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## HOW CAN WE PROTECT MANGROVES?

**Objectives:** Students will learn about how people around the world are working together to conserve and protect mangroves, and how they can do their part to spread awareness of this precious ecosystem.



#### Purpose of this activity:

People need nature. But it would be unrealistic to expect people to appreciate nature if they cannot see it, feel it, and therefore understand it. Ask students to think about conducting an effective guided walk in a mangrove environment for a specific audience. First they would have to do some research and then design their walk. Through this activity they will learn more about mangroves by sharing with others!

### **Tips for using the Activity**

#### Step 1: Pick a mangrove site

Guiding Questions	<ul> <li>Do you know how to get to this mangrove site? What are the modes of transport people can take to get there?</li> <li>Is there information readily available for you to learn about the site? For example, throug books, photos, field guides, and mobile applications such as iNaturalist, SGBioAtlas, eBi</li> </ul>
- Tips	<ul> <li>Select a site nearest to your school and conduct this activity as a class project!</li> <li>Basic information about these sites can be found on NParks websites: <ul> <li>Admiralty Park:</li> <li>https://www.nparks.gov.sg/-/media/nparks-real-content/learning/learning-journeys/guided-walks/diy-guided-walks/roots-shoots-fruits/diy-trail-guide.pdf</li> <li>Berlayer Creek:</li> <li>https://www.nparks.gov.sg/-/media/nparks-real-content/gardens-parks-and-nature/diy-walk/diy-walk-pdf-files/labradornaturecoastalwalkfinal.ashx</li> <li>Pasir Ris Park:</li> <li>https://www.nparks.gov.sg/gardens-parks-and-nature/parks-and-nature-reserves/pasir-ris-park</li> <li>Chek Jawa Wetlands, Pulau Ubin:</li> <li>https://www.nparks.gov.sg/gardens-parks-and-nature/parks-and-nature-reserves/pulau-ubin-and-chek-jawa</li> <li>Sungei Buloh Wetland Reserve:</li> <li>https://www.nparks.gov.sg/gardens-parks-and-nature/parks-and-nature-reserves/sungei-buloh-wetland-reserve</li> </ul> </li> </ul>

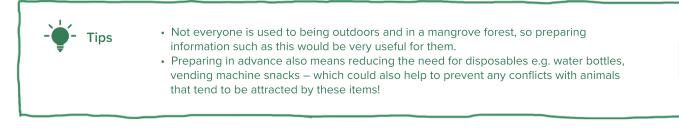
#### Step 2: Map your route



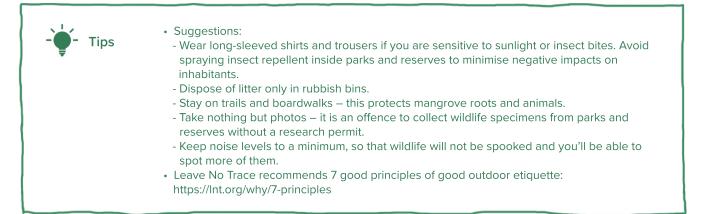
#### Step 3: Conduct research on stories to share

- F Tips	<ul> <li>The best guided walks are filled with personal stories. Don't forget to include your firsthand sightings and experiences as stories to share!</li> </ul>
	• Number your points, so that you can plot them on your map in Step 2 if possible.
	<ul> <li>For reference, an example of a wonderful community-created Padlet about Sungei Buloh Wetland Reserve by the Friends of Buloh:</li> </ul>
	https://padlet.com/azmimohamed/sungei-buloh-wetland-reserve-cyw79tfwwm6e8b4a

#### Step 4: Finalise details of your walk



#### Step 5: Trail etiquette



A great way to learn to be a good nature guide is to join a nature walk! There are numerous opportunities to learn about and see mangroves in Singapore with a guide. Check out these local community groups and organisations that run mangrove walks:

- 1. Naked Hermit Crabs: https://nakedhermitcrabs.blogspot.com
- 2. Restore Ubin Mangroves Initiative (R.U.M. Initiative): https://rum-initiative.blogspot.com
- 3. Nature Society (Singapore): https://www.nss.org.sg
- 4. Lee Kong Chian Natural History Museum: https://lkcnhm.nus.edu.sg
- 5. NUS Toddycats: https://toddycats.wordpress.com
- 6. Cicada Tree Eco-Place: https://www.facebook.com/cicadatreeecoplace
- 7. Young Nautilus: https://youngnautilus.com
- 8. Nature Adventures SG: https://natureadventures.sg