

**Educational Outreach Programme**  
**EarthEcho Water Challenge 2017 Schedule**

**Educational Programme Schedule**

<b>Date</b>	<b>Session/Class</b>	<b>Duration</b>
<b>26<sup>th</sup> May</b>	<b>Introductory Class</b> <ul style="list-style-type: none"> <li>- What is the Outreach Programme and its objectives?</li> <li>- Background of Matelot its physical boundaries and its different environments (river, coast, sea).</li> <li>- Show map of Matelot so students can understand the different environments and their interactions with one another.</li> </ul>	<b>1 hour</b>
<b>9<sup>th</sup> June</b>	<b>Presentation from WASA Adopt a River Project</b> <b>Land based pollution</b> <ul style="list-style-type: none"> <li>- Sources of pollution in Matelot</li> <li>- Impact on livelihoods</li> </ul>	<b>1 hour</b>
<b>30<sup>th</sup> June</b>	<b>The Coast an Coastal Erosion</b> <ul style="list-style-type: none"> <li>- What is the coast?</li> <li>- What is coastal erosion?</li> <li>- Causes of coastal erosion</li> <li>- Negative implications of coastal erosion</li> </ul> <p><i>Students should have a clearer idea of how wave environment influences the coastline and ways in which the community can prevent erosion.</i></p>	<b>1 hour</b>
	<b>END OF TERM</b>	
<b>15<sup>th</sup> September</b>	<b>River dynamics</b>	<b>1 hour</b>
<b>29<sup>th</sup> September</b>	<b>Beach dynamics</b>	<b>1 hour</b>
<b>13<sup>th</sup> October</b>	<b>Presentation from NGO</b> <ul style="list-style-type: none"> <li>- IAMovement climate change documentary viewing and Q and A session.</li> </ul>	<b>1 hour</b>
<b>27<sup>th</sup> October</b>	<b>Practical Session</b> <ul style="list-style-type: none"> <li>- Construct physical model of Matelot to demonstrate the proximity and interconnection between environments.</li> </ul>	<b>2 hours</b>
<b>10<sup>th</sup> November</b>	<b>Session /Presentation from NGO</b>	<b>1 hour</b>

	<ul style="list-style-type: none"> <li>- Historical background of Matelot and potential for agricultural, reforestation and tourist related.</li> <li>- Presentation from NGO Fondes Amandes</li> </ul>	
<b>24<sup>th</sup> November</b>	<p><b>Career plenary session</b></p> <ul style="list-style-type: none"> <li>- Coastal science, environmental management, business development, fishing, agribusiness.</li> </ul> <p><i>Students will explore the avenues they can pursue a career in coastal management.</i></p>	<b>1 hour</b>
<b>8<sup>th</sup> December</b>	<p><b>Programme Closing Event</b></p> <ul style="list-style-type: none"> <li>- Lessons learnt</li> <li>- Water quality results discussion</li> </ul>	<b>1 hour</b>

### EarthEcho Water Challenge Testing

<b>Date</b>	<b>Session</b>	<b>Duration</b>
26th May	<p><b>Introduction</b></p> <ul style="list-style-type: none"> <li>- How to use the EarthEcho water Challenge test kit and data entry into the EarthEcho database</li> </ul>	1 hour
9 <sup>th</sup> June	Water testing and data entry	<b>45 mins</b>
30 <sup>th</sup> June	Water testing and data entry	<b>45 mins</b>
14 <sup>th</sup> July	Water testing and data entry	<b>45 mins</b>
28 <sup>th</sup> July	Water testing and data entry	<b>45 mins</b>
11 <sup>th</sup> August	Water testing and data entry	<b>45 mins</b>
25 <sup>th</sup> August	Water testing and data entry	<b>45 mins</b>
15 <sup>th</sup> September	Water testing and data entry	<b>45 mins</b>
29 <sup>th</sup> September	Water testing and data entry	<b>45 mins</b>
13 <sup>th</sup> October	Water testing and data entry	<b>45 mins</b>
27 <sup>th</sup> October	Water testing and data entry	<b>45 mins</b>
10 <sup>th</sup> November	Water testing and data entry	<b>45 mins</b>
24 <sup>th</sup> November	Water testing and data entry	<b>45 mins</b>
8 <sup>th</sup> December	Water testing and data entry	<b>45 mins</b>

\*Testing will be done at five different sites in the Matelot River with 3 samples at each site.