



KEY To the Forest – A Science Enrichment and Outdoor Experience Program July 10 – 19, 2016 Shoe Lake, Nopiming Provincial Park

Are you 16-18 years old, interested in environmental sciences and the outdoors, and are looking for a cool way to learn about the environment in a hands-on way? Would you like to spend an awesome 10 days in the boreal forest in eastern Manitoba, learning how to conduct environmental monitoring studies and gain other valuable outdoor skills? If so, have we got a program for you!



The Manitoba Model Forest (MBMF), a non-profit organization dedicated to environmental sustainability research and education, is offering a science enrichment and outdoor experience program in 2016: KEY (Knowledge, Environment, Youth) to the Forest. Our goal is to get youth back to nature, in a learning environment. You'll spend 10 days in our outdoor laboratory: the boreal forest, learning how to set up and conduct your own environmental monitoring projects. You will use the latest and greatest gadgets and gizmos that scientists use for environmental research projects. You'll collect your own data and figure out what it all means. You will learn what makes our boreal forest tick – how forests, soils, wildlife and water interact to produce the largest forest ecosystem in the world. You will also learn to use a GPS, participate in geo-caching and gain some canoeing skills.

Design and execute your own monitoring studies on:

Wildlife, Aquatic Ecosystems, Forests
Learn how to use a GPS and about Geo-caching

The program will be taught by Bob Austman, MBMF Education Coordinator, and Dr. Brian Kotak, ecologist.

When: July 10 -19, 2016

Where: Manitoba Conservation Provincial Forest Fire Fighting Training Centre, Shoe Lake (Nopiming Provincial Park)



Cost: \$250 per student

Included: Transportation to Shoe Lake from Lac du Bonnet, MB (and back). Just make arrangements to be dropped off/picked up at the Manitoba Conservation building in Lac du Bonnet.

All meals and accommodations (cabins) at Shoe Lake.

All program materials and monitoring equipment

You Bring: Sleeping bag and foam mattress, pillow, clothing (don't forget your bathing suit and beach towel), rain jacket, personal items (toiletries, bug repellent, sun screen, camera, fishing gear), flashlight, hiking boots or sturdy shoes, notebook and pens. Note: cell phones do not work at Shoe Lake as there is no cellular coverage. A complete list of things to bring will be supplied upon registration.

How to Register

Interested students can contact Bob Austman, MBMF Education Coordinator to register. The attached registration form can be mailed or emailed to Bob. The form needs to be signed by a parent or guardian and returned by Friday, June 10, 2016. Payment in full must be made by June 24, 2016. There will be no refunds due to withdrawal by the student. Cheques can be made payable to Manitoba Model Forest.

Manitoba Model Forest
P.O. Box 6500
Pine Falls, MB R0E 1M0
(204) 268-1140 (Bob Austman)
bobaustman@mynetset.ca

Space is limited to 12 students, so apply early!

Visit us at www.manitobamodelforest.net

What Previous Students Say about KEY to the Forest

- The experience I gained was priceless and the memories are unbelievable. Shoe Lake is so beautiful
- The different skills I learned will look great on my resume
- I really enjoyed the variation in activities and topics
- The program opened my eyes to different career opportunities
- The meals and accommodations were amazing
- I really liked the fact that we not only learned from the instructors, but that the instructors encouraged us to learn from each other
- I would definitely recommend this program to other students with an interest in the environment
- I would like to pursue a career in wildlife biology, and the program has taught me much about this career
- I will never look at the forest with the same eyes. I learned so much
- Brian and Bob were awesome instructors
- I want to come back next year as a volunteer!
- Wow! Chocolate cake and pizza made on a BBQ. Suzanne was an excellent cook!
- I live in the city. This was my first time camping, sleeping in a cabin and my first campfire! What a great experience
- The program made me even more interested on environmental sciences
- I made so many new friends!
- This was a once in a lifetime opportunity
- I was already interested in this type of thing before I came here. Because of the program, I was introduced to some of the many career opportunities in natural resource management. Opened my eyes
- The spare time for canoeing, fishing, and just sitting on the shoreline was great.

Manitoba Model Forest KEY to the Forest Program
July 2016

Application Form

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|----------------------|--------------------------------------|
| Student's Name: | |
| Mailing Address: | Home phone: Cell phone: Email: |
| Name of High School: | Current Age: |

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| Parent/Guardian Name(s): | |
| Parent/Guardian Mailing Address (if different from student): | Home phone: Cell phone: Email: |
| Signature of Parent or Guardian: | |

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| Briefly describe your interests in environmental sciences (use an additional blank page if needed) |
|--|

Name of Student:

Do you have any allergies (e.g., wasp/bee stings, etc.) or other medical conditions that we should be aware of? Do you have any special dietary requirements?

Important Dates: Application Deadline Friday, June 10, 2016
 Non-refundable Payment Deadline Friday, June 24, 2016

Send applications to:
Manitoba Model Forest
P.O. Box 6500
Pine Falls, MB R0E 1M0
bobaustman@mynetset.ca