EXPLORE BIODIVERSITY AND LIFE PROCESSES. SMARTBOARD - Click on the LINKS for more!

### Highlighted Calendar Dates/Activities/Links

#### November 2020
- **November 23:** The water temperature in the hatchery is lowering to match river temperatures. Watch Video 1 and view Culturs to learn more.
- **November 24:** All hatchery sturgeon are getting PIT tags implanted this month. 'Cupcake' is a great example of how effective PIT tags are in research.
- **November 9:** Researchers have completed their fall Juvenile Monitoring program. Check the West is My Fish website to see if any fish you or your school have released were recaptured this fall and where!
- **November 15-21:** The water temperature in the hatchery is lowering to match river temperatures. Watch Video 1 and view Culturs to learn more.

#### December 2020
- **December 2:** Sturgeon have lived since the age of dinosaurs and have been an important part of First Nations history. Read about Uneltsoo and review the history of sturgeon. Go on an explore by focusing on the events of the last 100 years on sturgeon.
- **December 23:** Young sturgeon have scutes to protect them, but are still vulnerable to predators. Watch Video 3 and explore the importance of prey interactions, and how humans have played a role in sturgeon survival.
- **December 30:** Sturgeon are not active over the winter. Use the Nature Guide to explore which animals are active in the watershed over the winter.

#### January 2021
- **January 14:** Adult salmon are an important food source for sturgeon and other invertebrates. Follow the NWSRI on Facebook for more!
- **January 18:** Sturgeon are not active over the winter. Use the Nature Guide to explore which animals are active in the watershed over the winter.
- **January 29:** Sturgeon researchers are planning summer research projects. Create your own sturgeon research project using ‘Day in the life of...’ as your starting point.

#### March 2021
- **March 1:** Winter is slowly coming to an end and sturgeon will start migrating to the spawning grounds soon. Review the map of the watershed, watch Video 3, and talk about sturgeon migration and land use within their distribution.
- **March 4:** This month the water will start to warm up. Sturgeon become active and want to feed. Watch Video 3 to review the life cycle, sturgeon habitat, and food to get ready for the Sturgeon Release Event.
- **April 18-24:** Crews are preparing to (1) release sturgeon into the Nechako, (2) capture adult sturgeon for this year’s brood program. Watch Video 1 again to get talking about conservation.

#### May 2021
- **May 1:** Juvenile Sturgeon Release Event.
- **May 9:** Watch for buoys and boats on the river - they are checking for wild ‘spawndown’ sturgeon eggs. Many recovery programs occur while adult sturgeon are spawning. Follow the NWSRI on Facebook this month for regular updates.
- **May 9-22:** Spawning is happening at the hatchery and the river! Review Video 2 again and read about Anna before exploring further into cellular development in the early life stages of sturgeon.
- **June 1:** Summer break is approaching. Now is the time to look ahead at the different developmental stages of sturgeon spawned at the hatchery.

#### July 2021
- **July 6:** Larval sturgeon feed on micro-organisms and then juveniles feed on aquatic invertebrates. Review how sturgeon eat in Video 3 and link that to what you know about aquatic invertebrates.
- **July 27-30:** Sturgeon have hatched into juveniles roughly 3cm in length!

#### August 2021
- **August 2:** Over the coming months, be sure to visit the hatchery for a tour or to visit any of the places where there are Intergenerational sites.

### BIG IDEAS!
- Cellular processes
- Community, the watershed and environment and our place in it.
- Life stages

### WHAT’S HAPPENING WHEN...

- **Northwest Territories:**
  - **Sturgeon:**
  - **Salmon:**
  - **Mammals:**
  - **Invertebrates:**
  - **School Activity Days:**
  - **Community events:**

### QUICK LINKS
- **Video 1: Conservation Centre**
- **Video 2: Spawning to Release Stage**
- **Video 3: Sturgeon in the Wild**
- **Video 4: Predation**
- **Sturgeon Curriculum Outline**
- **Nature Guide to the Nechako Valley**

### Community Activities
- **May 2021:**
  - **May 1:** Juvenile Sturgeon Release Event.
  - **May 9:** Watch for buoys and boats on the river - they are checking for wild ‘spawndown’ sturgeon eggs. Many recovery programs occur while adult sturgeon are spawning. Follow the NWSRI on Facebook this month for regular updates.
  - **May 9-22:** Spawning is happening at the hatchery and the river! Review Video 2 again and read about Anna before exploring further into cellular development in the early life stages of sturgeon.
- **June 2021:**
  - **June 1:** Summer break is approaching. Now is the time to look ahead at the different developmental stages of sturgeon spawned at the hatchery.
  - **June 7:** Larval sturgeon feed on micro-organisms and then juveniles feed on aquatic invertebrates. Review how sturgeon eat in Video 3 and link that to what you know about aquatic invertebrates.
  - **June 27-30:** Sturgeon have hatched into juveniles roughly 3cm in length!

### Check out the Inquiry Project examples that accompany each of the Sturgeon Videos

@NWSRI nechakowhitesturgeon.org

We want to help YOU LEARN about sturgeon.

Book a tour at the hatchery; watch videos; visit this website and share your experiences and ideas on our Facebook page @NWSRI, or by emailing info@nechakowhitesturgeon.org.