

NWSRI VIDEO SERIES

VIDEO 4 - PREDATION

This video goes into depth about predation on sturgeon at different life stages. The video also explains a study on otter predation on sturgeon in the Nechako River. This gives a great local example of meaningful research.

There are lots of fun facts for primary students to understand, but the language may be too advanced - especially in the first two minutes. For young learners, it is recommended to start at the Predation Study section (02:15).

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.

Predators at Life Stages: 00:00 to 00:50

This section quickly reviews the main predators of sturgeon at each life stage.

Predation Impact on Conservation Program: 00:50 to 02:15

This section talks about changes in the watershed and how they have made changes to the spawning habitat for sturgeon. Note there is a lot of scientific language in this section.

Predation Study: 02:15 to 05:50

This section shows footage of otters at their latrine sites, and explains the basic outline of the research project to study otter predation on sturgeon. Young learners will enjoy this section as it talks about poop a lot!

Data related to Predation Study: 05:50 to 06:33

This section explains some of the data that has been found out so far from this research.

Other Predators: 06:33 to 09:18

This section talks about humans as predators to sturgeon too. Young learners may be interested in this too as this section related directly to humans fishing for sturgeon.

Additional resources to support this video include:

[History of Nechako White Sturgeon - Timeline](#)

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

[External Anatomy of Sturgeon Presentation](#)

[External Anatomy Lesson 3-1](#)

See the attached Activity Sheet for this video...

DEFINITIONS

Throughout the video, the narrator uses scientific language.

Spawning Success: When there is natural spawning in the river that produces sturgeon.

Predation: When an animal is eaten by another animal.

Latrine: Specific location used by animals (in this case otters) to play and excrete.

Scat: Excrement or poop.

PIT Tags: Passive Integrated Transponder - see the [worksheet about PIT Tags](#)

More available at:

www.nechakowhitesturgeon.org

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About Who eats Sturgeon!

Otters and Sturgeon! (00:00 minutes)

Otters are one of the natural predators of sturgeon.

Name two other animals that eat young sturgeon.

What parts of the sturgeon body protect it from predators?

Draw a sturgeon and point out what parts protect it from predators.

Otter Poop! (02:15 minutes)

Every animal poops.

What is the name of an otter bathroom?

Draw a researcher looking for otter poop along the Nechako River.