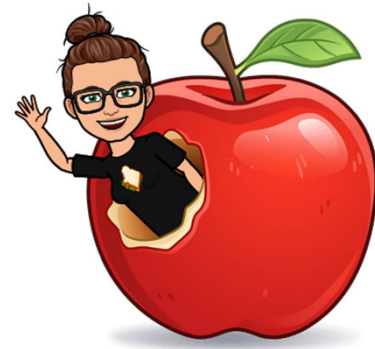


Oregon Grown

Klamath County Extension

With Mrs. Paolina!



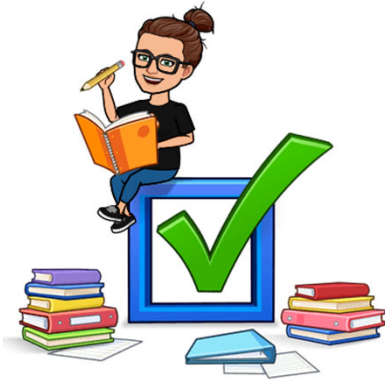
INTRO SLIDE

Hello Students! Welcome to the Oregon Grown classroom with Mrs. Paolina where we learn all about Oregon grown foods and healthy ways we can eat them!

***TEACHER NOTE:

Length: 3 minutes and 56 seconds without pauses for the activity and discussion. Total of approximately 15 - 20 minutes with activity and discussion pauses. This lesson is already extended due to the journaling of observations for the experiment. You can set your own pace to have student journal as often and as many times as you see fit.

Mini Lesson



Book: From Eye to Potato

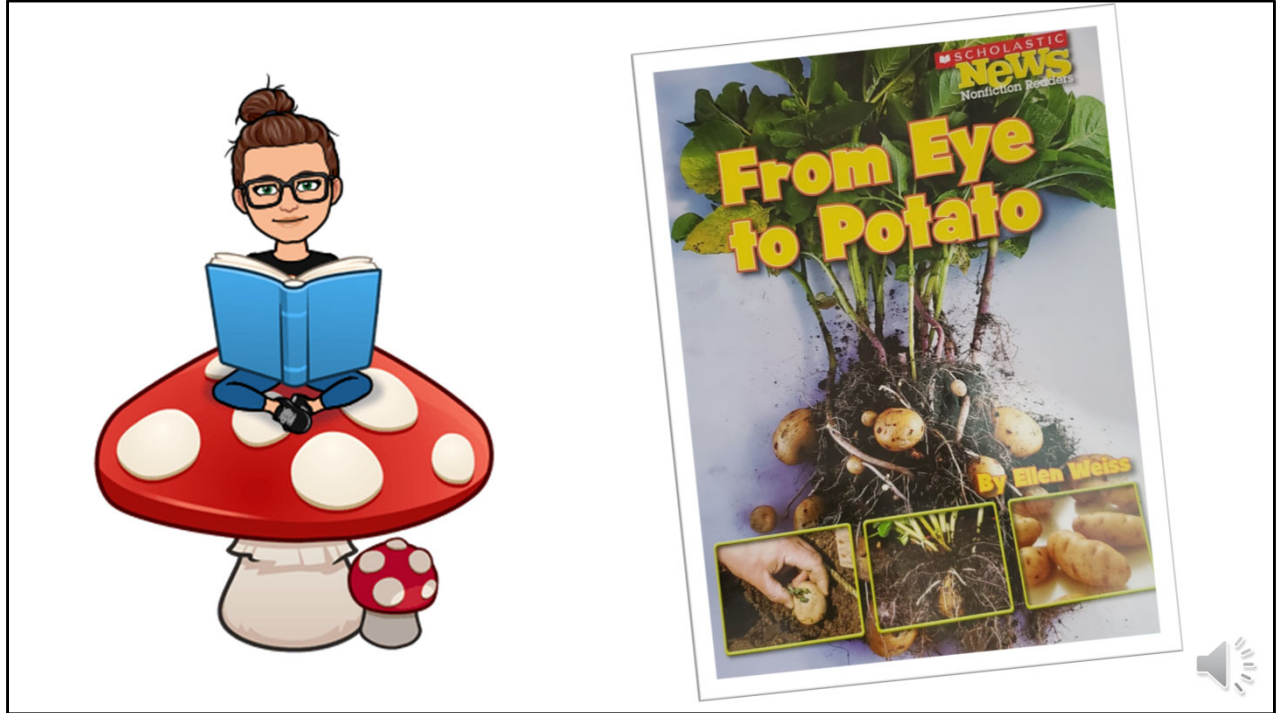


Vocabulary words



OVERVIEW PAGE

Today's mini lesson is all about discovering different ways plants can grow! First, we get to hear about a book, "From Eye to Potato". Then, we are going to learn some new vocabulary words. Are you ready?!



BOOK INTRO/DISCUSSION PAGE

Here it is: “From Eye to Potato” by Ellen Weiss. This is a fantastic book I like to share with all of my students. Have you read this book? If not, Let’s stop here and read it! If you have already read this book, lets keep learning!

*****TEACHERS NOTE:** You can check this book and/or lesson kit out by contacting your Klamath County’s extension office’s SNAP-Ed program. The books can be delivered with or without your classroom kit prior to the lesson date. An OSU educator will set up a time to pick up the book and/or lesson kit after the lesson date. Please pause here to read the book to students. If you have already read the book, move on to the next slide for discussion.



What a great book! Who knew potatoes could be so cool? Did you see how potatoes can grow new plants from eyes that form on the potato's skin. Sometimes the eye sprouts on the whole potato like this! These potatoes are no longer good to eat but they are good for what? Yes! Planting! These are called seed potatoes! Once the potatoes grow eyes, they are cut up and stored to be planted later.

As you know, most plants grow from seeds but many can also be grown from bulbs, tubers or stem cuttings. This is called Vegetative propagation! Our first vocabulary word! Vegetative propagation means when plants grow from bulbs (like garlic and onions), tubers (like potatoes!) or stem cuttings (rose bushes). Not from seeds.



What other plants can you think of that can perform propagation? I'll give you a minute to guess.

*****Teacher note:** Stop here and allow students to guess. Up next I will show more examples of propagation.

Great job guessing! There are several plants that can perform propagation. We know about the potato. Strawberries propagate new plants when the main plant is done giving fruit. Garlic and onions, even stems you cut from a rose bush can grow a new plant from that single stem! WOW, plants are awesome.

Regeneration: Plants have the ability to regrow lost or damaged body parts.

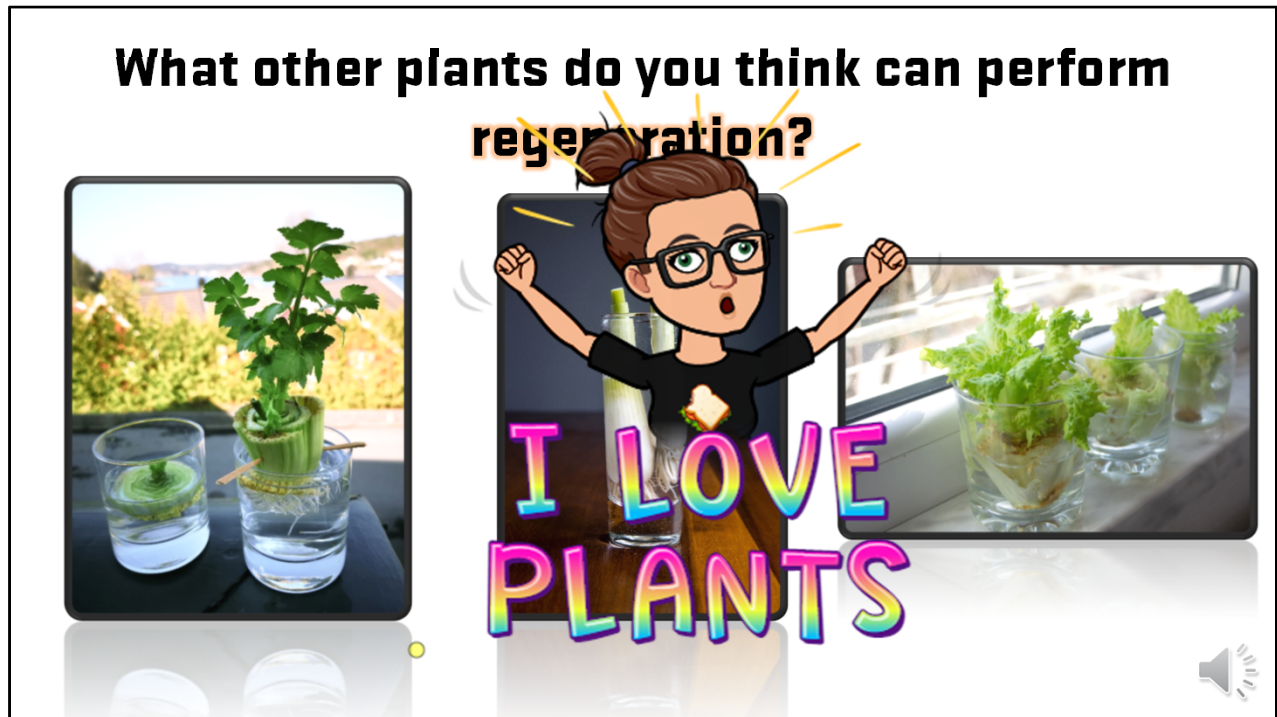


STUMP



Our next vocabulary word is regeneration! The word regeneration means: plants have the ability to regrow lost or damaged body parts. For example, after a tree is cut down, there is only a stump. Over time, shoots often grow from the stump! With water from nature and food from the soil, the tree will eventually grow into a new, healthy tree.

*****Teacher note:** Please stop here if you would like to discuss the definition of regeneration further.



What other plants can you think of that can perform regeneration? I'll give you a minute to guess.

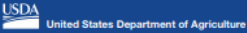

*****Teacher note:** Stop here and allow students to guess. Up next I will show more example of regeneration.

Great guesses! There are several plants that can regenerate from lost or damaged parts. There is celery. You can use the bottom end that is cut off when preparing it. Green onions, you use the small white ends with the little roots that are cut off. There is even lettuce. Instead of throwing the bottom of the lettuce head away after you cut them, throw them in some water and see if they grow! I love plants! Don't you?

See you next time!



Well students, that was our lesson for the day. Thank you for learning with me in our online Oregon Grown classroom. See you next time!

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Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410; or

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(833) 256-1665 or (202) 690-7442;

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Form AD-475-S SNAP and FDIR Poster/ Revised September 2019

Alfche del Formulario AD-475-S SNAP y FDIR / Revisado Septiembre 2019

*****TEACHER NOTE:** If program delivered in a non-school setting, you must read the script below

Oregon State University's Klamath County Extension Service would like to take a moment to share with you the And Justice For All poster, something we display when we are teaching. It provides non-discrimination information stating that our institution is prohibited from discriminating in accordance with civil rights regulations and policies. For more information see this link -> <https://www.fns.usda.gov/cr/and-justice-all-posters-guidance-and-translations>

This program is partially funded USDA's Supplemental Nutrition Assistance Program.

Credits Slide (1 of 1)



Oregon State University
Extension Service



Project funded, in part, by Oregon Department of Ed Farm to School & School Garden Grant

This material was funded by USDA's Supplemental Nutrition Assistance Program - SNAP. For information on nutrition assistance through Oregon SNAP, contact Oregon SafeNet at 211. USDA is an equal opportunity provider and employer. Oregon State University, Oregon State University Extension Service is an Equal Opportunity Provider and Employer.

Photos Source: Photos Source: FoodHero.org & purchased from Shutterstock, Inc. Empire State Building 350 fifth avenue, 21st Floor New York, NY 10118 (invoice available per request)

Farmer fun facts by: <https://oregonfb.org/2018agweek/> & <https://www.oregon.gov/ode/students-and-family/childnutrition/F2S/Pages/OregonHarvestforSchools.aspx>

Activity Source: Oregon Agriculture in the Classroom Foundation



Oregon Agriculture in the
Classroom Foundation

