



## Nature Programs at the Brookwood Library

### Decomposers, January 23

Did you know that the F.B.I. are at work cleaning up our forests and natural areas every day? Learn about the fungi, bacteria, and invertebrates that recycle the leaves and other natural things that fall. Meet some worms who help build our soil and take a walk to look for the F.B.I. in action. Dress for the weather.

### Spring Walk, February 27

Come and explore the Dawson Creek area around the library. What signs of spring are there to see? Birds, mammals, insects and plants are all more active as warmer weather approaches. Let's check out the action! Dress for the weather.

### Skulls and Bones, March 20

Animal skulls tell us many things about creatures and how they once survived in their natural environment. Check out some skulls and learn the stories they tell about the creatures they came from. Walk outside to look for bones or other clues animals leave behind.



### Birds, April 17

This time of year our fantastic feathered friends are putting on a show in nearly every tree, bush, or meadow. Come learn about some of the amazing adaptations that help them be successful as they travel, set up house and raise their families. Look at some scientific specimens and go outside to see what birds are making their home near the library.



### Incredible Insects, May 15

Insects are everywhere! There are more insects than any other creature on earth. Learn about the wonderful variety of insects that feed so many of the bigger creatures around us and then go on an insect hunt around the library.

Register online at <http://bit.ly/HillsboroLibraryEvents> or call 503-616-6500 to get help. Space is limited. Dress for the weather as we explore outdoors.

Grades 1 – 3  
Brookwood Library Story Room  
*Jackson Bottom Staff*

Mon 3:30 – 4:15 pm

Free; space limited to 20 pre-registered children

## Nature Book Club at the Brookwood Library

Join Jackson Bottom Wetlands Preserve staff and other book enthusiasts for a group discussion of books based on nature and the environment. Explore Scotland, Hawaii, and the Redwoods of Northern California through this year's book selections.

Sign up for one session or all three. Free copies of all three books are available at the Main Hillsboro Library to registered participants thanks to the Friends of the Library group.

Register online at  
<http://bit.ly/HillsboroLibraryEvents>  
or call 503-616-6500 to get help.  
Space is limited.

### 1/26 Wild Wings by Gil Lewis

Follow the migration of osprey from Scotland to Africa and discuss challenges that impact the nests and habitats of these magnificent wild birds.

### 2/23 Night of the Howling Dogs by Graham Salisbury

Explore survival topics in this tale of a group camping in a remote area on the island of Hawaii when a natural disaster strikes.

### 3/23 Operation Redwood by S. Terrell French

Learn about threats to our old growth forests and examine how far we might go to protect them in this story about a group of kids who band together to save a Redwood Grove in California.

Grades 6 – 8  
Brookwood Library Multipurpose Room  
*Instructor: Jackson Bottom Staff*

4th Thu of each Month 6:30 – 7:30 pm

Free; space limited to 10 pre-registered children



**Garden Locations**

- Calvary garden  
937 Jackson School Road
- David Hill garden  
440 SE Oak Street
- Orenco garden  
6420 NW Oelrich Road
- Sonrise garden  
6701 NE Campus Way

**Garden Plots & Fees**

- Raised Beds .....\$30
- 10' x 20' .....\$40
- 15' x 20' .....\$50
- 20' x 20' .....\$60

Contact Heather Peterson,  
Garden Coordinator

Heather.Peterson@hillsboro-oregon.gov • 503-681-5374

[www.Hillsboro-Oregon.gov/CommunityGardens](http://www.Hillsboro-Oregon.gov/CommunityGardens)

# Grow your own organic veggies, herbs & flowers!



 Join the

## HILLSBORO Community GARDENS!



### Nature Classes at Jackson Bottom Wetlands Preserve

Nature Classes are designed for adults and teens who attend with an adult, unless otherwise noted. Nature Program Supervisor, Steve Engel, draws on over 35 years as a naturalist and educator. Local instructors John Rakestraw, Alice Hill, Laura Whittemore and Ron Spendal are all well respected in their fields.

#### Winter Twig Identification

When the leaves are missing, what can you rely on to identify our common deciduous trees and shrubs? Learn the characteristics of twigs, bark and fruit that distinguish salmonberry from ocean spray and alder from ash. This class begins indoors and then ventures outside where you can put your new-found knowledge to the test – in a fun way!



12 years – Adult  
Jackson Bottom Wetlands Education Center  
Steve Engel

53292 Sat 1/7 1 – 4 pm

Free, pre-registration required

#### PNW Geology I, II, III

Pacific Northwest geology is unique and fascinating. Nowhere else can you find the diversity of landscapes found in Oregon and Washington. Learn about our rich volcanic history, “recent” events like the great ice age floods that sculpted our region and future events in store for us as part of the Cascadia subduction zone. Taught in non-technical “down-to-earth” language, you can take the whole series or just the ones that interest you most.



12 years – Adult  
Jackson Bottom Wetlands Education Center  
Steve Engel

53293	Wed	1/18	7 – 8:30 pm	I Volcanoes
53294	Wed	2/22	7 – 8:30 pm	II Ice Age Floods
53295	Wed	3/22	7 – 8:30 pm	III Earthquakes

\$5 Resident, \$10 Non-Resident



## How to Identify Gulls

There is no such thing as a “seagull” and yet there are more species of gulls than you might imagine. Learn how to differentiate between them. Explore the characteristics of plumage, leg color, bill and body size that distinguish the almost one dozen species of Gulls found in Oregon during winter. Class includes a field trip by carpool.

16 years – Adult  
 Jackson Bottom Wetlands Education Center  
 John Rakestraw

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53296 Sat 1/21 9 am – 12 pm  
 \$18 Resident, \$25 Non-Resident

## Owls Rule the Night

Owls have amazing adaptations that allow them to rule the night, communicate with one another and occupy a variety of habitats. With fifteen species occurring in Oregon, chances are there is an owl living near you! Learn which species are common, rare, big and small.



12 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Steve Engel

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53297 Wed 1/25 7 – 8:30 pm  
 \$5 Resident, \$10 Non-resident

## Owling Field Trip

Venture forth into the night to listen for and spot local owls. We begin near dusk and continue until after dark in search of several species such as Pygmy, Saw-whet, Great-horned, Barred and Short-eared owls. Travel by carpool to Washington County sites. Meeting place to be announced.

12 years – Adult  
 TBA  
 Steve Engel

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53298 Sat 1/28 4 – 8 pm  
 \$18 Resident, \$25 Non-Resident

## Introduction to Mason Bees

Learn the basics of mason bees, their needs and their usefulness. These solitary bees are very docile and are excellent early spring pollinators. Mason bees are far more efficient at pollination than honey bees. Upon course completion, you are prepared to advance into learning how to raise mason bees.

12 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Ron Spental

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53299 Sat 2/4 1 – 3 pm  
 Free, pre-registration required

## Cranes & Eagles of Sauvie Island

Two of the largest birds around are plentiful and easy to observe on Sauvie Island, where the Willamette and Columbia Rivers meet. Sandhill Cranes and Bald Eagles congregate here during the winter, as do many species of waterfowl that we are also likely to see. Transportation is provided for this guided wildlife tour. We depart from the Fairgrounds MAX station where you can arrive by train, bus or car.



12 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Steve Engel

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53300 Sat 2/18 10 am – 3 pm  
 \$30 Resident, \$45 Non-Resident

## Raising Mason Bees

Mason bees are easy and interesting to raise. Learn about nesting needs and options as well as the care of the bee during their life cycle. Following some simple guidelines allows you to start, grow and maintain a mason bee population to pollinate your garden and landscape.

12 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Ron Spental

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53301 Sat 3/4 1 – 3 pm  
 Free, pre-registration required



### Get Started Watching Birds

Colorful, musical and always nearby, birds can teach you so much about the world around you. Enthusiastic and patient guidance teaches how to engage in this healthy pastime by becoming familiar with the tools, information and behaviors of a birdwatcher. An indoor session is followed by a field trip into the Preserve. Binoculars provided.

16 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Laura Whittemore

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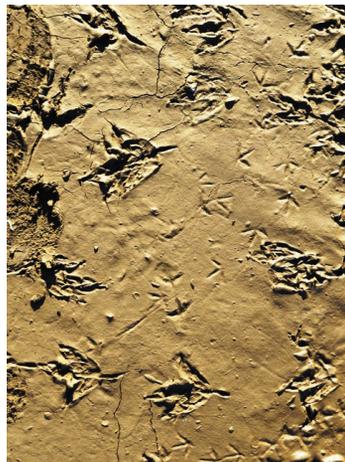
53529	Sun	3/12	10 am – 1 pm
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\$18 Resident, \$25 Non-Resident

### Animal Tracking 101

What would it be like to be able to read the ground as if it were a newspaper, full of the comings and goings of the wildlife around you? This class shows you how to start understanding the many signs animals leave behind, telling us about the who, what, when, where and why of their secretive lives.



10 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Steve Engel

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53530	Sat	4/1	1 – 3 pm
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Free, pre-registration required

### Field Sketching

Learn to see the world in a different way through attention to details, patterns and relationships in nature and capture what you see in a sketchbook journal. Only a few materials are needed to record your outdoor adventures in quick lines, colors, and notes. Material list provided.

16 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Alice Hill

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53531	Sat	4/8	1 – 4 pm
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\$22 Resident, \$30 Non-Resident

### Nesting Birds of Jackson Bottom

Bald Eagle, Osprey and Great Blue Heron all nest and raise their young at Jackson Bottom Wetlands Preserve. This class introduces the life-styles of each of these species and includes a walk of about two miles to view the birds at their nest sites.



12 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Steve Engel

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53532	Sun	4/23	1 – 4 pm
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\$10 Resident, \$15 Non-Resident

### Birding by Ear

Learn to identify birds by their songs in this locally famous class. Tune up your ears with an indoor presentation then go outside to listen carefully to the songs and calls around us. Learn how to listen, how to find singing birds, which sounds males and females make, and how to make those sounds stick so you recognize them again. April class focuses on resident species. May focuses on migrant species.

16 years – Adult  
 Jackson Bottom Wetlands Education Center  
 Laura Whittemore

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53533	Sat	4/29	10 am – 1 pm
53534	Sun	5/21	10 am – 1 pm

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\$18 Resident, \$25 Non-Resident



### Lunch with the Birds

Bird watchers of all levels and ages, join Jackson Bottom staff and volunteers each Wednesday for Lunch with the Birds! Learn identification tips and natural history facts for our local wildlife. Bring binoculars and a field guide if you have them. A few pairs of loaner binoculars are available. Location varies, featuring a different Hillsboro park each month. Program is outdoors, rain or shine. Some parks have shelter from the rain but be prepared for the weather.

#### Woodpeckers and Wintering Visitors

Every Wed	January	12 – 1 pm	Turner Creek Park
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#### Mixed Flocks of Insectivorous Birds

Every Wed	February	12 – 1 pm	Noble Woods Park
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#### Waterfowl and Songbirds

Every Wed	March	12 – 1 pm	Rood Bridge Park
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#### Migrating and Nesting Songbirds

Wed	April	12 – 1 pm	Dairy Creek Park
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#### Shorebirds, Raptors, Songbirds and Herons

Every Wed	May	12 – 1 pm	Jackson Bottom Wetlands Preserve
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#### Woodland with a Small Creek Running Through

Every Wed	June	12 – 1 pm	Hamby Park
Free			



### Sunset Sit & Moonrise Smile

Make time in your day once a month to relax and take in the eastern sky as the sun sets and the moon rises. Vivid colors paint the sky, the earth's shadow rises, heralding the coming of night, and a full moon makes its dramatic entrance into the night sky. Daytime wildlife seeks shelter as nighttime creatures emerge. Join us thirty minutes before sunset, once a month, at select Hillsboro park sites. A Hillsboro Parks & Recreation naturalist helps you tune in to the many wonderful events that attend the passing of day into night. Dress comfortably for the weather. Bring a chair and something warm to drink if you like.

Thu	1/12	5 pm	Rood Bridge Park
Fri	2/10	5 pm	Jackson Bottom Wetlands Preserve
Sun	3/12	7 pm	Rood Bridge Park
Mon	4/10	7 pm	Jackson Bottom Wetlands Preserve
Wed	5/10	7:45 pm	Rood Bridge Park
Fri	6/9	8:30 pm	Jackson Bottom Wetlands Preserve

Free, no registration required



### Morning Bird Song Walks

Develop and hone your ability to identify bird songs every Thursday morning in April and May. Walk slowly, listen and discuss what we are hearing and finally, connect a bird's name to its song. Repetition is the key to developing this skill! Bring binoculars and a field guide if you have them. You can depart at any time.

#### Jackson Bottom Wetlands Education Center

Every Thu	April	7 – 8 am	Jackson Bottom Wetlands Preserve
Every Thu	May	7 – 8 am	Rood Bridge Park

Free, no registration required