

## Video Title: Lesson 02—The Internal Anatomy of Salmon

<b>Brief Description</b>	Shona Bruce describes the inner parts of the salmon. Including: a review of the names of the fins, descriptions of how to tell the difference between the male and female, parts of the digestive system, organs, swim bladder, and the eye ball.
<b>KEYWORDS</b>	Fins= dorsal fin, anal fin, caudal fin, pectoral fins, adipose fin, lateral line eggs milt incision backbone vent rib cage digestive system stomach large intestines liver gall bladder pyloric ceaca spleen swim bladder kidneys heart eyeball inner lens brain
<b>Curriculum Links By grade- Big Ideas- Content</b>	<p><u>Science</u></p> <p>K-Plants and animals have observable features -adaptations of local animals</p> <p><b>Grade 1-</b> Living things have features and behaviours that help them survive in their environment- names of local animals, structural features of living things in the local environment, behavioural adaptations of animals in the local environment</p> <p><b>Grade 4-</b> All living things sense and respond to their environment- The ways organisms in ecosystems sense and respond to their environment.</p> <p><b>Grade 5-</b> Multicellular organisms have organ systems that enable them to survive and interact within their environment- Basic structures and functions of body systems.</p> <p><b>Grade 7--</b> Natural selection; survival needs and interactions between organisms.</p>
<b>Inquiry Questions</b>	How do the different organs and systems of a salmon help it to survive? What is similar and what is different between a fish and a human? How is the salmon an important part of a food chain? How do you tell the difference between and male and female salmon? Why does a spawning salmon stop eating when it enters fresh water?
<b>Background interesting facts, "Nature Nuggets"</b>	<ol style="list-style-type: none"> <li>1. Salmon can live in both fresh water and salt water.</li> <li>2. 10 amazing things about salmon from WWF website <a href="https://wwf.ca/news-stories/did-you-know-10-amazing-things-about-salmon/#:~:text=Salmon%20are%20considered%20%E2%80%9Canadromous%E2%80%9D%20which,moving%20out%20to%20the%20ocean.&amp;text=That's%20because%20when%20saltwater%20fish,cause%20their%20cells%20to%20burst.">https://wwf.ca/news-stories/did-you-know-10-amazing-things-about-salmon/#:~:text=Salmon%20are%20considered%20%E2%80%9Canadromous%E2%80%9D%20which,moving%20out%20to%20the%20ocean.&amp;text=That's%20because%20when%20saltwater%20fish,cause%20their%20cells%20to%20burst.</a></li> <li>3. <a href="https://www.vanaqua.org/education/aquafacts/salmon">https://www.vanaqua.org/education/aquafacts/salmon</a></li> </ol>
<b>Outdoor Activity</b>	Recreate a model of a Salmon using natural materials.
<b>Links to related Resources</b>	<p><b>Diagram of a Salmon:</b> <a href="https://www.enr.gov.nt.ca/sites/enr/files/anatomy_diagrams_0.pdf">https://www.enr.gov.nt.ca/sites/enr/files/anatomy_diagrams_0.pdf</a></p> <p>Test your Wild Salmon I.Q. <a href="https://www.wildsalmoncenter.org/wp-content/uploads/2020/03/Fish-handout.pdf">https://www.wildsalmoncenter.org/wp-content/uploads/2020/03/Fish-handout.pdf</a></p> <p>How to do a fish dissection: <a href="https://www.pskf.ca/sd/#ext">https://www.pskf.ca/sd/#ext</a></p> <p>Salmon dissection guide: <a href="https://www.adfg.alaska.gov/static/education/educators/curricula/pdfs/salmon_dissection_guide.pdf">https://www.adfg.alaska.gov/static/education/educators/curricula/pdfs/salmon_dissection_guide.pdf</a></p>

	<p>Salmon Anatomy paper dissection activity from PSF:  <a href="https://www.psf.ca/sites/default/files/PSF%20SALMON%20PAPER%20DISSECTION%20CHILDRENS%20EDUCATIONAL%20ACTIVITY.pdf">https://www.psf.ca/sites/default/files/PSF%20SALMON%20PAPER%20DISSECTION%20CHILDRENS%20EDUCATIONAL%20ACTIVITY.pdf</a></p> <p>Salmon activities from Science World <a href="https://www.scienceworld.ca/resource/life-salmon/">https://www.scienceworld.ca/resource/life-salmon/</a></p>
<b>Book list</b>	<ol style="list-style-type: none"> <li>1. Discovering Salmon: A Learning and Activity Book by <b>Nancy Field, Sally Machlis</b></li> <li>2. Salmon Stream by <a href="#">Carol Reed-Jones</a> (Author), <a href="#">Michael S. Maydak</a> (Illustrator)</li> <li>3. Salmon by <a href="#">Deborah Hodge</a> (Author), <a href="#">Nancy Gray Ogle</a> (Illustrator)</li> </ol>
<b>Extension Activity Ideas</b>	<ul style="list-style-type: none"> <li>• <b>Students create a story about a salmon and the journey it makes throughout their life cycle.</b></li> <li>• <b>Students re-tell what they remember about the fish anatomy</b></li> <li>• <b>Student's compare the fish to human anatomy (use a Venn diagram)</b></li> </ul>
<b>Notes/Misc</b>	<b>This video goes together with Video #1</b>