

GRADES 11-12 2021-22 STURGEON CALENDAR

**SMARTBOARD - Click on the [LINKS](#) for more!
ON YOUR CLASSROOM WALL - Add your own
events and projects on this calendar!**

WHAT'S HAPPENING WHEN...

September 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
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November 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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January 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					1
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March 2022

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May 2022

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29	30	31				

July 2022

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QUICK LINKS

- | | |
|-------------------------------------|------------------------------------|
| V1 - Conservation Centre | Sturgeon Curriculum Outline |
| V2 - Spawning to Release Stage | Nature Guide to the Nechako Valley |
| V3 - Sturgeon in the Wild | Every Sturgeon Counts |
| V4 - Predation | NWSCC Virtual Tour - Fall |
| V5 - Changes in the Watershed | NWSCC Virtual Tour - Spring |
| V6 - Recovery of the NWS Population | NWSCC Virtual Tour - Summer |
| V7 - Monitoring Programs | |
| V8 - Sturgeon in the Winter | |

Highlighted Calendar Dates/Activities/Links

Use the *Nechako White Sturgeon Curriculum* lessons as starting points, but view the [sturgeon videos](#), and explore the [NWSRI website Research and Publication](#) pages for more in-depth information about research and recovery planning decisions. The [Video Resource Sheets](#) offer additional inquiry and discussion ideas.

September 7: First day of school! Put up your calendar and bookmark it on your Browser!

September 14: Researchers are gearing up for the Juvenile survey. Watch [Video 7](#) and use the [set-lines worksheet](#) to learn more about this research.

September 20: Chinook salmon runs are in full swing by now. Watch [Every Sturgeon Counts](#) and discuss the importance and impact of the Boat Kit Program.

September 26: **BC Rivers Day!** Take a [Virtual Tour](#) of the hatchery in the fall. Start thinking about a stewardship program you can develop for sturgeon.

September 27: Invertebrates play an important role in the river ecosystem and riparian zone. Use the [Sturgeon Kit](#), [Nature Guide](#) or plan a [field trip](#) to a local rivers to see spawning salmon and get a closer look at aquatic insects.

October 5: Bears are now feeding on the spawned salmon. Explore deeper into how these interactions in the watershed are important for [biodiversity](#).

October 10-23: All hatchery sturgeon are getting PIT tags implanted this month. 'Cupcake' is a great example of how effective PIT tags are in research.

November 8: Researchers have completed their fall Juvenile Monitoring program. Check [Where is My Fish](#) to see how many fish have been recaptured over the years and check out the math behind the mark-recapture estimate (see [Video 7](#) for hints).

November 14-20: The water temperature in the hatchery is starting to lower to match temperatures in the river. Feeding slows or may even stop! Watch [Video 1](#) and the [Culturist](#) worksheet to learn more.

November 29: Young sturgeon are vulnerable to predation. Watch [Video 4](#) and expand on how humans have played a role in sturgeon survival.

December 13: Sturgeon are overwintering by now. Watch [Video 8](#) to see sturgeon overwintering. What makes critical overwintering habitat?

January 3: Happy New Year! The NWSRI is finishing another year of recovery work on sturgeon. Have a look at the year in review NWSRI projects.

January 17: Sturgeon have lived since the age of dinosaurs and have been important to First Nations families for generations - watch [Video 6](#) to learn more, then explore [sturgeon history](#) and '[Unel'tsoo](#)'. Think about the events of the last 100 years and their impact on sturgeon.

February 8: Sturgeon researchers are planning [summer research projects](#). (see [Videos 6 & 7](#) too). Create your own sturgeon research project using '[Day in the life of...](#)' as your starting point.

February 21: Family Day! Show your family at least one sturgeon video from the [YouTube](#) page.

March 7: Sturgeon will start migrating to the spawning grounds soon. Review the [map of the watershed](#), watch [Videos 3 & 6](#). Discuss sturgeon migration and [land uses](#) within their distribution.

March 14: **Tour Time!** Take a virtual tour of the hatchery during the spring!

April 4: Sturgeon are now active and start to feed. Watch [Video 2](#), and read [habitat](#) and [food](#). What factors may impact sturgeon at this time of year?

April 17-30: Crews are preparing to (1) release sturgeon into the Nechako, (2) capture adult sturgeon for this year's [brood program](#). Watch [Video 1](#) and use the [Spawn Monitoring worksheet](#).

May 6: Watch for a virtual event, and read about the [Juvenile Sturgeon Release Event](#) from years past.

May 15-21: Staff search for wild spawned sturgeon eggs. Watch [Video 7](#) again and follow @NWSRI.

May 22-28: Spawning is happening at the hatchery and the river! Review [Video 2](#) again and read about '[Anna](#)' before starting on an inquiry project.

June 1: Be proactive - make a check-list of stewardship actions you can take this summer.

June 6: Young sturgeon begin to hatch. Review [Video 3](#) and use '[Stuart](#)' to expand on the idea of land use practices, habitat restoration and stewardship.

June 26-July 2: Sturgeon have grown into larvae.

July 10-16: Most of the eggs that were fertilized in May will now be fully formed juvenile sturgeon.

July 18: The early Stuart River sockeye salmon run. Download the [Nature Guide](#) to use it this summer.

August 1 onward: Take the [summer time Virtual Tour](#). Read [Interpretive signs](#) you see this summer.

BIG IDEAS!

Visit the [Grade 11-12 webpage](#) for lessons and activities to explore these Big Ideas of stewardship and human impacts using *Nechako White Sturgeon* as the example species all year long.

✓ Evolution

✓ Stewardship and restoration

✓ Sustainable land use and climate change

October 2021

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December 2021

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February 2022

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April 2022

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June 2022

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August 2022

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Check out the [Inquiry Project](#) examples that accompany each of the Sturgeon Videos

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Book a tour at the hatchery (when we are allowed); borrow a sturgeon field and/or Storm Drain Kit; download resources from our [website](#); and share your experiences and ideas on our [Facebook page @NWSRI](#), or by emailing info@nechakowhitesturgeon.org.