



MIDDLE SCHOOL SELF GUIDED TOUR

Welcome to the Conservatory of Flowers!

Please complete the following activities. Each one should take approximately 20 minutes. Make sure to save 10-15 minutes to check out the special exhibit and any other areas you may have missed.

Remember to respect other guests at the Conservatory and keep the plants safe. Please do not touch any of the plants.

Name _____

Date _____

Teacher _____

Period _____

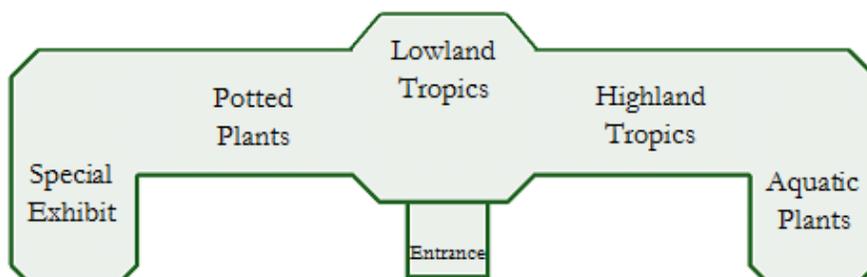
Part One: History Scavenger Hunt

Instructions: Find each plant or event listed below in the Conservatory's entrance and Lowland Tropics Galleries. Read the signs about the plant or event, and fill in the missing information in the timeline.

	1000	1200	1400	1600	1800	2000
Year	1000	1500s				
Event	Coffee first domesticated	Cocoa brought to Europe		Conservatories become popular		My field trip to the C.O.F.
Fun Fact	It grows in the shade					
Latin Name						

Hint: A species' latin name is usually two words. For example, humans are known as *Homo sapiens*.

Last, list one additional event from the informational sign in the entrance room, and explain its historical significance:



Part Two: Rare Plant Ecology

1. What roles do plants play in ecosystems?

2. Pick one of the following plants. All of these plants are considered to be threatened, endangered, or rare in their natural habitats.
 - a. Tortoise Plant, *Dioscorea macrostachya*
Located in the Potted Plants Gallery
 - b. Pitcher Plant, *Nepenthes species and subspecies*
Located in the Aquatics Gallery
 - c. Giant Dioon/Cycad, *Dioon spinulosum*
Located in the Lowland Tropics Gallery

3. Sketch the plant of your choice.



4. What other plants and animals do you think would share this plants' habitat? Draw and label at least three other organisms in the picture above.

5. What do you think the ecological impact in the habitat you drew would be if the plant you chose went extinct?

6. List three human activities that affect plants' ability to survive in the wild.
 - 1.
 - 2.
 - 3.

7. List three things humans can do to help these plants make a comeback.
 - 1.
 - 2.
 - 3.