

## Geography Alive: Stage 3 (Years 5 & 6): Topic 2: A Diverse and Connected World

Lesson 3: Environmental Issue: Plastic Pollution in Bali, Indonesia		
<p><b>Content focus:</b></p> <p>In this lesson, students focus on an environmental issue within the context of a country and regional context. In this instance students focus on plastic pollution in Bali. In doing so, they investigate the causes of the pollution and strategies being used to address the problem.</p>	<p><b>Resources:</b></p> <ul style="list-style-type: none"> <li>• YouTube Video: <i>Marine plastic waste</i> [<a href="https://www.youtube.com/watch?v=31CdhLMV7Es">https://www.youtube.com/watch?v=31CdhLMV7Es</a>] Shocking footage showing a Bali ocean containing tonnes of plastic waste, showing the damage that humans are doing to the world's ocean.</li> <li>• YouTube Video: <i>Plastic Ocean</i>. Plastic [<a href="https://www.youtube.com/watch?v=iu_2NuK5O-E">https://www.youtube.com/watch?v=iu_2NuK5O-E</a>] - both a wonderful invention and a scourge on our planet. Over 300 million tons will be produced this year. Most are never recycled and remain on our land and in our seas for ever. The video shows the damage to all creatures who depend on the ocean for their food – from birds ... to us.</li> <li>• YouTube video: Watch: Bali's Kuta beach [<a href="https://www.youtube.com/watch?v=PRBfiQUyvwU">https://www.youtube.com/watch?v=PRBfiQUyvwU</a>] – Bali's Kuta beach is swamped by plastic waste. The video shows the devastating level of plastic pollution littered across the Kuta Beach in Bali, Indonesia, after a heavy rainstorm. In recent years, Bali has seen its plastic waste problem to grow rapidly.</li> <li>• YouTube video: <i>Assignment Asia: Plastic pollution threatens Bali's waters</i> [<a href="https://www.youtube.com/watch?v=IHCCgHOUNVg">https://www.youtube.com/watch?v=IHCCgHOUNVg</a>] – A British diver recently films underwater footage of plastic waste and garbage in the waters off the coast of Bali.</li> <li>• YouTube video: <i>Plastic in Paradise: Fighting Pollution In Bali</i> [<a href="https://www.youtube.com/watch?v=CwTeofig92">https://www.youtube.com/watch?v=CwTeofig92</a>]. Every year the island of Bali spills tens of thousands of tons of plastic garbage into its once-pristine waters. Through activism and a government-mandated plastic ban, the island's residents are fighting this growing pollution plight.</li> <li>• <a href="#">Resource Sheet 1: Plastic Pollution in Bali, Indonesia</a></li> <li>• Access to a computer or iPad and the internet</li> </ul>	
<p><b>Key inquiry questions:</b></p> <ul style="list-style-type: none"> <li>• What are the key environmental issues affecting Asian countries?</li> <li>• How is the issue of plastic pollution being addressed in Bali, Indonesia?</li> </ul>	<p><b>Outcomes:</b></p> <p><i>A student:</i></p> <ul style="list-style-type: none"> <li>• identifies and describes some of its key environmental issues affecting an Asian country</li> <li>• identifies and describes the impacts of plastic pollution on the marine environment.</li> </ul>	<p><b>Lesson sequence:</b></p> <ul style="list-style-type: none"> <li>• <b>Step 1:</b> Show students 3–4 of the YouTube videos listed above including <i>Plastic: Fighting Pollution in Bali</i>.</li> <li>• <b>Step 2:</b> Reinforce the content of the video clips with the material included in <b>Resource Sheet 1</b>. Questions for discussion:             <ul style="list-style-type: none"> <li>– What are the causes of plastic marine pollution in Bali?</li> <li>– What are the impacts of plastic pollution?</li> <li>– How is the problem being addressed?</li> </ul> </li> <li>• <b>Step 3:</b> As a class brainstorm strategies Balinese authorities could use to reduce the amount of plastic entering the marine environment.</li> <li>• <b>Step 4:</b> Using the Internet ask students to identify the Balinese words for 'Don't throw away plastic – put it in a bin'. Ask students to develop a poster-based campaign to promote the safe disposal of plastic to a Balinese audience. Display the best of the posters in the classroom.</li> </ul>