



**UNIVERSITY
OF ALBERTA**

Knowledge Camp Agenda

August 15th – 19th, 2022
Augustana Miquelon Lake Research Station

Monday August 15th, 2022:

The team from the University of Alberta's Augustana Campus starts the camp week with a **FUNDAY MONDAY** and a **morning hike** as we "get back to nature" and explore the Augustana Research Station and its surroundings. Participants will start off with some "get to know you's" and your fellow campers, learn a bit about Miquelon as well as all about the Augustana Research Station! We will then take some time to set up a wildlife camera, and then chat about beavers and other semi-aquatic mammals through a "Whiskers in the Water" presentation! Day 1 will be packed with interest and intrigue as we explore and get to know our fellow campers!

Tuesday August 16th, 2022:

Our friends from the North Saskatchewan Watershed Alliance bring us Day 2 of our camp or **H2O TUESDAY!!!** Do you know what a watershed is? Do you know that everyone on Earth lives in one? We'll spend the morning learning about what a watershed is and why protecting watershed health is important for all living things. Participants will have the chance to put on a pair of chest waders and wade into Miquelon Lake to do some water quality testing and complete a survey of benthic invertebrates – the bugs that live in water that can help us figure out how healthy a waterbody is. The day will end with a discussion of our results and what you and your community can do to protect the health of waterbodies and watersheds!

Wednesday August 17th, 2022:

It's **WATER WEDNESDAY** friends and TSAG is extremely happy to be bringing you the day's activities and more as we learn about different types of water sources, where water comes from, how to treat water! Do you know where your water comes from or how it gets from the water sources we often see like lakes and rivers to the taps we turn? This day will help us understand this process, take us through an actual water plant AND let us play with some toys that will help us better understand water and how it comes to be drinkable, consumed and treated!



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Thursday August 18th, 2022:

Join our friends from WSP for THE WONDERS OF WILDLIFE! We'll be out and about looking for wild critters and asking questions about their habits and habitats. From learning bird songs and viewing them with binoculars, to finding out about frog/salamander/snake ecology, to tracking mammals using tracks and scat. Think you've got tracking skills? Take the tracking test to find out how your tracking skills measure up with wildlife biologists out in the field. What about the animals we don't get a chance to see? Wildlife cameras! We'll be looking at photos from several cameras set up on site so that we can catch a glimpse at the sneakier and more elusive critters. Come see if you spot any you can recognize!

Friday August 19th, 2022:

Our friends from the team from the University of Alberta's Augustana Campus will close out this amazing camp with LOST IN THE SKY FRIDAY!! A great day to explore the solar system (the sun, the moon and planets) and get your feet off the ground and in the sky. From objects we can see out in the sky at night and during the day, to how the solar system works (and what phenomena happens here on Earth due to astronomical activity), Friday will be a day you don't want to miss! Participants will be viewing some daytime objects through telescopes, we will look at how we can study the sky for the purposes of storytelling, navigation, telling time, and weather forecasting with cloud observing. Get lost in the skies as we wrap up the camp with an out of this world experience!