



# TRUCKEE MEADOWS PARKS FOUNDATION

AWARENESS • APPRECIATION • STEWARDSHIP

*The Student Stewards Program presents*

## **Distance Learning Week 5 - Plants**

(3rd-5th)

This scientific journal belongs to: \_\_\_\_\_

### Tree ID

Watch the TMPF Tree Identification video using the QR code.

*The Tree ID Video is also available in Spanish:*

<https://www.youtube.com/watch?v=G1-cWRLPJdY>



Now that you know how to identify trees, let's put your skills to the test! Using the Tree Identification Keys, draw and identify needle bundles from 3 different coniferous trees.



Coniferous  
Tree ID Key



Deciduous  
Tree ID Key



Example:



Tree ID: Western White Pine.

Bundle 1:

Tree ID: \_\_\_\_\_

Bundle 2:

Tree ID: \_\_\_\_\_

Bundle 3:

Tree ID: \_\_\_\_\_

# Seedy Scavenger Hunt

Seeds can come in all shapes and sizes. Some seeds are hidden in fruit and spread by animals. Other seeds are built to fly through the air. Go outside and try to find four different seeds. Draw each seed in a magnifying glass below. What type of tree do you think your seed came from? Can you find the tree?



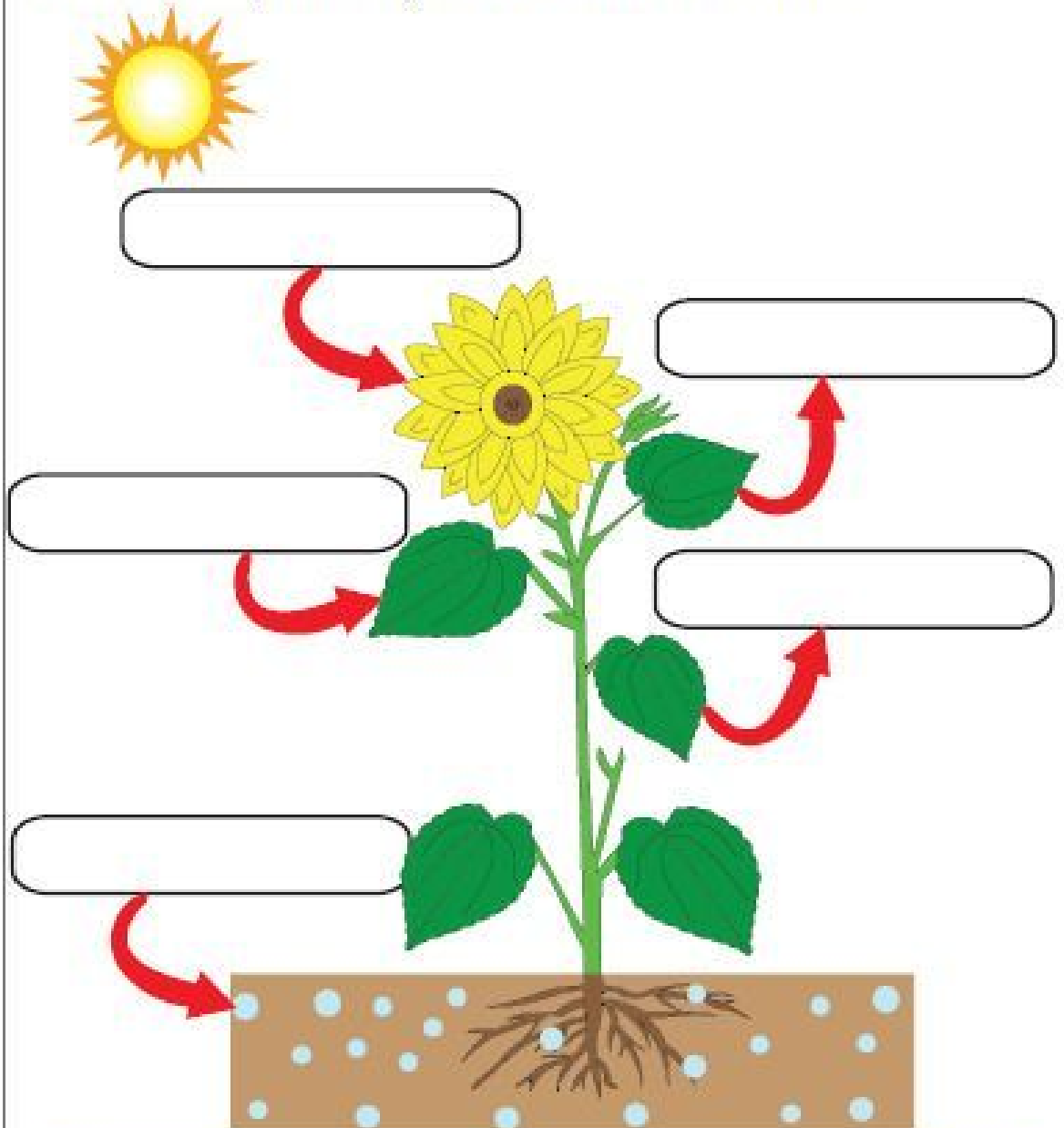
Look closely. What are some special characteristics you notice about your seeds? Is it a snack for any animals? Does it have a hard shell for protection? Is it small and light for traveling through the air? Write some describing factors next to the magnifying glasses.

# Photosynthesis

Photosynthesis is how plants make food. Plants use energy from the sun, carbon dioxide, and water to make carbohydrates (starch which they use for food) and oxygen (which they release). Label the picture below with the things plants need to complete photosynthesis.

## Photosynthesis Process Diagram

Label the photosynthesis diagram with words from the word box.



Oxygen

Sunlight

Water

Starch

Carbon dioxide

# Tree Habitat

Draw a healthy habitat for your favorite tree or plant. Don't forget to include everything your plant needs to survive and make food!



In the picture below, color the coniferous trees dark green and the deciduous trees a color of your choice. If you can't remember the difference between coniferous and deciduous trees, go back to the Tree ID video (4:50). Don't forget to color in the rest of the picture!

