



Unit at a glance

Senior Units: Years 7 - 10

Phase	Lesson	At a glance
ENGAGE	Lesson 1 What is marine debris?	To capture students' interest and provide an opportunity for students to explore where everyday items end up once thrown away; and understand marine debris and that it is a problem that affects everyone.
EXPLORE	Lesson 2 Plastic resin pellets	Students explore the smaller building blocks of the plastic items they use in daily life - micro plastics - and how these smaller pieces of marine debris are a big problem for marine life and humans.
	Lesson 3 River rubbish	Not all rubbish makes it into the rubbish bin. Students learn how rubbish makes its way to the ocean and explore relationships between local sources of rubbish and non-local sources of rubbish.
EXPLAIN	Lesson 4 A degrading experience	Students look at consumption habits and the complexity involved in the degradation of everyday items. Cause and effect are explored to explain positive future scenarios.
	Lesson 5 Plastic island	Students explain how marine debris knows no boundaries through ocean currents. Students learn what happens to the marine debris once it accumulates in gyres and why this is a problem.
ELABORATE	Lesson 6 Plastic in our food	Students look at the ocean as an ecosystem, the links between marine debris, the food chain and what this means for humans.
	Lesson 7 Beach clean-up activity	Hands-on activity where students get to apply and elaborate on their learning about the marine debris issue. A time for the school to link to the community beyond the classroom.
EVALUATE	Lesson 8 Sorting it out	Students reflect and discuss what they found on the beach and evaluate how this is related to daily life.
	Lesson 9 Combating marine debris	What does it mean to be sustainable? Students create a Source Reduction Plan and investigate ways to help make others aware of the marine debris issue.
CREATIVE EXPRESSIONS	Synthesising tasks Cross-curricular activity	Hands-on and fun. Students and teachers select a creative project to demonstrate their learning to share with the greater community.

