.com.au
Curriculum links			LOOK	DISCUSS/THINK	CREATE
ART Yr 7 – 8 ACAVAM118 ACAVAM119		<p>Experiment with visual arts conventions and techniques, including exploration of techniques used by Aboriginal and Torres Strait Islander artists, to represent a theme, concept or idea in their artwork</p> <p>Develop ways to enhance their intentions as artists through exploration of how artists use materials, techniques, technologies and processes</p>	Look around your local area and find out how how waste is affecting the lands, water ways and oceans.	<p>Discuss how ghost net art is bound by a response to ghost net as an environmental issue.</p> <p>Discuss how the use of ghost net is the message as well as the materials to create the artwork</p>	Create a recycled waste sculpture that reflects a natural element of your environment e.g a particular native tree made from soft drink cans
ACAVAM120		Develop planning skills for artmaking by exploring techniques and processes used by different artists	Visit Sea Museum and watch https://www.sea.museum/en/first-nations/ghost-nets-message-of-sustainability	What planning has gone into creating the giant mullet sculptures?	Document your research and planning for the recycled sculpture
ACAVAM121 ACAVAR123		<p>Practise techniques and processes to enhance representation of ideas in their artmaking</p> <p>Analyse how artists use visual conventions in artworks</p>	Visit Sea Museum and watch https://www.sea.museum/en/first-nations/ghost-nets-message-of-sustainability	Discuss when Jimmy Thaiday is talking about using the different net to create different aspects of the mullets	Experiment with your materials to create different effects or to get a sense of movement or structural features or repetition.
ACAVAM122		Present artwork demonstrating consideration of how the artwork is displayed to enhance the artist’s intention to an audience	Look at the poster on Art and compare and contrast the way Marion Gaemers work at Sculpture by the Sea is displayed compared to the Erub Arts Taba Naba at the Oceanographic Museum in Monaco www.ghostnetcollective.com.au	Discuss how the location and positioning of the work add meaning to the work.	Create a plan for exhibiting the recycled sculptures either individually or as a group.
ACAVAR124		Identify and connect specific features and purposes of visual artworks from contemporary and past times to explore viewpoints and enrich their artmaking,	Research traditional Torres Strait weaving such as fish scoops and baskets. Some examples are now in museums and are for display and not use.	Discuss how the purpose of these woven pieces change due to context and materials. Fish scoops have been replaced by modern	Try some traditional weaving with green palm fronds https://www.ghostnetcollective.com.au/downloads-shop-1



		starting with Australian artworks including those of Aboriginal and Torres Strait Islander Peoples		nets and the skills needed to make fish scoops are being employed to make ghost net art.	
SCIENCE Yr 7 ACSSU112	SU Biological sciences	Interactions between organisms, including the effects of human activities can be represented by food chains and food webs <ul style="list-style-type: none"> investigating Aboriginal and Torres Strait Islander Peoples' responses to the disruptive interactions of invasive species and their effect on important food webs that many communities are a part of, and depend on, for produce and medicine https://www.australiancurriculum.edu.au/f-10-curriculum/cross-curriculum-priorities/aboriginal-and-torres-strait-islander-histories-and-cultures/?organising-idea=A%20TSIC%2CA%20TSIC%2CA%20TSIP	Watch Giant Triton and Crown of Thorns Starfish (COTS) at Australian Institute of Marine Science (AIMS) https://www.youtube.com/watch?v=0s1SaHnjbKw	Discuss how the Crown of Thorns are affecting the Great Barrier Reef and how that could impact on food chains and food webs. Research how the Giant Triton snail became endangered. How did this impact on COTS?	Make Triton eggs using the Ghost Net Collective instructional sheets. https://www.ghostnetcollective.com.au/downloads-shop-1
ACSHE120	SHE Use and influence of science Tangaroa Blue 7 - 10 https://www.tangaroablue.org/resources/education-kit-and-fact-sheets/senior-units-s-ten-year/	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 <ul style="list-style-type: none"> Strait Islander Peoples and discussing related ethical considerations associated with bio-piracy and intellectual property rights https://www.australiancurriculum.edu.au/f-10-curriculum/cross-curriculum-priorities/aboriginal-and-torres-strait-islander-histories-and-cultures/?organising-idea=A%20TSIC%2CA%20TSIC%2CA%20TSIP	Watch Giant Triton and Crown of Thorns Starfish (COTS) at AIMS https://www.youtube.com/watch?v=0s1SaHnjbKw	How are scientists at AIMS trying to find solutions to the issue of COTS? In the past programs were run with divers injecting a poison into COTS. What are the problems associated with this? What are the current methods used? (Vinegar) What are the benefits of using vinegar?	Brainstorm ideas to reduce crown of thorns starfish to acceptable levels on the Great Barrier Reef. Create an infographic outlining the issues of an abundant crown of thorns population on the reef system.
ACSHE121	SHE Use and influence of science	Science understanding influences the development of practices in areas of human activity such as industry, agriculture and marine and terrestrial resource management	Watch The Australian Institute of Marine Science https://www.youtube.com/watch?v=HBvBQJaRkjs&t=68s	What role does AIMS play in our understanding the development of practices in areas of human activity such as industry and marine resource management. How is the health of our reef linked to various industries?	Choose an industry that impacts on our reef systems and create a power point presentation outlining those impacts and how science is helping to reduce those impacts.
ACSHE121	SHE Use and influence of science	People use science understanding and skills in their occupations and these have influenced the development of practices in areas of human activity <ul style="list-style-type: none"> investigating how the knowledge and experience of Aboriginal and Torres Strait Islander Peoples are being used to inform scientific decisions, such as the care of Country/Place https://www.australiancurriculum.edu.au/f-10-curriculum/cross-curriculum-priorities/aboriginal-and-torres-strait-islander-histories-and-cultures/?organising-idea=A%20TSIC%2CA%20TSIC%2CA%20TSIP	Watch Mapping Makarda: working with the Land and Sea Rangers of Groote Eylandt https://www.youtube.com/watch?v=Tda-regWCcs Watch Sharing Marine Monitoring in Bardi Jawi Sea Country. https://www.youtube.com/watch?v=TDa-regWCcs	Discuss how Indigenous Land and Sea Rangers are an important part of the scientific process. Why is it important to work with Aboriginal and Torres Strait Islander Peoples? What jobs can you see people doing and what work do you think these opportunities provide, such as boat drivers, translators, scientists, artists, videographers.	Find out who owns the country you are on and how they are caring for that country. Invite the traditional owners to talk about their area in terms of caring for country and their environmental concerns and possible solutions. e.g fire management



<p>AC SIS125</p>	<p>SIS Planning and conducting</p>	<p>Collaboratively and individually plan and conduct a range of investigation types, including fieldwork and experiments, ensuring safety and ethical guidelines are followed</p> <ul style="list-style-type: none"> • collaborating with Aboriginal and Torres Strait Islander Peoples in planning scientific investigations, and seeking guidance regarding culturally sensitive locations during fieldwork https://www.australiancurriculum.edu.au/f-10-curriculum/cross-curriculum-priorities/aboriginal-and-torres-strait-islander-histories-and-cultures/?organising-idea=A_TSICP%2CA_TSIC%2CA_TSIP • consulting with Aboriginal and Torres Strait Islander land councils in planning scientific investigations, and seeking guidance regarding land access rights https://www.australiancurriculum.edu.au/f-10-curriculum/cross-curriculum-priorities/aboriginal-and-torres-strait-islander-histories-and-cultures/?organising-idea=A_TSICP%2CA_TSIC%2CA_TSIP 	<p>Visit Tangaroa Blue for expanded Marine Debris Education Kit 7 -10 https://tangaroablue.org/education-kit/</p> <p>Watch and follow Lisa Blair Sails the World https://lisablairsailstheworld.com/</p>	<p>Find out who owns the country you are on and how they are caring for that country. Are they involved in data collection or any citizen science initiatives?</p> <p>Discuss citizen science and how that is being used across a range of scientific endeavours.</p>	<p>Organise a beach clean up</p> <ul style="list-style-type: none"> • What items would be the most abundant? • Compare 2 different beach locations • Does the abundance of litter vary with distance to the shoreline vs close to the water? • weigh and count rubbish. What is the breakdown of materials? e.g. plastic, glass, aluminium
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