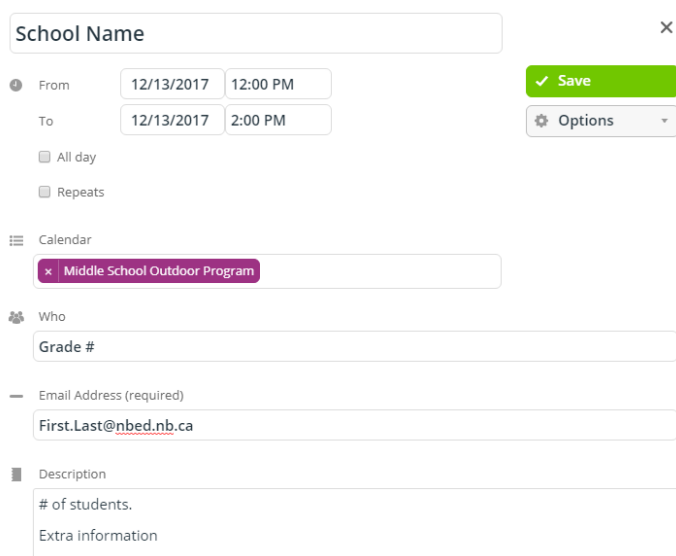


## www.meduxnekeag.org Outdoor Environmental Education Program

The Meduxnekeag Outdoor Environmental Education (MOEE) Program is a curriculum linked, inquiry based outdoor program. Each program requires 2 hours to complete, excluding travel time. Grade 8 students participate in a water quality testing experiment that allow them to experience environmental field work, use trade tools, techniques and explore their local environment with a focus the importance of water quality for society and nature.

### Frequently Asked Questions

**How do you book an Outdoor Environmental Education Program?** The following link <https://teamup.com/ks4020f784a423c477> will take you to our online booking calendar where you can see the times that we have available. Please pick a date and time that works for you, right click on that time slot and a window will pop up. Please fill in the following information: School, Grade, Date, Time, and Teacher's Name and Teacher's Email. *If for any reason you are having difficulties with the booking site please contact Jennifer at [meduxnekeag@nb.aibn.com](mailto:meduxnekeag@nb.aibn.com) or 328-8227 to book directly.*



The screenshot shows a booking form with the following fields and options:

- School Name:** A text input field with a close button (x).
- From:** Date and time selection (12/13/2017, 12:00 PM).
- To:** Date and time selection (12/13/2017, 2:00 PM).
- Buttons:** A green "Save" button and a grey "Options" button with a gear icon.
- Checkboxes:** "All day" and "Repeats".
- Calendar:** A section with a calendar icon and a selected event "Middle School Outdoor Program".
- Who:** A section with a "Grade #" input field.
- Email Address (required):** An input field with the placeholder "First.Last@nbed.nb.ca".
- Description:** A section with "# of students." and "Extra information" labels.

**How long is the MOEE Program?** Each program is 2 hours long.

**What do students need to bring/ wear?** Students should be dressed for the weather, we walk rain or shine. Sturdy shoes are a must. Please no sandals or cros as the trails can become slippery and muddy in areas. Bug spray, sun screen and water are also advisable to have on hand.

**Are the MOEE Programs grade specific?** Yes, the programs are grade specific to optimize curriculum connections. Grade 6-Tree Measurements. Grade 7- Soil Sampling. Grade 8- Water testing.

**Can split classes participate in the MOEE Programs?** Yes, split classes can participate, but the teacher must decide which program they wish to do.

**Who books the bus?** It is the school's/teacher's responsibility to book the bus.

**Who is responsible for the cost of the bus?** The Meduxnekeag River Association covers the cost of the bus.

**Where is the preserve? Wilson Mountain (Grade 8 Program Location)** Directions from Kojax/Petro Canada 121 Highway 550. Continue past Kojax on the 550 for 2 km. Turn left on Red Bridge Road for 2.6 km to civic address 260. The parking lot is on your left. (If you continue down the road for another 0.2 km there is a driveway for easy turning)

**Are there lesson plans provided for these programs?** Yes, each program has its own lesson plan that will be sent to you upon booking a program. Lesson plans can also be found on the Meduxnekeag website [Meduxnekeag.org](http://Meduxnekeag.org) or by request by emailing Jennifer at [Jennifer.Krista.Calhoun@unb.ca](mailto:Jennifer.Krista.Calhoun@unb.ca)

**Are there follow up activities that can be done in class?** Yes, there are suggested follow-up activities for each program. Located at the bottom of the lesson plan or in the Meduxnekeag Outdoor Environmental Education Teachers Package

### **How are the MOEE Programs Curriculum Linked?**

*Science Attitude Outcome for grade 6-8*

- 422- appreciate the role and contribution of science and technology in our understanding of the world
- 431: Work collaboratively in carrying out investigations as well as in generating and evaluating ideas
- 432: be sensitive/responsible in maintaining a balance between the needs of humans and a sustainable environment

*Social Studies Attitude Outcome goals for K-12*

- Student expected to demonstrate an appreciation for: physical settings, natural beauty and the availability of resources

### **How are the MOEE Programs Curriculum Linked?**

#### **Science**

Unit 1: Earth and Space Science: Water Systems on Earth

*Science- Technology- Society- Environment (STSE) Outcomes*

- 111-3 provide examples of technologies that have enabled scientific research
- 111-6 apply the concept of systems as a tool for interpreting the structure and interactions of natural and technological systems
- 112-5 provide examples of public and private Canadian institutions that support scientific and technological research and endeavors

*Skills Outcomes*

- 210-3 identify strengths and weaknesses of different methods of collecting and displaying data
- 210-6 interpret patterns and trends in data, and infer and explain relationships among the variables
- 210-11 state a conclusion based on experimental data, explain how evidence gathered supports or refutes and initial idea
- 210-16 identify new questions and problems that arise from what was learned
- 211-2 communicate questions, ideas, intentions, plans, and results, using lists, notes in point form, sentences, data tables, graphs, drawings, oral language, and other means

*Knowledge Outcomes*

- 311-11 describe processes of erosion and deposition that result from wave action and water flow
- 311-8 analyse factors that affect productivity and species distribution in marine and fresh water environments

#### *Math*

- N3: Demonstrate an understanding of percents greater than or equal to 0%.
- N4: Demonstrate an understanding of ratio and rate
- PR1: Graph and analyze two-variable linear relations.
- SP1: Critique way in which data is presented

*Social Studies*

- 2.3.1 understand the effect of the physical environment (the sea, climate and seasons, geography, resources) of Atlantic Canada in shaping its culture
- 2.4.8 select one Aboriginal cultural group in Atlantic Canada and examine ways in which its members expresses their identity (A)
- 2.6.1 understand the extent to which geography/ location affects the traditional occupations of Atlantic Canadians
- 2.6.2 determine the extent to which climate and seasons affect the occupations within a selected area of Atlantic Canada