

Lesson Plan: Can you name the plants around us?

Standards:

7.L2U1.12 Construct an explanation for how some plant cells convert light energy into food energy.

Objective

Day 1: Students will identify a native plant from Tucson by using the *iNaturalist app*. Students will then be asked to draw the plant and explain how it goes through photosynthesis on construction paper. Students will also use the *iNaturalist app* to explain where this plant can be found aside from Tucson, AZ.

Note: Students have already learned about photosynthesis prior to this activity. They will use their knowledge to apply what they have learned to the native plant they identified

Purpose:

Day 1- Students will learn to recognize the native plants around them. Students will be asked to download and create an account on their phone so they can use the *iNaturalist app*. Students will apply what they already know about photosynthesis to explain how photosynthesis happens with the plant they selected. Students will then draw the plant and use the *iNaturalist app* so they can explain where this plant can be found around the world..

Note: Most students have phones in my school and students already use their phones for lab calculations or for checking their grades with permission, of course. Students will be asked to download the iNaturalist app on their phone and create an account.

Materials:

- Per group- not a group activity, an individual activity
- Per classroom-construction paper, colored pencils or crayons, iNaturalist app