

STEM Days for Homeschoolers at UNB!

Schedule (subject to change)

TIME	Grade 3 to 5	Middle School						High School					
9:30 - 9:45	Arrival, Sign-in, Welcome												
10:00 to 10:50	Math Title: TBA Presenter: John McLoughlin Capacity: 25 Location: TBA	Engineering Title: TBA Presenter: Katie Skead/TBA Capacity: 25 Location: TBA	Math Title: Building Geometry Presenter: Nicholas Touikan Capacity: 20 Location: TBA	Engineering Title: TBA Presenter: Katie Skead/TBA Capacity: 20 Location: TBA	Nursing Title: A Nursing Tour Presenter: Rebecca Fullarton Capacity: 20 Location: MacLaggan Hall-Rm 23	Chemistry Title: Cabbage juice indicator Presenter: Val Reeves Capacity: 20 Location: Toole 103	Math Title: The Math of Paper Folding Presenter: Justine Gauthier Capacity: 20 Location: TBA	Engineering Title: TBA Presenter: Katie Skead/TBA Capacity: 15 Location: TBA	Earth Science Title: Groundwater Presenter: Ann Timmermans/TBA Capacity: 20 Location: rm 23, FG Bldg	Physics Title: Five Simple Rules for Being a Particle Presenter: Dan Trojand Capacity: 20 Location: TBA			
11:00 to 11:50	Earth Science Title: World of Minerals Presenter: Ann Timmermans/TBA Location: rm 104, FG Bldg	Math Title: TBA Presenter: John McLoughlin Capacity: 25 Location: TBA	Math Title: Building Geometry Presenter: Nicholas Touikan Capacity: 20 Location: TBA	Physics Title: Signals and Encryption Presenter: Dan Trojand Capacity: 20 Location: TBA	Nursing Title: A Nursing Tour Presenter: Rebecca Fullarton Capacity: 20 Location: MacLaggan Hall-Rm 23	Chemistry Title: Cabbage juice indicator Presenter: Val Reeves Capacity: 20 Location: Toole 103	Math Title: The Math of Paper Folding Presenter: Justine Gauthier Capacity: 20 Location: TBA						
12:00 to 12:50	Lunch TBA												
1:00 to 1:50	Earth Science Title: World of Minerals Presenter: Ann Timmermans/TBA Location: rm 104, FG Bldg	Engineering Title: TBA Presenter: Katie Skead/TBA Capacity: 25 Location: TBA	Math Title: Building Geometry Presenter: Nicholas Touikan Capacity: 20 Location: TBA	Engineering Title: TBA Presenter: Katie Skead/TBA Capacity: 20 Location: TBA	Earth Science Title: Landslides! Presenter: Ann Timmermans/TBA Capacity: 20 Location: rm 24, FG Bldg	Physics Title: Signals and Encryption Presenter: Dan Trojand Capacity: 20 Location: TBA	Nursing Title: A Nursing Tour Presenter: Rebecca Fullarton Capacity: 20 Location: MacLaggan Hall-Rm 23	Engineering Title: TBA Presenter: Katie Skead/TBA Capacity: 15 Location: TBA	Earth Science Title: Groundwater Presenter: Ann Timmermans/ TBA Capacity: 20 Location: rm 23, FG Bldg	Math Title: The Math of Paper Folding Presenter: Justine Gauthier Capacity: 20 Location: TBA	Chemistry Title: Cu Experiment Presenter: Val Reeves Capacity: 20 Location: Toole 103	Physics Title: Five Simple Rules for Being a Particle Presenter: Dan Trojand Capacity: 20 Location: TBA	
2:00 to 2:50	Engineering Title: TBA Presenter: Katie Skead/TBA Capacity: 25 Location: TBA	Math Title: TBA Presenter: John McLoughlin Capacity: 25 Location: TBA	Math Title: Building Geometry Presenter: Nicholas Touikan Capacity: 20 Location: TBA	Earth Science Title: Landslides! Presenter: Ann Timmermans/TBA Capacity: 20 Location: rm 24, FG Bldg	Engineering Title: TBA Presenter: Katie Skead/TBA Capacity: 20 Location: TBA	Physics Title: Signals and Encryption Presenter: Dan Trojand Capacity: 20 Location: TBA	Math Title: The Math of Paper Folding Presenter: Justine Gauthier Capacity: 20 Location: TBA			Nursing Title: A Nursing Tour Presenter: Rebecca Fullarton Capacity: 20 Location: MacLaggan Hall-Rm 23			
3:00	End of STEM Day - Sign-out, Goodbye and see you again soon!												

Registration

Families must register through the **Homeschoolers Educators of New Brunswick**. If registration is FULL, names can be placed on a waiting list. ** Students must sign in and out on arrival and departure to UNB. Students DO NOT need to stay the entire day. Parents can pick up their child at any time. Please be sure to sign out your child before departure.

Parking

Parking is available anywhere on campus, though we highly recommend parking where spaces are readily available: behind the Currie Centre or Aitken Centre. All participants are required to print out and display a UNB **Conference Pass** on the dashboard of their vehicle at all times when parked at UNB. A conference parking pass will be emailed to you in advance.

Format

Each activity is 50 minutes in length, and in some high school activities, 1 hr 50 minutes. Activities will involve hands-on experience using the resources available at the UNB. Each department has developed a curriculum (a "STEM journey") to allow students to explore each subject. Groups range from 10 to 20 students in size.

Cost/Confirmation

Cost of the program is FREE to homeschooled students.

Drop-off/Pick-up

Students can be dropped-off and picked-up at the Quartermain Earth Science Centre, Forestry&Geology building, 2Bailey Drive, UNB. The museum is located through the main doors (front of the building) on the main floor. Parents must sign-in their child with their assigned chaperon.

Cancellation

We understand that unforeseen circumstances happen and students may need to cancel their registration. To allow for other students to attend, we ask that families of students that cannot attend to please contact us as soon as possible (Jessica MaLeod at 506-454-8837 or email maLeod.jessica.lynn@gmail.com)

Chaperons

All groups must be accompanied by a chaperon assigned by the Home Educators of New Brunswick. Duties include: accompanying student to the various activities, accompanying students to bathrooms, supervising students to lunch. Ratios should be as follows: 1 chaperon per 6 elementary students 1 chaperon per 10 middle school students, 1 chaperon per 20 high school students.

Final thoughts

All organizers and instructors of "STEM Days for Homeschoolers at UNB" will strive to make this a safe, inspirational and positive experience for all students. As this is a new venture in New Brunswick, there will be many opportunities for students and their families to provide feedback. We hope that we can continue to improve this opportunity and, in the near future, repeatedly offer "STEM Days for Homeschoolers" across the province!