

Spotlight on Salmon

October 7, 2025

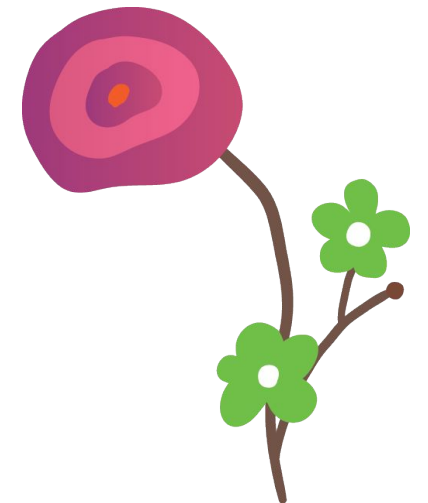


By Molly Cooperman





Short history “Youth are capable and the future”





We Are

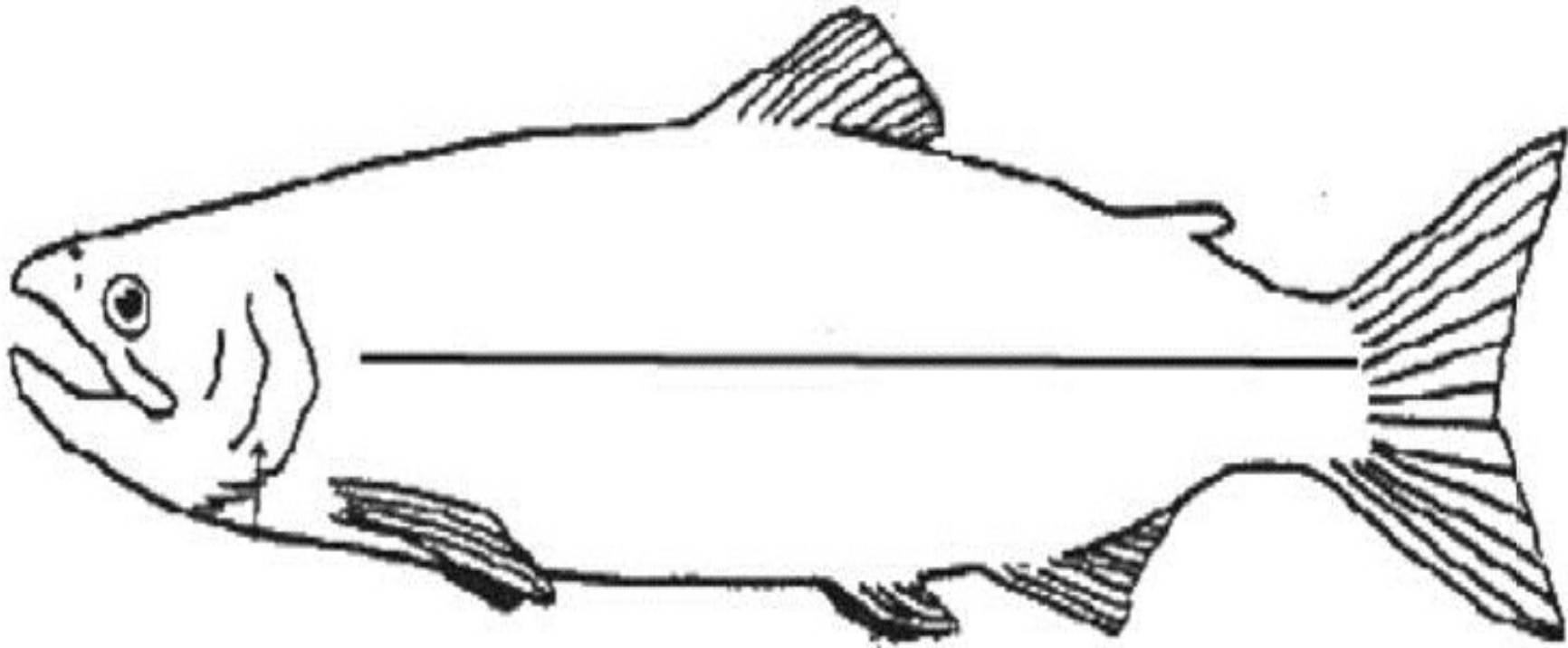
An exciting nature discovery, environmental action and health promotion community for BC children and their families

Our Vision

Building a healthy and sustainable future for our world by connecting every child and their family in the diversity, complexity, and wonder of the natural world.



Salmon Hats



Respect Salmon-Honoring the balance

Dr. Chief Robert Joseph | Wild First



Incredible World of Salmon!



Activities

Tools

Resources

- Online Resources
- <https://naturekiddsbc.ca/supporting-salmon/>



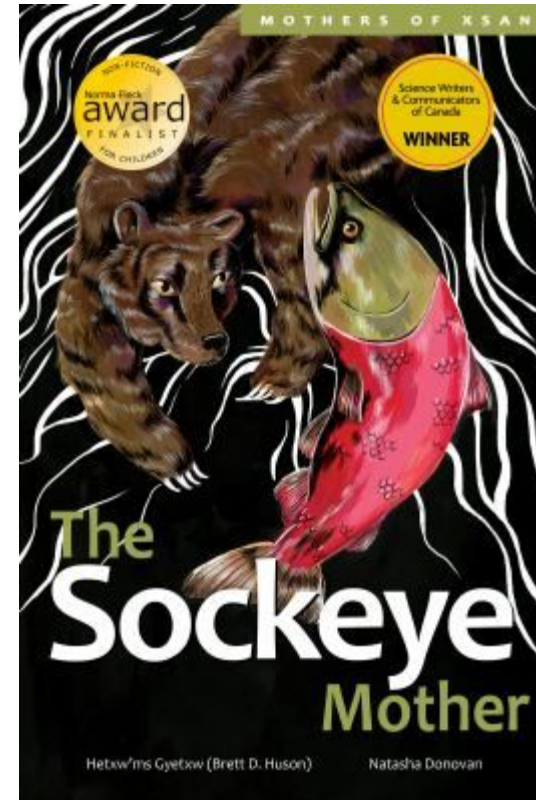
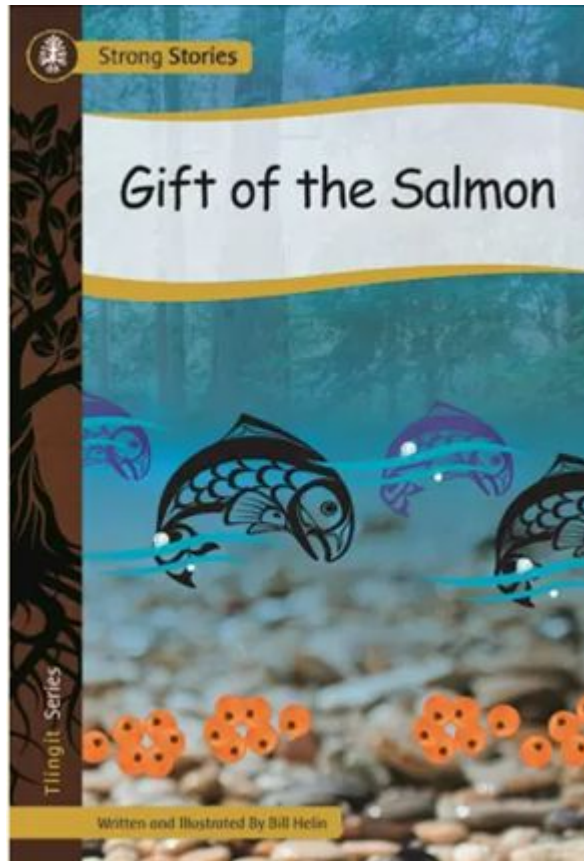
Outdoor Learning Store's **SUPER SALMON LEARNING KIT**

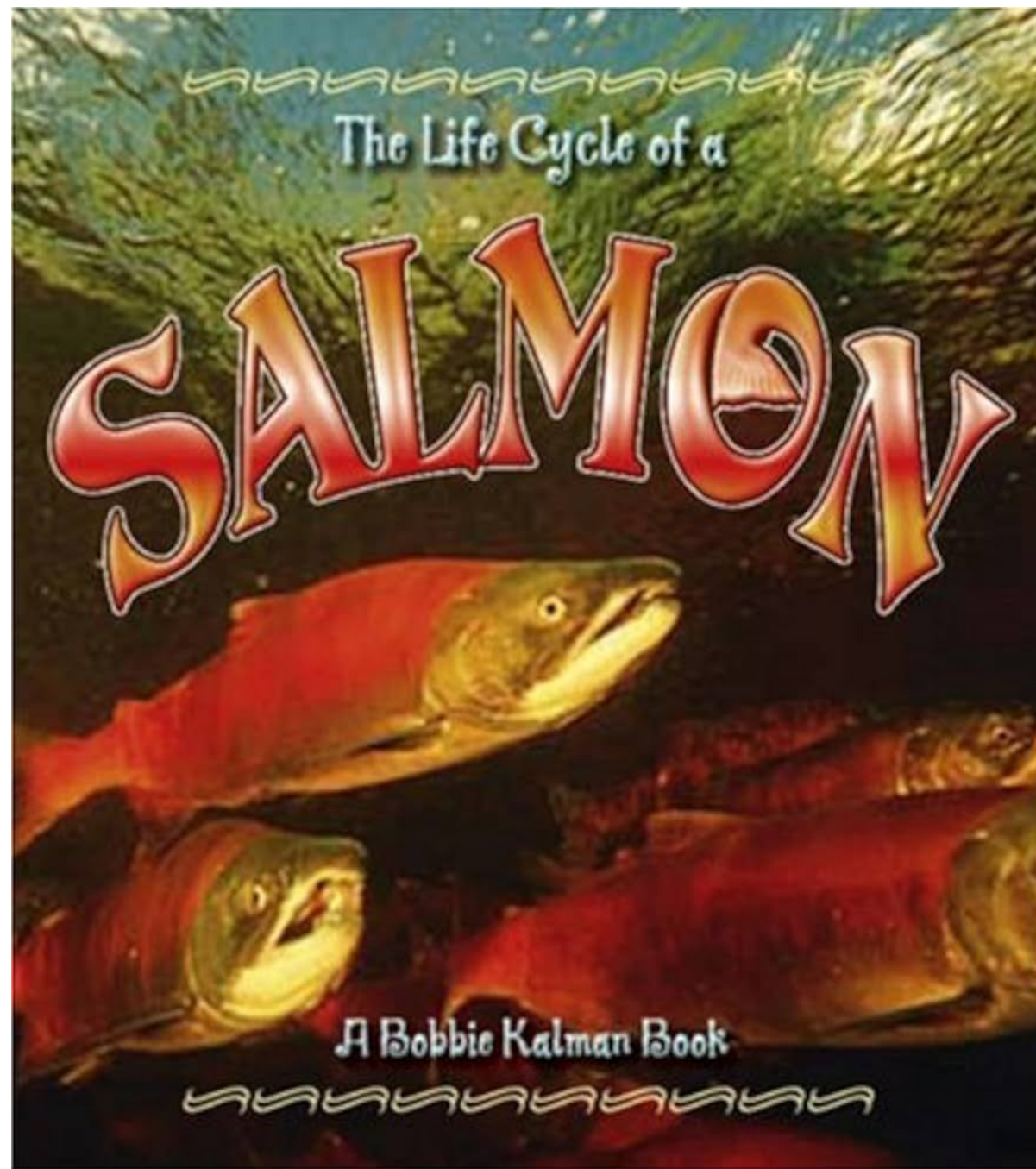
Photo by Jim Cooperman

The Super Salmon Learning Kit

This kit includes:

- 1. The Gift of the Salmon Children's Book (Indigenous)**
- 2. The Sockeye Mother Children's Book (Indigenous)**
- 3. Run Salmon Run Children's Book**
- 4. The Life Cycle of a Salmon Children's Book**
- 5. Saltwater Fishes Nature Guide**
- 6. Freshwater Fishes Nature Guide**
- 7. Salmon Memory Matching and Life Cycle Cards (Indigenous)**
- 8. Indigenous Salmon Finger Puppet (Indigenous)**
- 9. Lifecycle Salmon Replicas**
- 10. Salmon Model**
- 11. SalmonWILD Magazine**
- 12. Salmon Lifecycle Display Cards (set of 6)**
- 13. Salmon Activity Sheets & Ideas**
- 14. Salmon Information Cards (set of 12 different species – laminated)**





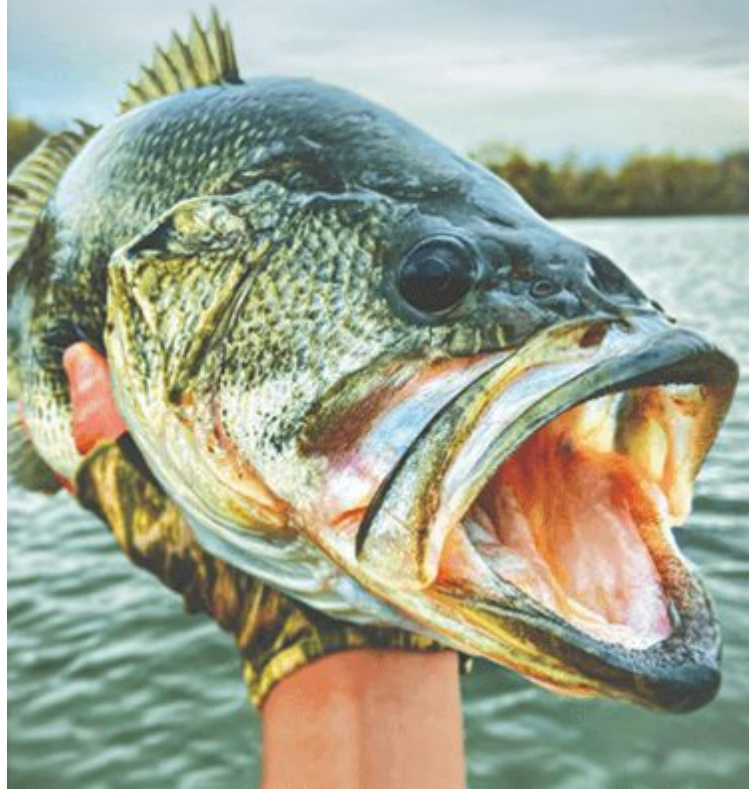
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FRESHWATER FISHES

**A Folding Pocket Guide to
Familiar North American Species**



SALTWATER FISHES

**A Waterproof Folding Guide to
Familiar North American Species**



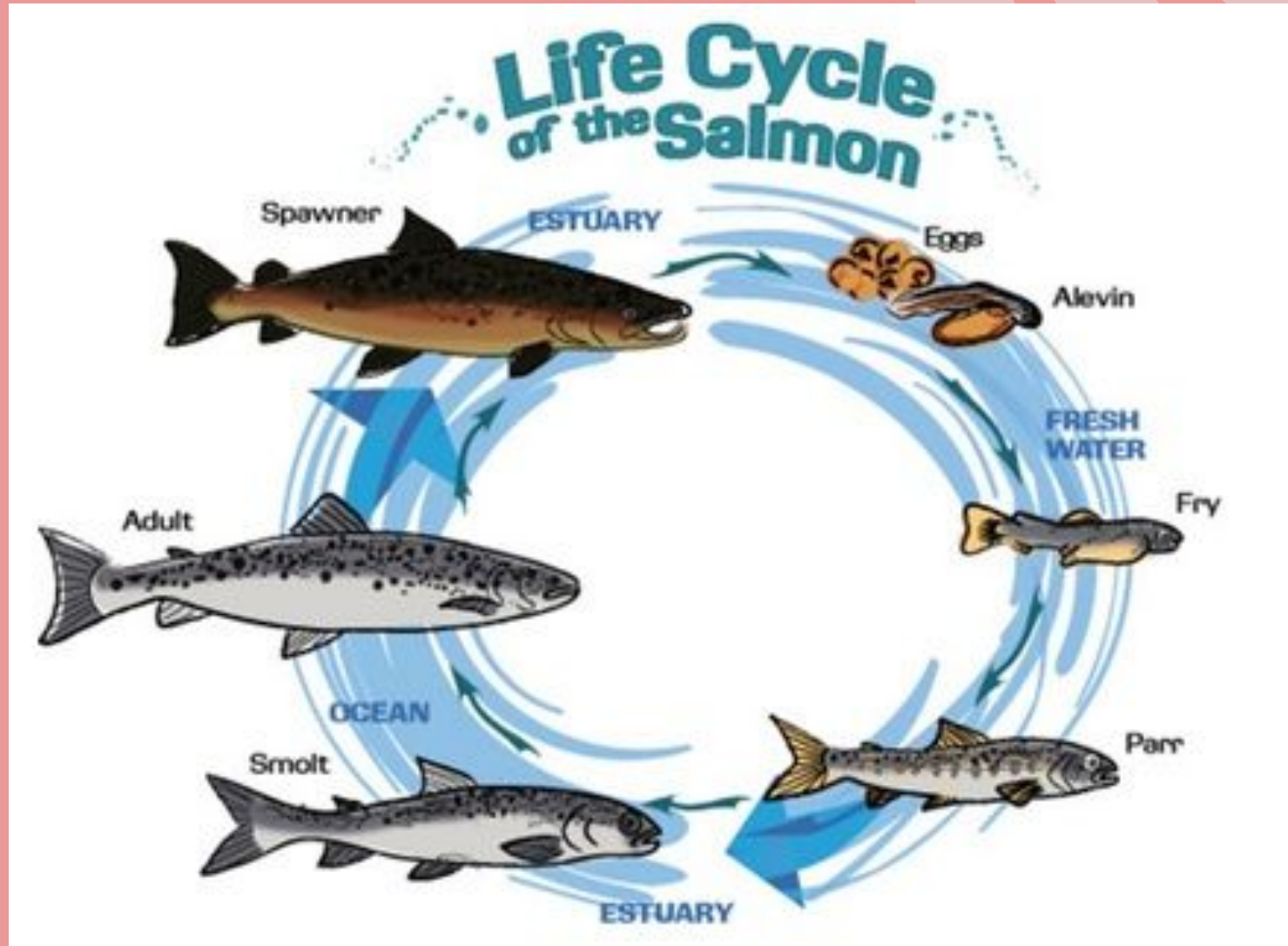
We can learn many things from Salmon:

- Courage
- Strength
- Resilience
- Perseverance
- Determination
- Giving



Amazing Salmon Life Cycle

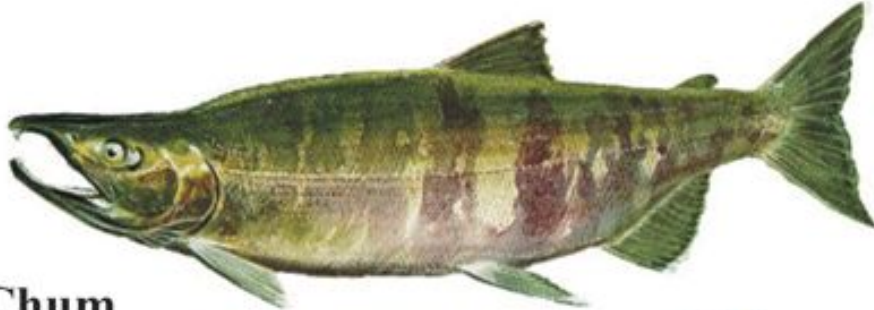
"giving of life at every stage"



Five Main Pacific Salmon Species



Chinook



Chum



Sockeye



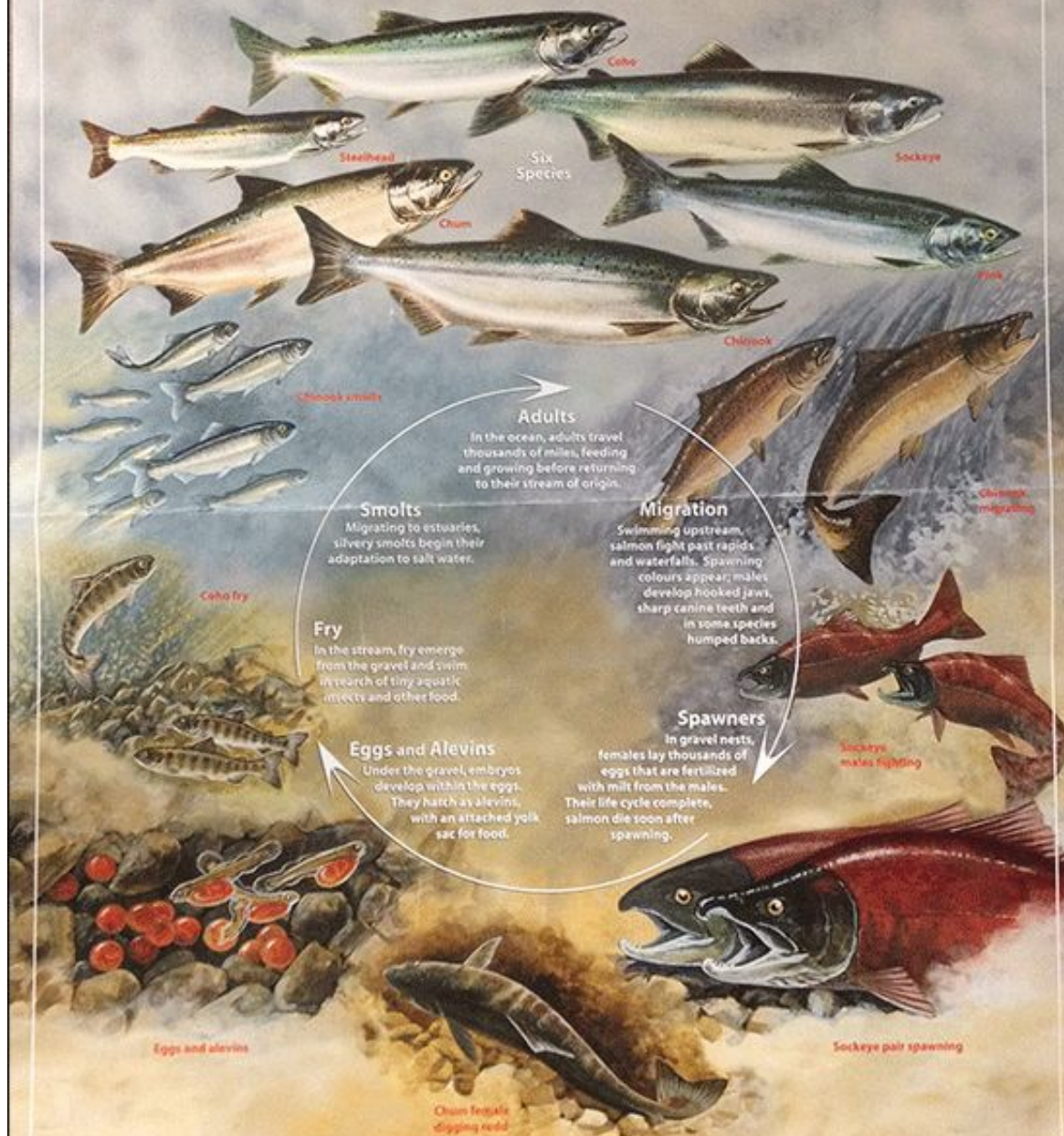
Coho



Pink

Pacific Salmon Species

Pacific Salmon Life Cycle





Alevin

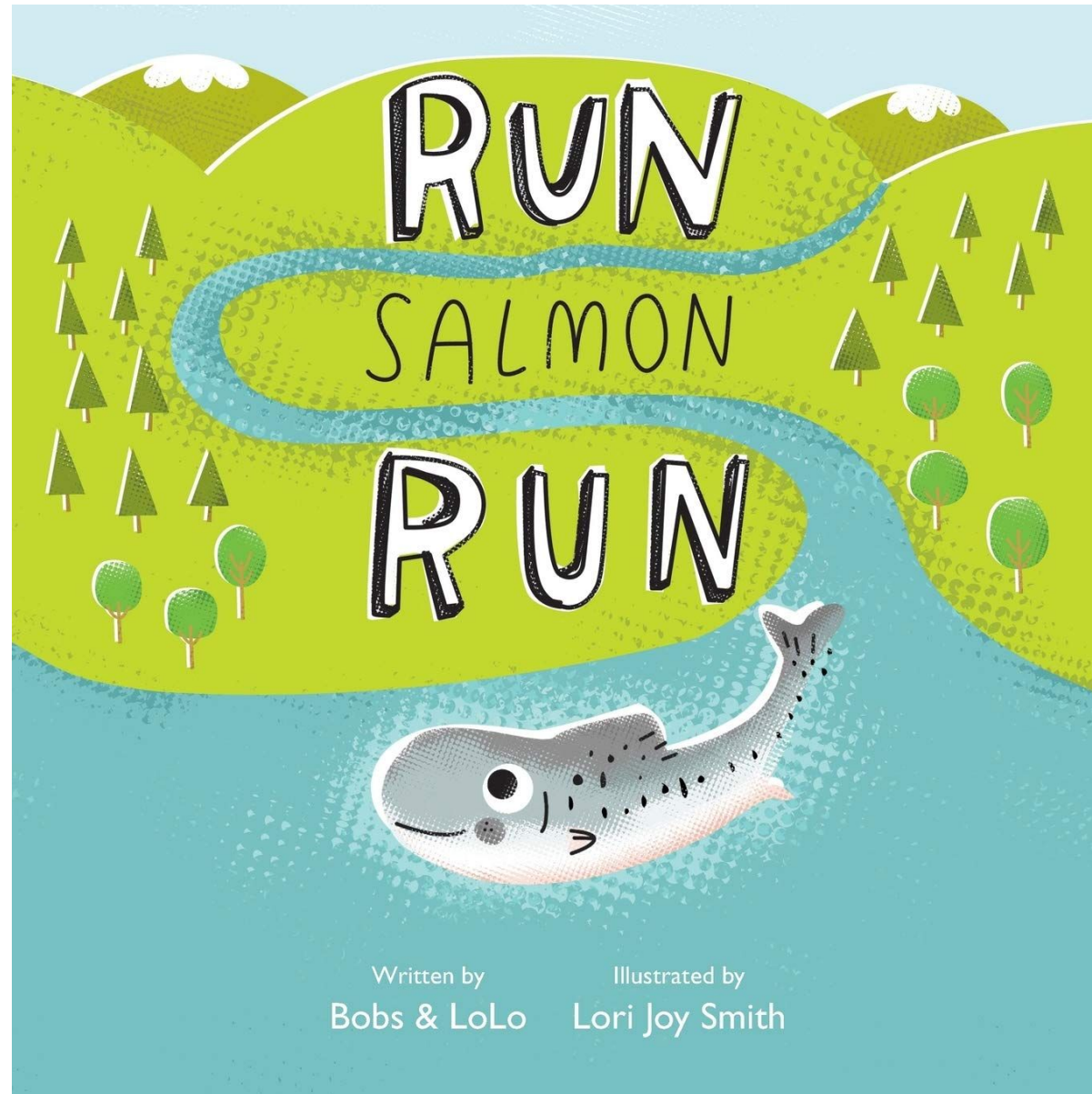
What do you notice about this alevin? Do you see the big orange tummy? This is called a yolk sac; it is like a little lunch box. The alevin will stay in the protective gravel and feed off of their yolk sac for about 4-6 weeks. They will grow bigger and develop their fins.



Adult Salmon

As an adult salmon they spend 1 - 7 years in the ocean depending on what kind of salmon they are. They will swim far distances, even all the way up to Alaska. What do they eat now? (*Zooplankton and smaller fish*) What animals eat adult salmon? (*Orcas, seals, bigger fish, humans*) If this was a Sockeye salmon, they would spend 3 years in the ocean and then they would start to migrate back to their home stream. Why would they go back to the stream? (*To spawn, lay their eggs*)







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12 Salmon Life Cycle Sequencing Cards



12 Salmon Species Matching Cards



Photo credits: Department of Fisheries and Oceans Canada

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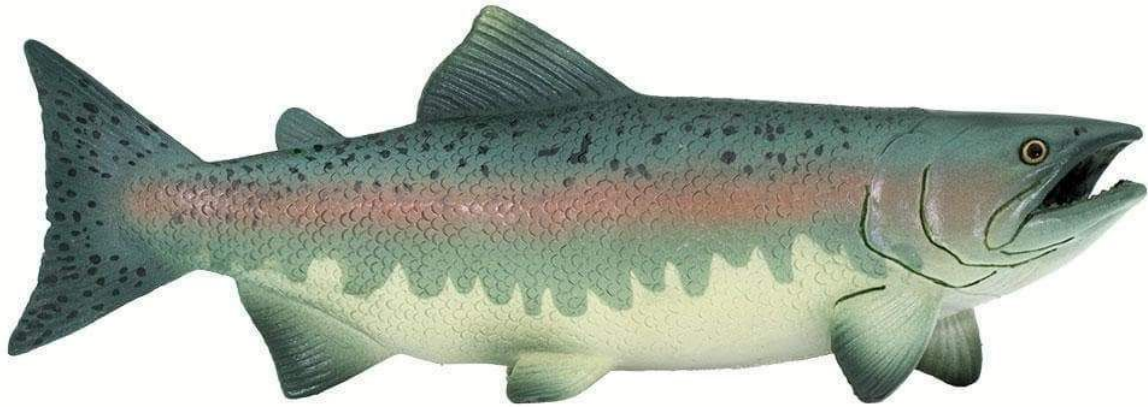


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Salmon Learning Activities

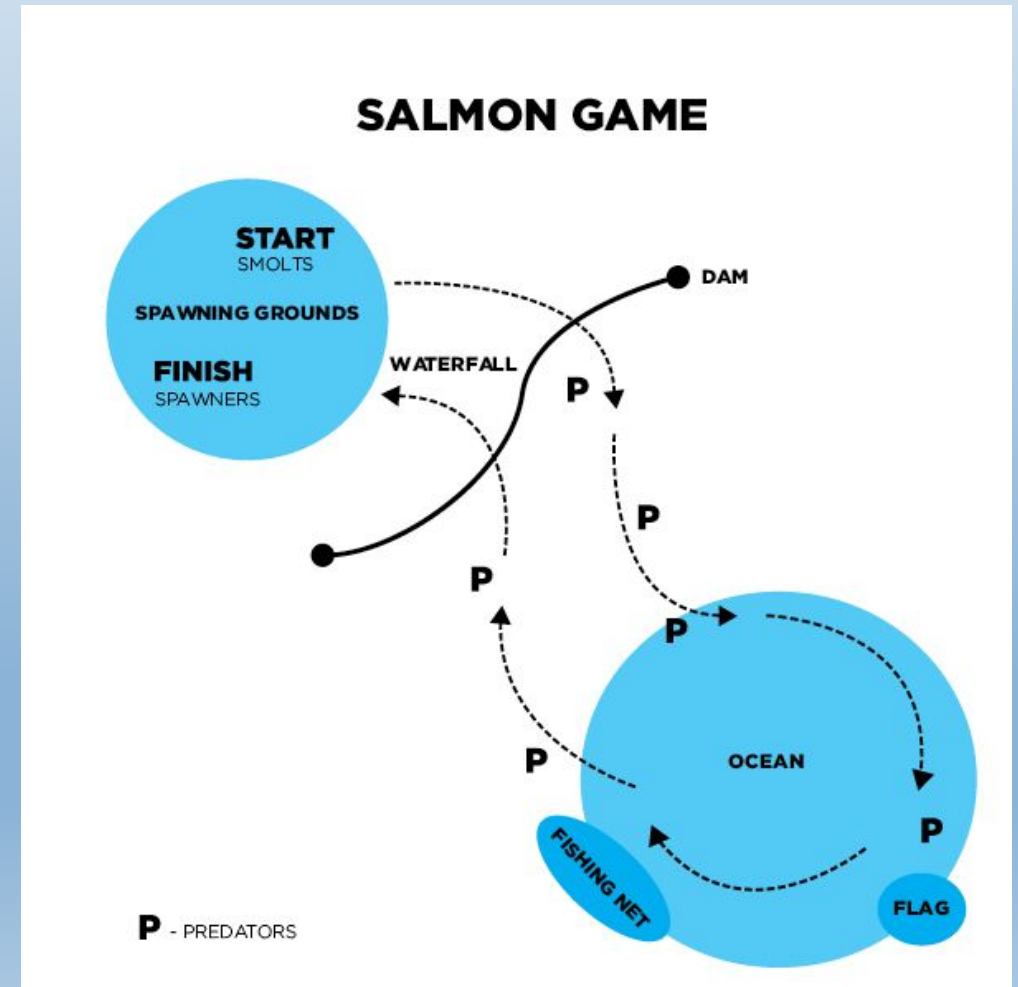


Activity sheets include:

- Creating a Salmon Spawning Model
- Setting up a Salmon Explorer Day
- Salmon Life Cycle Stages Game
- Smell your way home game!
- Salmon Art Projects
- Salmon Fact Sheets

Salmon games and activities

1. Salmon Life Cycle stages game- Rock-Paper-Scissors
2. Salmon migration game or Hooks and Ladders
3. Find your way home





NOAA
FISHERIES

Salmon related art activities

1. Coloring sheets
2. Nature art
3. Gyotaku, Salmon Printing



Salmon

Wild

Special Edition!



The Long Journey

Follow the path of the Adams River Sockeye.

Salmon are Sacred

What salmon mean to First Nations people.

Healthy Habitat for Salmon

See if your local stream provides good habitat for Salmon.

The Big Question

How do salmon find their way home?

Salmon Watching

Where can you see a salmon?

Factors affecting Salmon?

Natural:

- Predators (131 different species rely on salmon throughout their lifecycle)
- Disease (ex. Whirling disease, sea lice, etc.)

Human caused:

- Over fishing
- Salmon farming
- Habitat loss
- Climate change
- Large hatchery produced fish



RISK FACTORS IN SALMON RECOVERY



HABITAT
DEGRADATION



CLIMATE
CHANGE



FISH PASSAGE
BARRIERS



PREDATION



HARVEST

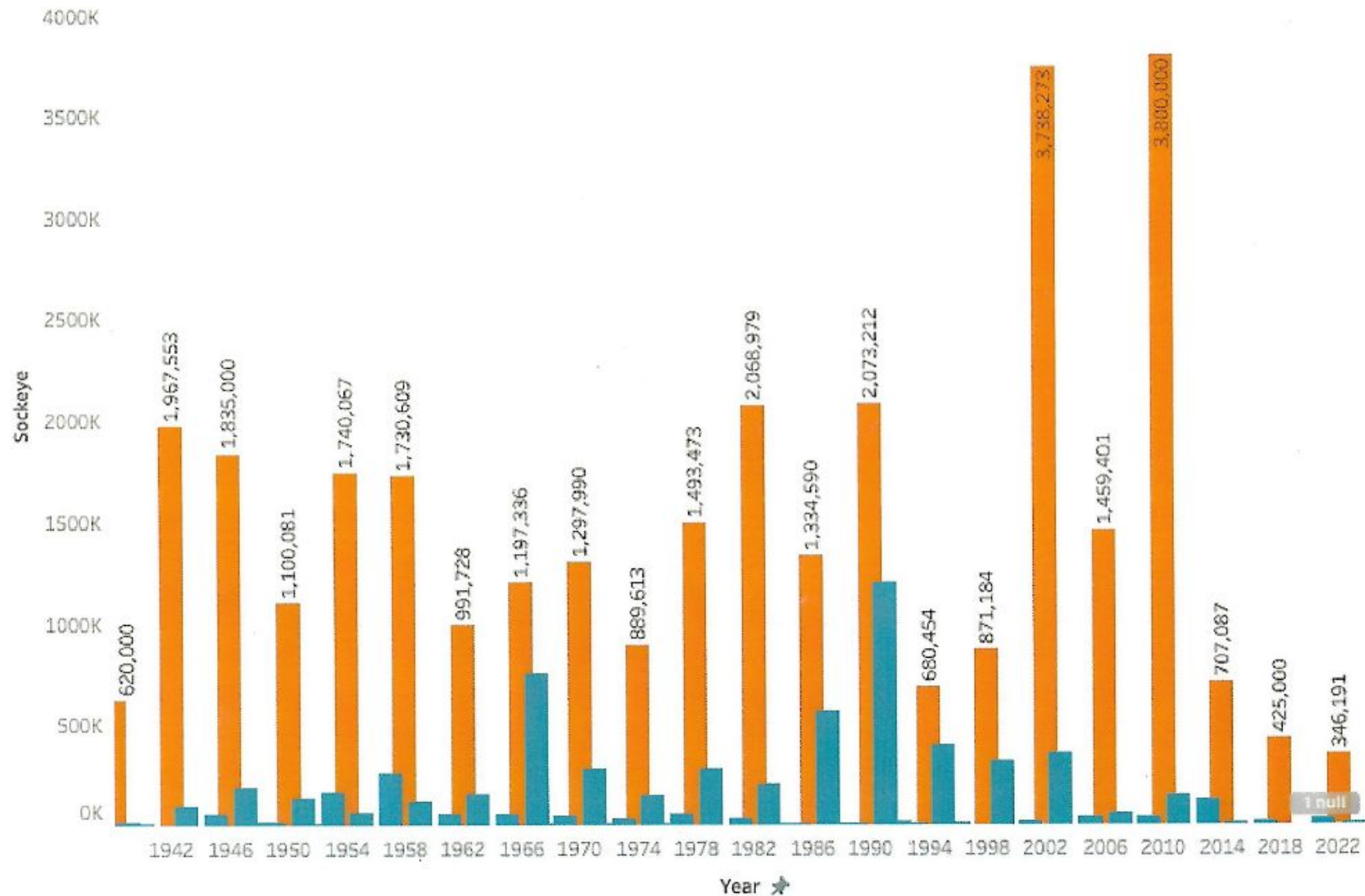


HYDROPOWER



HATCHERIES

Lower Adams River Sockeye Escapement; Dominant Year, 1st, 2nd & 3rd Sub Dominant Year



In 2010 **3.8 Million Fish** returned to the Adams River



Photos by Jim Cooperman

Local Salmon Viewing spots?



<https://psf.ca/SalmonSpotting/>

Possible Stewardship projects

- Tree planting
- Citizen Science with local community group

Questions??

