

Pan's Garden – Grade 8

To Be Completed at School BEFORE Field Trip

Have students complete the [Pre-Survey](#). Scan and email completed student surveys to Susan Lerner at slerner@palmbeachpreservation.org.

ENGAGE (Pre-Visit - at school): Read and discuss [The Discovery of Photosynthesis: An Indoor Activity for Student Gardeners](#) to stimulate discussion on how plants grow.

Ask: [Questions for discussion below]

- What foods help you grow? What do plants need to grow?
- What else do plants need to grow? Do they need soil? (not necessarily) water? (yes)
- Which experiment did you like the best? Why?
- How do scientists learn from and build on previous knowledge?

Take note of prior knowledge and misconceptions.