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<p><b>Fall Program: September - December</b></p> <p><b>Macroinvertebrates:</b> ‘Critter Dipping’ and analysis of wetlands water quality through surveys</p> <p><b>Wetland animal diversity:</b> the diversity and characteristics of the animals found in our wetlands, fall migration nature walk and wildlife and bird ID</p> <p><b>Population Dynamics:</b> using local animals to learn about population change and cycles</p> <p><b>Using our senses for science:</b> touchboxes to investigate diversity in wetlands</p> <p><b>Plants against climate change</b> - plant ID, seed collection, the benefits of gardening with local plants and permaculture</p> <p><b>Water chemistry lab</b> - water quality assessment</p> <p><b>Owl pellet dissection</b> - prey skeleton ID, owl biology</p> <p><b>Wetlands on the water</b> - Canoe course (subject to availability)</p> <p><b>‘Wild Art’</b> - the importance of wetlands, the biology of wild animals, plants and fungi through multimedia</p> <p><b>Intro to Forestry</b>-Tree ID and the basics of sustainable forestry</p> <p><b>Mental health and the benefits of being outdoors</b>-strategies and activities for using the outdoors for improving mental health</p>	<p><b>Winter Program: January - March</b></p> <p><b>‘Wetlands in winter’</b>-snowshoeing, NB wildlife ID and ecology,(tracks and scat, furs, mammal skulls)</p> <p><b>Owl pellet dissection</b> - prey skeleton ID, owl biology</p> <p><b>‘Wild Art’</b> - the importance of wetlands, the biology of wild animals, plants and fungi through multimedia, creating a ‘fantastic beast’ using real biological principles</p> <p><b>Intro to Forestry</b>-Tree ID and the basics of sustainable forestry</p>
<p><b>Spring Program: April - June</b></p> <p><b>Macroinvertebrates:</b> ‘Critter Dipping’ and analysis of wetlands water quality</p> <p><b>Population Dynamics:</b> using local animals to learn about population change and cycles</p> <p><b>Wetlands through waterfowl:</b> bird Identification, biology and spring migration</p> <p><b>Plants against climate change</b> - plant ID, seed collection, the benefits of gardening with local plants</p> <p><b>Environmental science of wetlands</b> - conducting environmental quality surveys including water chemistry and soil analysis</p> <p><b>Wetlands on the water</b> - Canoe course (subject to availability)</p> <p><b>‘Wild Art’</b> - the importance of wetlands, the biology of wild animals, plants and fungi through multimedia</p> <p><b>Mental health and the benefits of being outdoors</b>-strategies and activities for using the outdoors for improving mental health</p>	<p><b>DUC Spring Program (Booked through Ducks Unlimited Canada): April -June</b></p> <p><b>Migration headache</b> - a look at the hazards of bird migration and population monitoring</p> <p><b>Wetlands benefits</b> - the importance and many benefits of wetlands for everyone</p> <p><b>Bird ID</b>- the biology of waterfowl and migratory birds</p> <p><b>Critter Dipping</b>- macroinvertebrate ID and their link to water quality and wetlands health</p>



**Who are we?:**

The Tantramar Wetlands Centre (TWC) is a not-for-profit charity that delivers education programs focusing on outdoor education, the importance of wetlands, environmental awareness and stewardship. Student volunteers at Tantramar Regional High School help us deliver our programs to visiting classes and community members, because students love learning from other students!

**Our Story:**

Established in 1997, students from Tantramar Regional High School assisted the Canadian Wildlife Service and Ducks Unlimited Canada in the construction of a freshwater wetland on the school's property. This wetland restoration is the centrepiece of 50 acres of wildlife habitat managed as an outdoor classroom by TWC. Wide trails and pathways provide safe access to the site and connect this natural laboratory to an indoor wet lab and work area equipped to handle large groups of visitors. An extensive inventory of field and laboratory equipment is available for use by program participants. Whether the activity calls for hip waders or binoculars, TWC provides the necessary tools to reveal the mystery and excitement wetlands offer.

**Our Programs are:**

- ❖ Curriculum based
- ❖ Experiential and hands-on (the 'muddy boots' approach to learning!)
- ❖ High School student supported and/or led
- ❖ Customizable to fit the needs of your class

<b>Want to book your class at TWC?</b>	<b>Please email us with all of your questions! There is no charge for public schools visiting TWC, which is a non-profit charitable organisation, although donations are always welcome. Ask about our bus subsidy program!</b>
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**Anglophone East School District**  
A Better Future... Through Quality Education



**New Brunswick**  
Your Environmental Trust Fund at Work



Tantramar Regional High School

Eastern Joint Habitat Fund