



# **Restoring Connections**

Spring 2020

Environmental Leadership Program

University of Oregon

The background features abstract organic shapes in teal, orange, and yellow. A teal shape is in the top left, an orange shape is in the top right, and a yellow shape is at the bottom. A small yellow triangle is on the left, and three teal triangles are stacked vertically on the right. A grey horizontal bar is at the bottom.

# 5th Grade Lesson 5

Garrett Reagan  
Zoe O'Toole



# Oak Savanna Jeopardy



TIM GRAUDIER - [WWW.BEAUTIFULOREGON.COM](http://WWW.BEAUTIFULOREGON.COM)

# Materials For Today

- Paper
- Pencil



# Meet the Teachers



**Laxayam! Our names are Garrett and Zoe.**



# Introduction to the Day

- Sit Spot check-in
- Jeopardy Game
- Ecochallenge

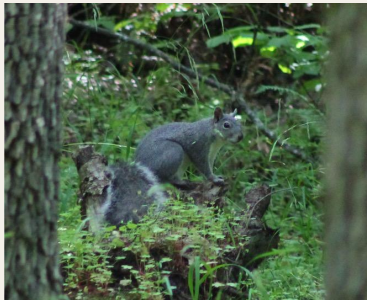
# Mt. Pisgah Updates



Photos by Garrett Reagan

# Sit-Spot Journal check-in

- How are sit spot journals going?
- What was the process like for you?
- Where is your spot for observation?
- What were the things that stood out to you during your sit spot?
- What did you notice that you wouldn't normally notice?





# Oak Savanna



- There are 3 different categories with 4 questions each.
- There is a 100, 200, 300, and 400 point question for each category.
- We will ask the question, give you all adequate time to answer and then display the correct answer.
- Reward yourself the amount of points that corresponds to the question, if you get the answer correct.
- You will all be responsible for keeping track of your own points.
- Be honest!

# Category 1: People in the Oak Savanna



# People in the Oak Savanna Question 1

Seasonal Rounds are:

- a) A method of setting prescribed fires in oak savanna.
- b) A method that divides one year into twelve sections, and each section has traditions and activities associated with that time of year.
- c) The practice of planting in the spring and harvest in the fall.

# 100 Points

b) A method that divides one year into twelve sections, and each section has traditions and activities associated with that time of year



<http://www.ankn.uaf.edu/curriculum/Athabasca/Ob-servingSnow/fourcorners.html>

# People in the Oak Savanna Question 2

Name 3 ways the Kalapuya work with the Oak Savanna ecosystem.



<https://www.minnpost.com/mnopedia/2017/09/disappearing-ecosystem-minnesota-oak-savannas/>

# 200 Points

1. Prescribed fire
2. Harvesting plants such as camas and acorns
3. Hunting animals like black-tailed deer



Matthew Nenniger - The Nature of Portland 2012

<http://thenatureofportland.blogspot.com/2012/05/spring-blooms-at-camassia-natural-area.html>



<https://earthsky.org/earth/mast-year-synchronized-seeds-trees>

## People in the Oak Savanna Question 3

The Kalapuya are the Indigenous Peoples of the Willamette Valley, what federally recognized tribe are the Kalapuya a part of today?

- a) The Confederated Tribes of the Grande Ronde
- b) The Confederated Tribes of the Warm Springs
- c) The Confederated Tribes of the Siletz
- d) The Confederated Tribes of the Umatilla

Image from Facebook

# 300 Points

a) The Confederated Tribes of the Grande Ronde



[https://www.bestplaces.net/city/oregon/grand\\_ronde](https://www.bestplaces.net/city/oregon/grand_ronde)



<https://libraryguides.laneccc.edu/kalapuy>



# Category 2: Fire



## **Fire Question 1**

What is the Chinuk Wawa word for 'fire'?

- a) Paya
- b) Antiyel
- c) Samen
- d) Lakamas

# 100 Points

a) Paya



<https://oaksavannas.org/>

## Fire Question 2

What two plant species are the focus of Kalapuya seasonal burning?

- a) Swordfern and Osoberry
- b) Camas and Douglas fir
- c) Oregon White Oak and Camas
- d) Incense Cedar and Poison Oak

# 200 Points

## C) Oregon White Oak and Camas



<https://conservationdistrict.org/2017/do-you-have-oregon-white-oak-trees-on-your-property.html>



<https://northwestmeadows.com/products/common-camas-camassia-quamash>

## Fire Question 3

Name 3 benefits of using fire regimes on the Oak Savanna.



## **300 Points**

- 1) Fire regimes maintain understory brush
- 2) Allow species like camas and acorns to thrive
- 3) Reduce the risk of large catastrophic fires
- 4) Increase biodiversity of ecosystems
- 5) Makes for easier for hunting of species like black tailed deer
- 6) Healthy/reciprocal relationship with the land

# Category 3: Plants and Animals





# Plants and Animals Question 1

The bulb of this plant is edible and is typically harvested by the Kalapuya people in July and August. This plant is...

- a) Camas
- b) Snowberry
- c) Trailing Blackberry
- d) Oregon Grape

**100 Points**

a) Camas



<https://northwestmeadowscapes.com/products/common-camas-camassia-quamash>

## Plants and Animals Question 2

This reptile has scaly brown skin, hibernates in the winter, eats many different insects, and has a blue belly! This animal is...

- a) Garter Snake
- b) Fence Lizard
- c) Painted Turtle
- d) Pacific Tree Frog

# 200 Points

## b) Fence Lizard



<http://www.californiaherps.com/lizards/pages/s.o.bocourtii.html>

[https://en.wikipedia.org/wiki/Eastern\\_fence\\_lizard](https://en.wikipedia.org/wiki/Eastern_fence_lizard)

## Plants and Animals Question 3

Which of the following animals is considered an 'apex predator'?

- a) Bullocks Oriole
- b) Western Grey Squirrel
- c) Townsends Big-eared Bat
- d) Cougar

# 300 Points

## d) Cougar



<https://www.outsideonline.com/2402922/mountain-lion-heavy-metal-music>

**Bonus Round:**  
**Mt. Pisgah**

# Bonus Round Question 1

Name 5 of the 6 ecosystems at Mt. Pisgah





# 500 Points

1. Incense Cedar
2. Oak Woodland
3. Douglas Fir
4. Prairie
5. Wetland
6. Oak Savanna



<https://www.thoughtco.com/what-is-forest-ecosystem-and-biodiversity-1342815>



<https://www.britannica.com/plant/Douglas-fir>



<https://www.nps.gov/miss/learn/nature/prairestoaks.htm>

Now add up your total!



# **FINAL ECO-CHALLENGE**

# MAIN IDEA

Your summer eco challenge is to keep a nature journal!

- Each month will have a theme
- Each week will have a sub theme
- You can use a journal you already have or you can make your own out of recycled materials!



# JUNE: Observations & Senses

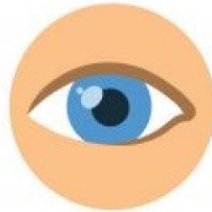
Week 1: Sight

Week 2: Hearing

Week 3: Smell

Week 4: Touch

## 5 Senses



**Sight**



**Hearing**



**Touch**



**Smell**



**Taste**

# JULY: Scientific Skills

Focus on what you can do as a scientist to learn more about your environment and build your student skills.

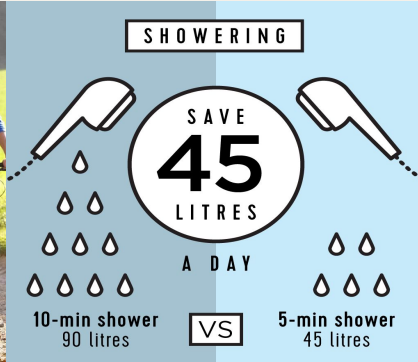
- Week 1: Collecting A Leaf Exhibit
- Week 2: Write a Story
- Week 3: Reading Outdoors
- Week 4: Research



# AUGUST: Action

Each week, tell us something you do or can start doing to be a better environmental protector. Are you pulling invasive weeds? Taking shorter showers?

- Week 1: Walk/Bike
- Week 2: H2O
- Week 3: Save some Electricity!
- Week 4: Recycle!



Thank you so much for participating in the Restoring Connections program for the last 6 years. Even though we weren't able to physically be at Mt. Pisgah this year, we still really appreciate this experience you have all been able to provide us. We have learned just as much from you as you have from us.

And remember: when in doubt, sit spot it out!



# Thank you to our Community Partners!



*Here for Oregon. Here for Good.*





Alqi from the Restoring  
Connections Team!

