

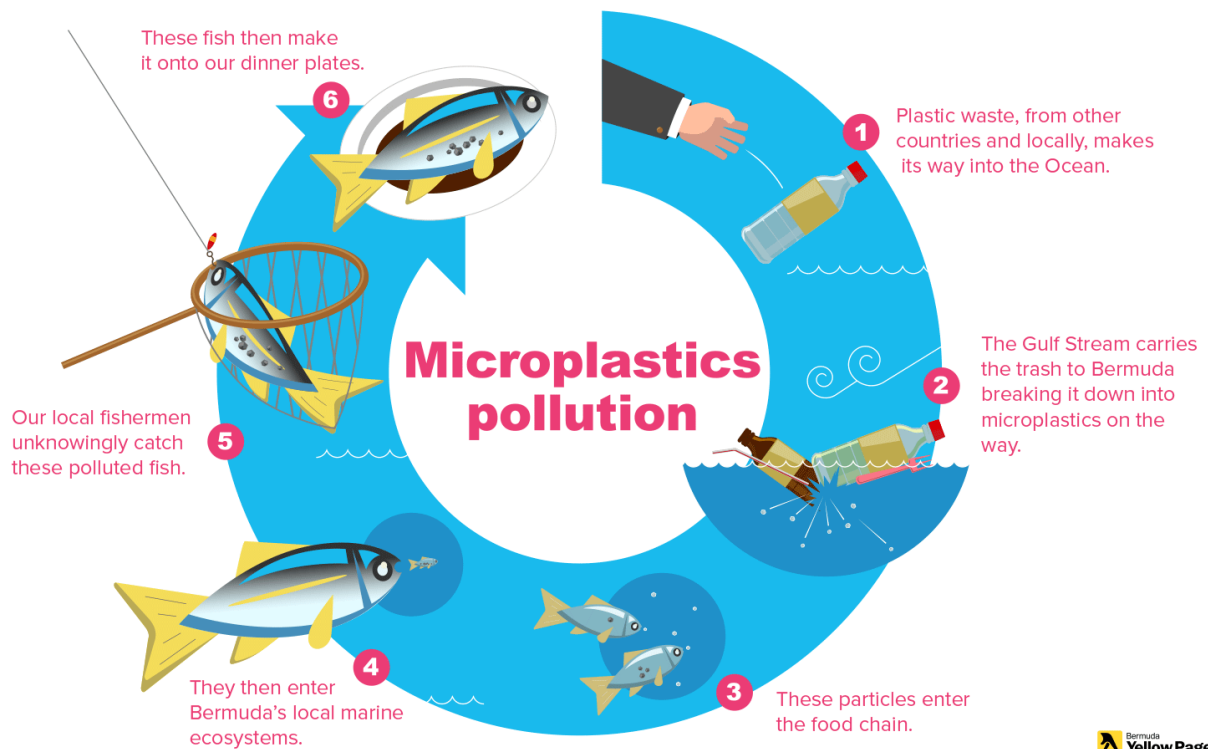


P4 – Habitat lesson 2

Expedition: Masterworks Artwork by	Science
Date: March 16 <sup>th</sup> , 17 <sup>th</sup> , 18 <sup>th</sup>	SEL Focus: Stewardship Importance of nature conservation
<p><b>Students will know:</b></p> <p><b>Threats to Bermuda’s natural environment</b></p> <p>Bermuda Habitats</p> <ol style="list-style-type: none"> <li>1. Pollution</li> <li>2. Deforestation</li> <li>3. Invasive species</li> <li>4. Climate change</li> <li>5. Overfishing</li> <li>6. Population growth</li> </ol> <p>Students will understand</p> <ol style="list-style-type: none"> <li>7. How human activities threaten the environment</li> <li>8. The importance of innovation in the fight to save the environment. Examples of ingenuity – renewable energy, Bermuda roofs for catching rainwater</li> <li>9. Bermuda’s environmental charities</li> </ol> <p><b>Consolidation – Make a poster for Earth Day, (see sample list below) or write about a Green invention or write about the Cahow and Nonsuch Island.</b></p>	
<p><b>Read aloud: “Bermuda’s Botanical Wonderland” by Christine Watlington</b></p>	
Activities Outline:	Activities: <ol style="list-style-type: none"> <li>1. Welcome to Masterworks</li> <li>2. SEE THINK WONDER</li> <li>3. Language + Vocabulary activities –            Favourites (fruits, birds)            Guessing</li> <li>4. Art activity</li> </ol>
Timings (approx)/ 9.30am / 1pm 9.35am /1.05pm  10.15am 1.45pm 10.45am / 2.15pm	
Prompts for the SEE THINK WONDER:	SEE - Students will look at the  THINK – Explore foreground and background. What does it remind you of? What does it look like? What has changed since this painting was created?  WONDER – Why did the artists choose  Key Vocabulary:

<p>Language Activity</p>	<p><b>1. Brainstorm round a word</b>  Choose an interesting environment word that the class raised during the See Think Wonder and ask the students to suggest all the words they associate with it. Write the word on the board with a line joining it to the original word, in a circle, so that you get a “sunray” effect. Highlight the orthography -tion and ask them to list as many other words they can that use that spelling.</p> <p><b>2. Invention: Modifying – a routine for generating new ideas</b>  Write two words on the board  Ball                                Book  Ball                                Phone  Ask the class to suggest any advantages n designing the second object like the first.</p>
<p>Background</p>	<p><b>Oral Close - Where am I?</b>  “Looking out to the south of the island from the old veranda, there is the most breath-taking view of the chain of the Castle Islands. When scanning the horizons through the old [     ] that is positioned on the veranda, you may be lucky enough to see the migration of the [     ], if you are there at the right time of year. The house, once home to yellow fever victims, is today used by visiting scientists and students. Committed to natural history, they come to study the many aspects of Bermuda’s wildlife and help with ongoing projects. Of great interest is the work concerning two birds. They come to the Islands to breed and they make their nests in the rockface.”</p> <p>Ask the students whether they know which two birds are being spoken of. (Longtail and Cahow).</p>

1. Avoid single use plastic and balloons
2. Choose reusable decorations, banners, tablecloths, napkins, dishes and cutlery
3. Provide recycling bins for tin, aluminum and glass (TAG)
4. Offer hydration stations and encourage guests to bring their own refillable water bottle
5. Provide healthy refreshments made from locally sourced ingredients, with minimal packaging
6. Have guests register for meals and bring home leftovers to avoid food waste
7. Opt for electronic invitations and advertising
8. Ensure that guests are informed of the event's recycling policy and sustainability practices
9. Following your event, consider donating your items so that they can be used again
10. Set up a donation jar for your favourite environmental charity



**See Think Wonder** can be done using numbers

1609 – shipwreck of Sea Venture

Bermuda is located 570 nautical miles due east of Cape Hatteras, North Carolina.

180 – Bermuda is a group of 180 islands

3 – the widest point of Bermuda is 3 miles wide, but the average is about one mile wide

The highest point of Bermuda 259

21 square miles

17 endemic species

### **Bermuda's 17 Endemic plants**

Bermuda Maidenhair Fern

St Andrew's Cross

Bermuda Cedar

Bermuda Cave Fern

Bermuda Palmetto

Bermuda Spike Rush

Bermuda Shield Fern

Bermuda Spike Rush

Bermuda Sedge

Wild Bermuda Pepper

Bermuda Trichostomum

Bermuda Campylopus

Bermuda Bean

Bermuda Olivewood

Bermuda Snowberry

Bermudiana