

SUMMARY REPORT NAVIGATE 2018

MARCH 8-11, 2018 | CANMORE, ALBERTA



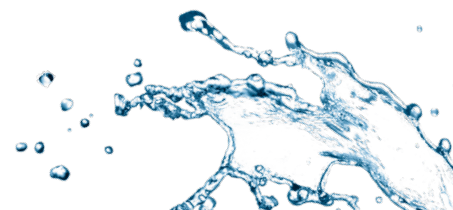
INSIDE EDUCATION IS PROUD TO SHARE THE STORIES AND OUTCOMES FROM NAVIGATE 2018.

The **Navigate 2018 Youth Water and Environmental Leadership Summit** brought together 120 high school students and teachers, as well as professionals from across Alberta to discuss water, climate change and environmental stewardship while encouraging school-based action on these topics. Navigate 2018 was the latest in Inside Education's series of award-winning youth summits that have been taking place since 2011.

Navigate 2018 was a unique opportunity for students to network with like-minded environmental leaders, be inspired by environmental leadership in action throughout the province and to hear about Alberta's big water topics

directly from water and climate leaders. Open conversation and consideration from multiple perspectives enables students to make informed decisions and to define their own role in creating a sustainable future in Alberta.

The experience of participating in Navigate 2018 equipped the twenty teams with knowledge, skills, resources and contacts to help them develop the environmental literacy of their home communities through their Water Leadership Projects. The passion, innovative thinking and engagement shown by each team speaks to the positive and bright future for water, climate and environmental stewardship in our province.

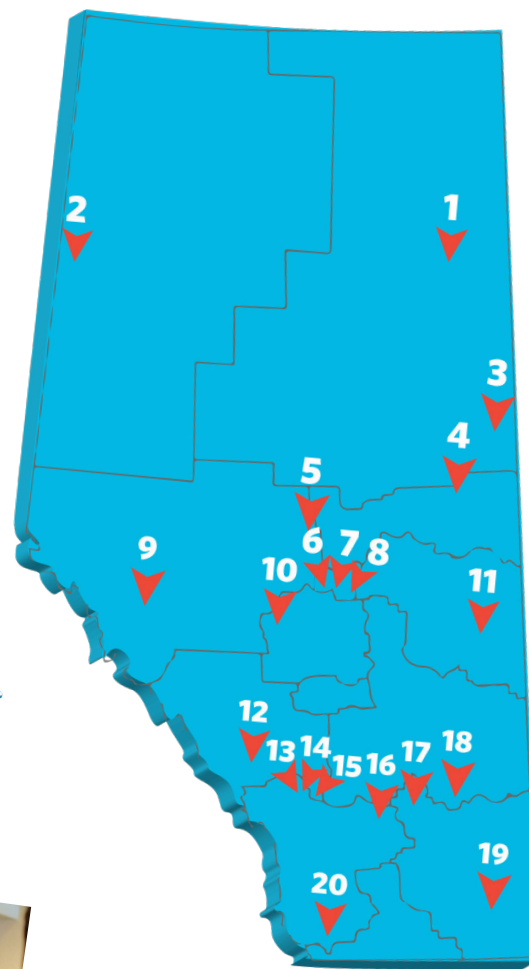




THE PARTICIPANTS

Teams of four high school students and two teachers from twenty schools across the province were selected to join Inside Education at Navigate 2018.

There was high demand for participation by Alberta high schools as the twenty schools attending were selected from a pool of nearly fifty applications. Navigate 2018 teams were selected based on their ideas and passion for developing water and environmental stewardship through their Water Leadership Projects, as well as geographic diversity representing the province's watersheds.



PARTICIPATING SCHOOLS / COMMUNITIES

- Canmore Collegiate High School** | Canmore
- Career and Technology Centre** | Calgary
- École Desrochers High school** | Jasper
- École Voyageur School** | Cold Lake
- Fort McMurray Composite High School** | Fort McMurray
- Hughenden Public School** | Hughenden
- J. Percy Page High School** | Edmonton
- James Fowler High School** | Calgary
- Kainai High School** | Cardston
- M.E. LaZerte High School** | Edmonton
- Morinville Community High School** | Morinville
- Robert Thirsk High School** | Calgary
- Savanna School** | Silver Valley
- Senator Gershaw School** | Bow Island
- Siksika Nation High School** | Siksika Nation
- St Joseph's Collegiate** | Brooks
- St. Joseph High School** | Edmonton
- St. Paul Regional High School** | St. Paul
- Strathcona-Tweedsmuir School** | Okotoks
- West Central High School** | Rocky Mountain House



THE PROGRAM

Navigate 2018 was an engaging and interactive program designed to enhance understanding and knowledge of water, environmental science, innovation and stewardship. Navigate 2018 was designed after consulting an advisory panel of **17 water professionals** from across the province who provided insight into the important water issues our province is currently facing. From these responses, the program was developed to encompass the important themes that are most essential in creating a full understanding of Alberta's water story.

The three-day summit included a mix of panel and speaker sessions, team-building workshops, interactive activities and self-reflection, allowing teachers and students the opportunity to connect the big water topics in Alberta back to their own communities and schools. Most importantly, Navigate 2018 allowed students the space and opportunity to share their views on water topics and ask the questions that mattered to them.

"Due to the inspiring program I was able to attain vast amounts of knowledge regarding the environment. My views coming into this and leaving this program have definitely shifted, and for the better, giving me more reason and insight into an important topic affecting not only my life, but the lives of our future generations."
Tyler | Student - M.E. Lazerte High School

Over **40 water stakeholders** contributed knowledge, information and expertise to the conversations about water and environmental stewardship over the course of Navigate 2018. Each water stakeholder who took part in the program provided essential insight to develop student and teacher understanding of, and personal connection to Alberta's water story.

Our expert "Navigators" included Canadian rocket scientist **Natalie Panek**, named one of Canada's Top 100 Most Powerful Women, who inspired us all to be everyday explorers of the world around us. **Sykes Powderface**, an Elder from the Stoney Nakoda First Nation, shared the importance of water in Indigenous world views. Youth water leadership was celebrated with a panel comprised of **Sundre High School students, Disa CrowChief, Breda Muldoon, Kelcie Miller-Anderson, and Haidar Putra**. Each panelist shared their innovative projects and involvement in water and environmental stewardship in Alberta.

These individuals along with many others came together to enhance water and climate education in Alberta. For a full list of organizations who took part in Navigate 2018, please visit: www.navig8.ca/our-navigate-speakers/

THE IMPACT

Each team will take their new found knowledge and experience back to their school communities in the form of a Water Leadership Project. These projects will continue to grow and develop over the course of the spring and can be followed online at www.navig8.ca.

JUST A SAMPLE OF THE NAVIGATE WATER LEADERSHIP PROJECTS

SIKSIKA NATION HIGH SCHOOL (Siksika, AB) & **ST. JOSEPH'S COLLEGIATE** (Brooks, AB)

They have connected post-Navigate after St. Joseph's students were inspired to action when they learned about water challenges on Alberta's First Nations reserves. The two schools are teaming up to tackle water availability issues in southern Alberta communities.

MORINVILLE COMMUNITY HIGH SCHOOL (Morinville, AB)

They will rehabilitate a local riparian zone by replanting native species to help improve the creek's health. Their planting day will involve elementary students so that the experience and knowledge can be passed on to a younger group of students.

ST. PAUL REGIONAL HIGH SCHOOL (St. Paul, AB)

They are growing edible plants using excess nutrients in fish tanks, with the goal of testing the growth of plants in water from a local lake. They are gathering data over the course of the project in order to quantify their findings and test their hypothesis of reducing lake eutrophication through cultivation and harvesting of aquatic plants.

SAVANNA SCHOOL (Silver Valley, AB)

They will be creating a community garden using innovative "wicking beds." These beds will reduce watering frequency, enabling the team to easily manage their garden throughout the hot summer while the students and teachers are not on-site every day.

SENATOR GERSHAW SCHOOL (Bow Island, AB)

They are designing a rainwater catchment system for their school roof as part of their large-scale school naturalization program. The captured water will be used to water plants on their school grounds, and will feed into the greenhouses that will be built in the coming year.

"I have learned so much during this summit and I cannot wait to put it into action. It's amazing that you guys give us the opportunity to speak with stakeholders in the water industry, listen to youth motivators and connect with other water leaders our own age! Here's to using my voice to help my community..."
Haillee | Student - Morinville Community High School

THE FEEDBACK

100%

- Agree they have a better understanding of water issues in Alberta.
- Learned more about the future of water. (research, technology, innovation, careers)
- Learned more about the story of water in Alberta.
- Agree Navigate 2018 was enjoyable, educational, and inspiring!

94%

- Learned more about current water related issues.
- Learned about varying perspectives related to water.
- Learned ways to be a leader in Alberta's water and environmental future.



"I was so inspired by all the interested young adults at Navigate. I am so proud of my students and so excited about where this journey will take them. Keep up the amazing work!"

DJ Bruised Head
Climate Change Coordinator -
Kainai Nation

OUR PARTNERS

Inside Education extends sincere appreciation to the Navigate 2018 program partners.

Support of Inside Education and especially our nationally-recognized youth summits makes possible what students have called life-changing learning experiences. In our quest to remove all barriers to student learning, experience and engaging action, partner support of Inside Education makes a tremendous difference in the lives and learning of tomorrow's water and environmental leaders.



FUTURES

In 2018, Inside Education will be contacting all of the 160 Navigate and Generate attendee high schools from 2011-2018 to follow up on the status of their leadership and action projects. We will use this information to measure and share the long-term impact of Inside Education youth summits.

Inside Education prides itself for being at the forefront of important environmental and natural resource topics. Water and environmental stewardship are two critical pieces and we believe the ongoing support of water and environmental leadership through future youth summits plays a crucial role in Alberta's future. With this in mind, planning has begun for next year's **Generate 2019 | Youth Energy & Climate Leadership Summit**, scheduled for March 2019.



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