

NWSRI VIDEO SERIES

VIDEO 3 - STURGEON IN THE WILD

This video explains where sturgeon are found naturally in the Nechako Watershed, their spawning habitat and habits, as well as their movements within and outside the watershed.

There are lots of fun facts and simple figures for primary students to understand. Here is a breakdown of the video contents...

Total Length: 7:51 minutes. It is broken into several sections. Below are some key questions to think about in each section of the video.

Watershed: 00:00 to 02:25

This section of the video provides a simple explanation of what a watershed is and some facts and figures related to the Nechako Watershed and sturgeon.

Spawning Beds: 02:25 to 03:14

This section talks about the spawning habitat for sturgeon. Students also give a good explanation of what broadcast spawning is at 04:21-04:39.

Restoration: 03:14 to 04:21

This section talks why sturgeon spawning habitat needs to be fixed to help sturgeon survive.

Fertilization: 04:21 to 04:39

This section offers an explanation of broadcast spawning by some students.

Sturgeon Food: 04:39 to 05:29

This section tells what sturgeon eat at their different life stages.

How Sturgeon Eat: 05:29 to 06:08

This section explains in detail how sturgeon eat, and shows video of sturgeon eating.

Where are the Sturgeon: 06:08 to 07:51

This section talks about where sturgeon can be found in the Nechako Watershed.

Here are some lessons and slideshows that could support young learners to understand the content of this video:

[Watersheds Lesson 2-1](#)

[Habitat and Humans Lesson 2-4](#)

[Recovery and Rehabilitation Lesson 2-5](#)

[Sturgeon Decline presentation \(Unit 3\)](#)

[Sturgeon Habitat and Food presentation \(Unit 3\)](#)

[Sturgeon Decline Lesson 3-4](#)

See the attached Activity Sheet for this video...

DEFINITIONS

Throughout the video, the narrator uses scientific language.

Broadcast Spawning: Releasing eggs and milt into the water column to be fertilized.

Extirpated: A species that is no longer found in a particular area where it persisted naturally previously.

Benthic: Found on the bottom.

Barbels: Sensory appendages on the lower part of the sturgeon's head that feels and detects food.

IN CLASS HANDS ON RESOURCE

Ask at SD91 how to borrow the **Watershed Demonstration Kit**

More available at:

www.nechakowhitesturgeon.org

[Facebook @NWSRI](#)

About Sturgeon in the Wild

What sturgeon eat! (04:43 minutes)

Sturgeon eat different things at different stages of their life. Name or draw one thing sturgeon eat at each of their life stages.

Egg	Larval
Juvenile	Adult

How sturgeon eat! (06:13 minutes)

Sturgeon have no teeth! Then how do they eat? What kind of mouth does a sturgeon have, and how does it eat?

Draw a sturgeon eating at the bottom of the Nechako River.