

Plant Part Palooza Teacher Information Sheet

Part 1 – At School

Lesson Time: 60 minutes

Classroom Set-Up: Six tables or groups of desks will be needed for this station lesson.

What to Expect: The instructor will review what the students know about plants, their parts, and their functions. Then, the students will be divided into six groups and rotate through six different plant stations. Each student will be given a journal and asked to write down their observations about each station. The goal for each group is to use their scientific observation skills to inspect each plant station. Once all of the stations have been visited, the students will share their answers and observations about what they saw. The instructor will point out the various plant parts and how they function.

Part 2 – Field Trip at Garden

Lesson Time: 120 minutes

Before Your Arrival: Students should wear name tags, be pre-divided into groups with chaperones, and be dressed for the weather.

What to Expect: The first thirty minutes will be spent inside playing a plant part riddle game, learning a plant part song, and planting a radish seed to bring home. The instructor will then take their group through the entire Missouri Botanical Garden. The students will have a chance to use their senses to explore plants and their parts in the different areas of the garden. The students will spend about an hour and thirty minutes outside for this part.

Part 3 – At School

Lesson Time: 60 minutes

Classroom Set-Up: Two tables or groups of desks will be needed for craft supplies.

What to Expect: The instructor will review with the students what plants and plant parts they saw at the garden. Then, the students will be asked to work in groups to create their own plant. The groups will create a plan that must have the following: three of the six major plant parts, one of which must be edible, describe how that particular edible plant part tastes, tell where the new plant lives, and give the new plant a name. Once the plan is approved, the groups will work together to create their plant out of various craft supplies. Once all of the plants have been created, the students will share their new creations with their classmates through a presentation.

Cost

\$100 for a class (up to thirty students), plus \$3 supply fee for each student.

If your school would like to book for more than one class, each additional class (presentation) will cost an additional \$30, plus \$3 supply fee for each student.

Example:

Mrs. Jones and Mr. Smith want to book the class. Mrs. Jones has 22 students and Mr. Smith has 27 students. The total cost for this program would be:

	\$100 (first presentation)
	\$30 (additional presentation)
	\$66 (supply fee for Mrs. Jones)
+	\$81 (supply fee for Mr. Smith)
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	\$277 for entire program

Please Note: Transportation to the Garden and related costs are the responsibility of the school.