

XPLORERS

PARKS CANADA

Your name: _____



Aussi disponible en français



Parks
Canada

Parcs
Canada



ocean wise.

WELCOME

Hello Xplorer! Meet Joy. She's an endangered Southern Resident Killer Whale. You'll discover that her life is a lot like yours. But, she's in trouble. Don't worry, you can help.

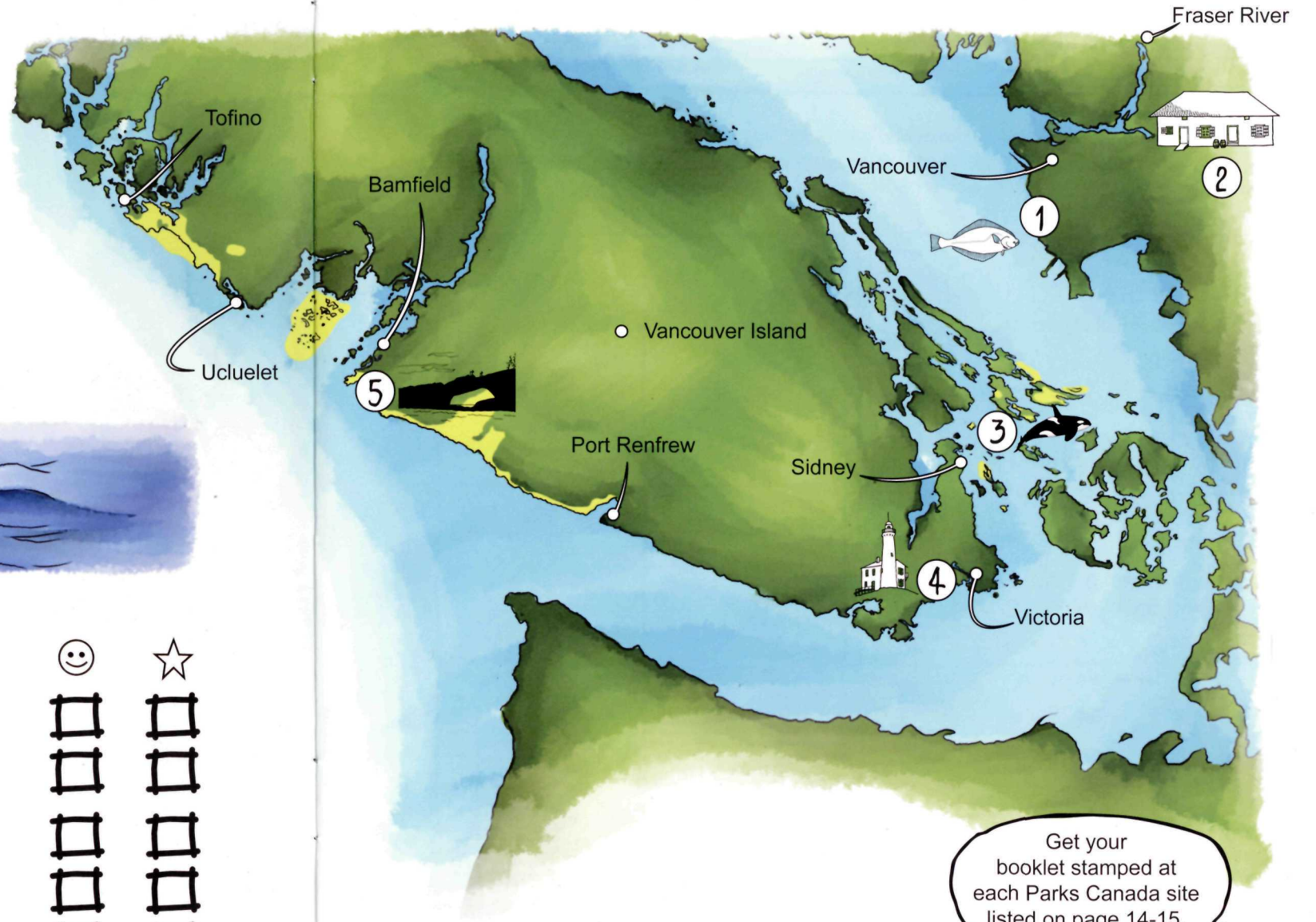
Joy swims past many Parks Canada places. Check boxes below the 😊 for the ones you've visited. Mark the ones you want to visit under the ☆.



Find the numbers on the map in your booklet for suggested places to do the activities. Happy Xploring!

- ① Gulf of Georgia Cannery National Historic Site
- ② Fort Langley National Historic Site
- ③ Gulf Islands National Park Reserve
- ④ Fort Rodd Hill and Fisgard Lighthouse National Historic Sites
- ⑤ Pacific Rim National Park Reserve

😊	☆
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Get your booklet stamped at each Parks Canada site listed on page 14-15.

CREATE YOUR OWN



Go to
1
3
4
5
on the map

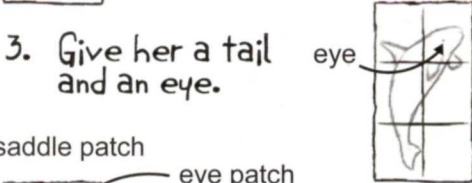
ORCA ART

Joy is called a Killer Whale or an Orca. Follow these easy steps to draw her picture. Visit the beach at a Parks Canada place and draw what you see to add to her ocean home. If you can't make it to the beach, use a photo or your imagination.

1. Sketch her banana-shaped body.



2. Add her fin and flippers.



3. Give her a tail and an eye.

saddle patch

eye patch



4. Add her markings.

5. Darken these areas.

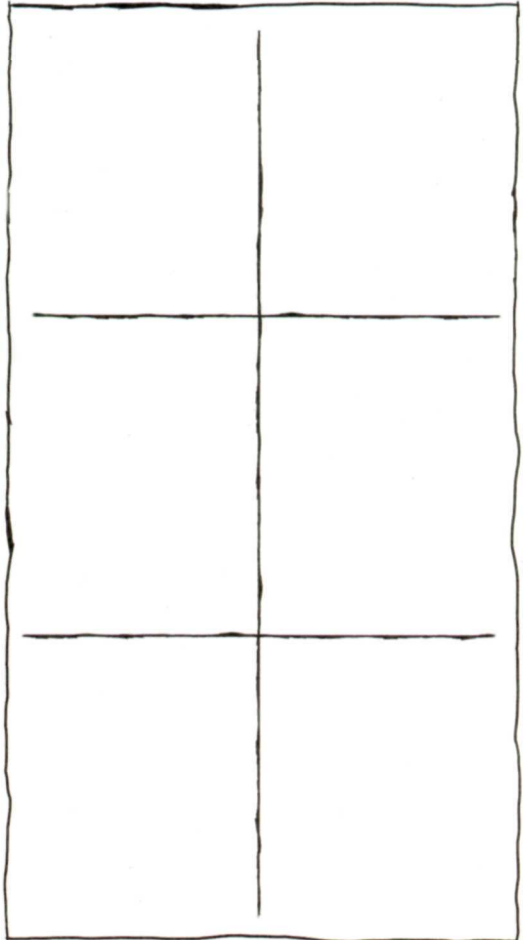


FIGURE IT OUT ???

Go to
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on the map

SALMON CODE

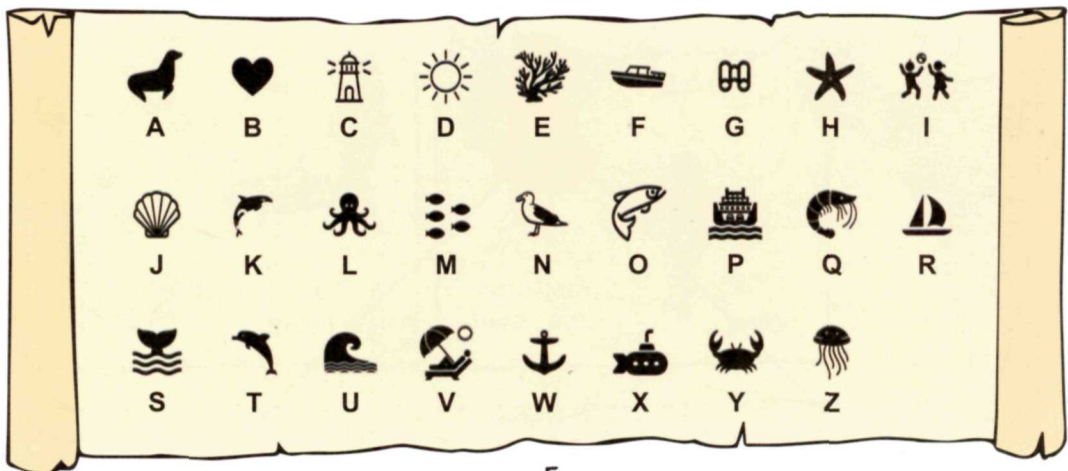
You and Joy both have favourite foods. Hers was canned at the Gulf of Georgia Cannery National Historic Site and shipped to people all over the world. Or salted and stored in barrels at Fort Langley National Historic Site.

Crack the code to uncover Joy's favourite food.

Joy loves to eat:



What's your favourite food? Write it in code. Ask someone to decode it!



USE YOUR SENSES



Go to
3
on the map

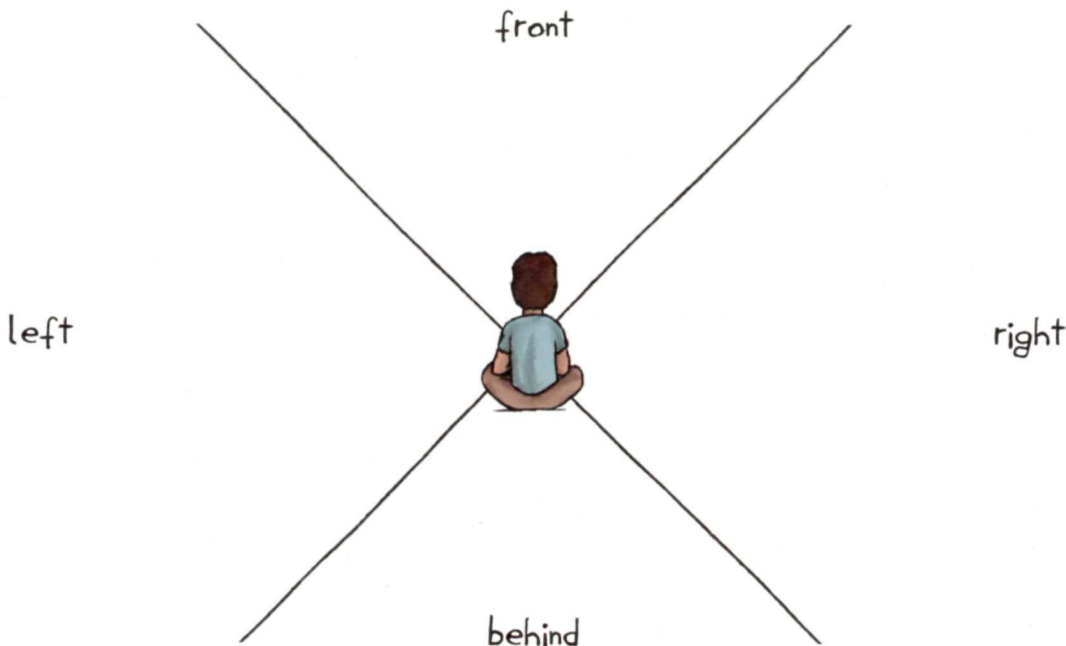
SOUND MAP

It's dark underwater and Joy can't really see her food. So she sends out clicks and listens for them to echo back from salmon. Finding something by sound is called echolocation. At Gulf Islands National Park Reserve, listen for the "puuush" of breath from a Killer Whale's blowhole.



Find a spot outside to close your eyes and listen quietly. You're the X in the middle of the map.

Write or draw what you hear on your right, your left, in front and behind you. What did your family and friends hear?




GO PLAY

ECHO-ECHO-ECHOLOCATION

Gather three players: a whale, a salmon and a boat. The blindfolded Killer Whale stands still and shouts, "Salmon, where are you?" The Chinook Salmon swims around, replying quietly, "Here I am." The boat putts about. The whale points at the salmon to catch it.

Can the whale find food with the noisy motor boat close by?
How about far away? After trying both ways, switch places.

Boat far away



Putt-putt-putt.
BRRT-BRRT-BRRT

Salmon,
where are
you?




Here I am,
here I am.

Boat too close



Putt-putt-putt.
BRRT-BRRT-BRRT



Salmon,
where are
you?



Here I am,
here I am.

These whales
need a quiet ocean to find food.
Boats must stay far away, 400
metres or 30 school buses.
www.bewhalewise.org



ARK WA
ARDE D

GO INVESTIGATE



PEAS IN A POD

Joy will swim with her L-pod family her whole life. You can call her L-119. That's because she's the 119th Killer Whale born into L-pod since we started keeping track. Watch for Joy and her family when you're on a BC ferry.

Give each member of your family a Killer Whale pod name and number. The first letter of your last name is your pod. The oldest person is 1. The second-oldest is 2 and so on.

Family and Killer Whale names

_____	_____
_____	_____
_____	_____

Circle who's closest to your age.

L-113 Cousteau
Girl cousin born 2009



L-119 Joy
Born 2012



L-124 Whistle
Sibling born 2019



L-121 Windsong
Boy cousin born 2015



TRY IT OUT !!

MANY NAMES

The love you have for your family makes you care for them. Now imagine feeling the same way about animals. This area's First Nations people see Killer Whales as part of their family. They also have many names for Killer Whales.



Try saying them out loud.

- A Nuu-chah-nulth Peoples - kakawin
(Say: ka-ka-win)
- B Hul'q'umin'num' Peoples - Q'ul-Ihanumutsun
(Say: Q-ul-Ihah-nu-mut-cun)
- C WSÁNEĆ Peoples - KEL,ŁOLEMEĆEN
(Say: Qul-thawl-ah-much-en)
- D Songhees and Esquimalt Peoples - qəłtələməčən
(Say: q - deep in your throat, ł - like 'tl' in bottle, ə - in the middle of your mouth and č - like 'ch' in chin.)

Post: Joy's family catches salmon and shares with each other so everyone gets to eat.



Listen to these and other Indigenous words at www.firstvoices.com/kids.

SEARCH FOR



Go to
4
on the map

IN TROUBLE

Other plants and animals need our help, too. Visit the Garry Oak Learning Meadow at Fort Rodd Hill National Historic Site to see what Parks Canada is doing to protect the environment.

Circle the differences between 100 years ago and today to see what challenges Joy and her family face.



Answers: More boats. Fewer salmon. Town polluting the water. Fewer Killer Whales.

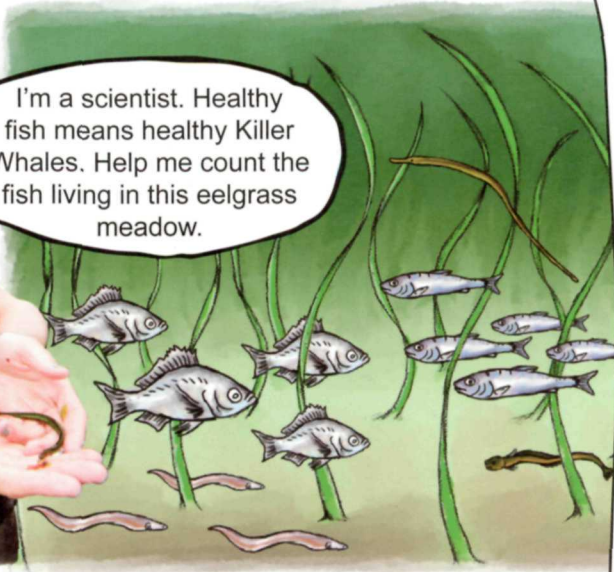
TAKE A LOOK

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FISHY CHECK-UP

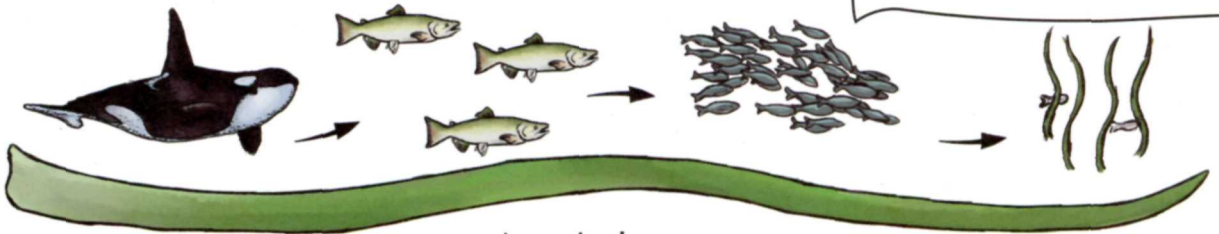
Everything is connected. Joy and her family eat salmon. Those salmon eat small fish. The small fish need the eelgrass meadows for shelter.

How many of each fish can you find?



How many?

	_____
Pacific Herring	_____
	_____
Shiner Surf Perch	_____
	_____
Pacific Sand Lance	_____
	_____
Bay Pipefish	_____
	_____
Crescent Gunnel	_____



Next time you're at the beach, look for washed-up eelgrass.

JOIN IN



WHALE HERO BINGO

Be a Whale Hero and help Joy and her family. Mark an X for every good thing you do. Can you make a line of three Xs? Or fill in all the squares?



Pick up beach trash.



Share what you learned.



Spend time outside.



Ask an adult to download the Whale Report App at www.wildwhales.org.

Your choice!

Write or draw what you did.



Watch for whales from shore
www.thewhaletrail.org.



Try not to waste food (especially if you eat fish).



Use a refillable water bottle.



Find out more.

GET MOVING

Go to
5
on the map

SUPER POD DANCE

A super pod happens when Joy's L-pod family meets up with J and K pods. It's like a whale party. Get outside with your own super pod and dance to celebrate how you will help save endangered Southern Resident Killer Whales! Pacific Rim National Park Reserve has great beaches for dancing.

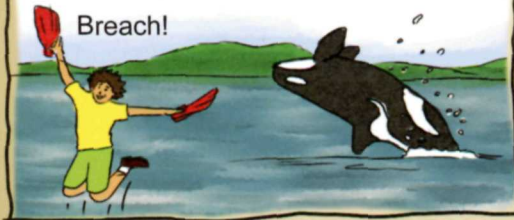
Cruise the waves



Dive. Come up with a blow.



Breach!



Show your own moves.

Ask an adult to record and share your dance with #srkw, #superpoddance and #parkscanada.



Joy and her uncle Mega cruising the waves

Psst: Be safe
at the shore with tips from
www.coastsmart.ca.

CHECK IT OUT

TAKE A TRIP

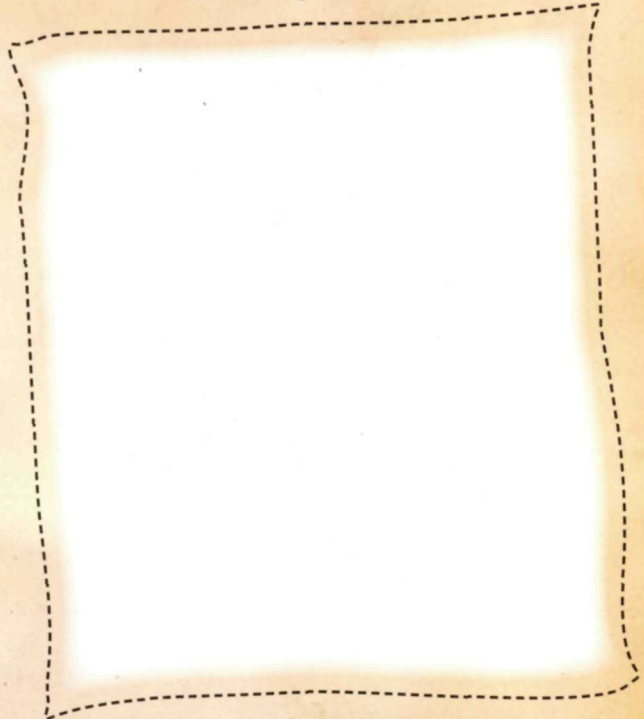
Have fun collecting souvenir stamps. At each Parks Canada place below, ask a staff member to stamp your Southern Resident Killer Whale Xplorers booklet. Don't forget to pick up the Xplorers booklet for each Parks Canada place you visit!



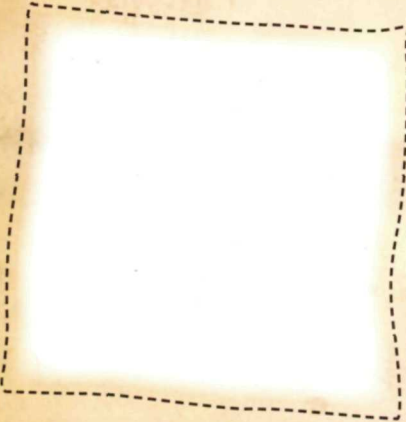
Gulf of Georgia Cannery NHS



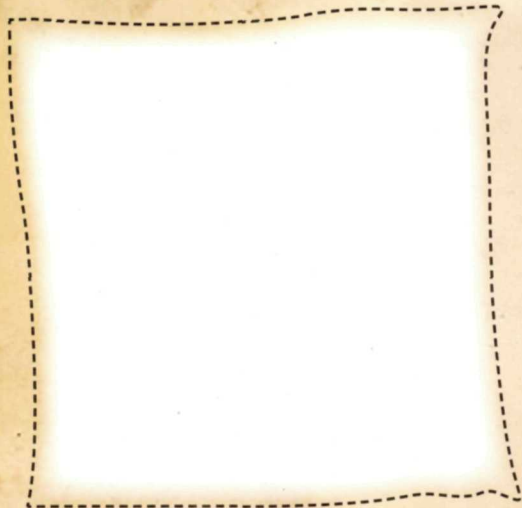
Fort Langley NHS



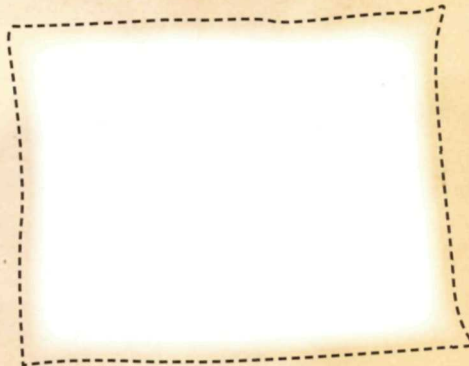
Gulf Islands NPR



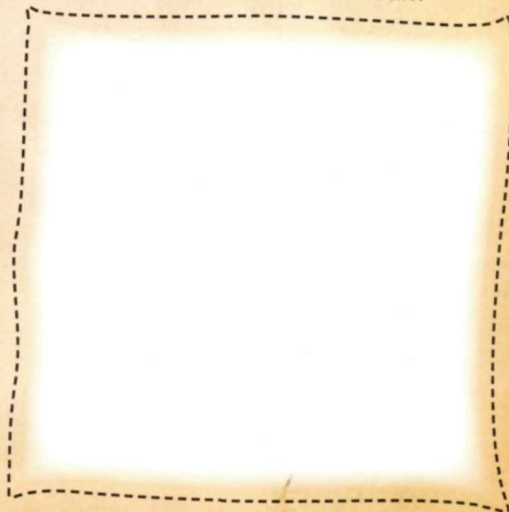
Fort Rodd Hill
& Fisgard Lighthouse NHSS



Pacific Rim NPR



Vancouver Outreach Team



Before you go check www.parkscanada.ca to make sure the site is open.

Gulf of Georgia Cannery National Historic Site – Front Desk

Fort Langley National Historic Site – Visitor Centre

Fort Rodd Hill and Fisgard Lighthouse National Historic Sites – Welcome Centre

Gulf Islands National Park Reserve – Sidney Operations Centre, Saturna Island Fog Alarm Building or Pender Island Museum

Pacific Rim National Park Reserve – K^wisitis Visitor Centre or Pacific Rim Visitor Centre

Vancouver Outreach Team - Find events at www.pc.gc.ca/vancouver

LIKE TO X PLORE??

You can have fun in lots of Parks Canada places! Go to parksCanada.gc.ca/xplorers to see where they are.

Did you know? Southern Resident Killer Whales stay with their mothers for life.



This photo of Joy and her mother Matia and the photo on page 13 were taken from shore by Monika Wieland Shields.

Explore with Parka!



Get up and go with Parka activities, videos, song and more by visiting one of our places or parksCanada.gc.ca/parka.



PHOTO MISSIONS

Download Parka's **free** app!

