<https://sites.stfx.ca/chemistry/camps.html>

**Summer X-Scitement! REGISTRATIONS WILL BE ACCEPTED UNTIL BEGINNING OF EACH CAMP. Deadlines are for T-shirt orders only.**

   

 The X-Chem Outreach Program is proud to offer the return of our ever-popular Chemistry and Science Camps! The summer X-SCITEMENT series will consist of both chemistry and science camps as well as six Codemaker camps and an All Girls science camp. All camps are hosted by X-Chem and take place in a lab (chemistry or computer) at St. Francis Xavier University.

Elements, Atoms and Molecules will be exposed to exciting chemistry demos as well as conduct hands on experiments that will capture your imagination!

Codemaker campers will take a look at the inner workings of computers, use various software and Makey-Makey interfaces, learn the ideas behind programming, build items using electronic kits,  and program robots and computers at various levels of complexity. This year we have expanded to six Codemaker camps to include more age groups as well as an All Girls camp. The StFX Computer Science Department will be involved in our coding camps.  All Summer 2018 Codemaker camps are free thanks to funding from CanCode received through our membership with Actua.

.Trail Blazer, Adventure and Discovery groups will be exploring the worlds of chemistry, biology, physics, geology, engineering and much more! This year all of the activities will be different from those done last year!

Each camp is geared towards the specified age groups with challenges varying from beginner to advanced. Campers can be registered in the camps for the grade which they are going into, ie. a child finishing Grade 2 should be enrolled in a Grade 3-4 camp. Exceptions can be made, within reason.

**\*Camps run from 9am-3pm. Early drop off (8:00am) and/or late pick up (4:00 pm) can be arranged for an additional $5.00/hour.**\*

**On Campus Summer Schedule 2018**

**Camp Location: St FX Physical Science Centre, Antigonish.  Computer camps will use a computer lab in the Schwartz building (Schwartz 252), but will start off daily at the Physical Science Centre**

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| --- | --- | --- | --- | --- |
| **CAMP** | **GRADES** | **CONTENT** | **DATES** | **CAMP FEE** |
| \*[Molecules](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUNlZTSzdCRlBBQTRGUUM1QUZFWFkzWllDOS4u) | 5 - 8 | Chemistry | \*July 3 - 6 | $80 |
| \*[Codemaker I](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUOVgwVlZPUjkyR0hIMU9RNklOVDE5TzJCNS4u) | 1 - 4 | Girls Coding | \*July 3 - 6 | \*\*FREE |
| [Atoms](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpURU83QVRHTlZEUFlCR1E0NkxQUjhaODROUC4u) | 3 - 4 | Chemistry | July 9 - 13 | $100 |
| [Codemaker II](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUMEoyVEswUEw0RDMzTjRCOExGNTFUWlROOC4u) | 1 - 2 | Intro to computers & simple coding | July 9 - 13 | \*\*FREE |
| [Elements](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUNVMxUVVVMU5DOFBVQlpJOUVETTc0QzdJMC4u) | 1 - 2 | Chemistry | July 16 - 20 | $100 |
| [Codemaker III](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUNzBRR0E1QjdENEpGV0EyU1g2TFZNSVpQRC4u) | 3 - 4 | Coding activities | July 16 - 20 | \*\*FREE |
| [Pipets](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUNTRaOU1CUEI4QkU3MEg2VkRKWFJBUEhGNi4u) | 1 - 4 | Girls Science | July 23 - 27 | $100 |
| [Codemaker IV](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpURUgzQVBQVkNPN0tLQTlLUjJGUUo2QTZOWC4u) | 4 - 6 | Intro to programing | July 30 - Aug 3 | \*\*FREE |
| \*[Trail Blazers](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUMTJHM0g3TlQ2RTZFTTZCTjFJNFZMUzVKTS4u) | 1 - 2 | Science | \*Aug 7 - 10 | $80 |
| [Adventure](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUQUwwM1U1NEo3VFhCWlYxMkUyVjJHSExKSS4u) | 3 - 4 | Science | Aug 13 - 17 | $100 |
| [Codemaker V](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUMVc5RE5BSjE1VjhOWkpES1JQMkRCUjc5Vy4u) | 6 & up | Coding with simple programing | Aug 13 - 17 | \*\*FREE |
| [Discovery](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUMFJHME05WlA0SDM5TDJTNlJBOEROQkJZVy4u) | 5 - 8 | Science | Aug 20 - 24 | $100 |
| [Codemaker VI](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUN01MOUNLT1NPSDAwSTdZQUowVjJZMUZPRy4u) | 9 - 12 | Advanced coding & programing | Aug 20 - 24 | \*\*FREE |

**\*Please Note** Molecules (Grade 5-8 Chemistry), Codemaker I (Girls Coding), and Trail Blazers (Grade 1-2 Science) start on a Tuesday, due to the Monday holidays.

TO REGISTER:

**- Click camp title in schedule above to register online.  Please also fill out the**[**On Campus Camp Fee form**](https://forms.office.com/Pages/ResponsePage.aspx?id=x6tGjAuWJEGJUBYosrGS-Z6DOazMh4pOko3GqDp5ZvpUREdDRU42MjRaVFE0TEJQRlBGMTBUTUJVMi4u)**if registering online.**

**- Or fill out**[**Printable Application Form (On Campus Camps)**](https://sites.stfx.ca/chemistry/sites/sites.stfx.ca.chemistry/files/2018_Application_%20XCamps_.pdf)**, email, fax or mail form to X-Chem Outreach.**

**Off Campus Summer Schedule 2018**

**This year X-Chem also offers various satellite science camps!  Camp hours are from 9am to 3pm, Monday through Friday unless otherwise specified.**

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| --- | --- | --- | --- | --- |
| **CAMP LOCATION** | **GRADES** | **TYPE** | **DATES** | **CAMP FEE** |
| Mulgrave (2 days) | Grades 1-8 | Science | July 3-4 | $40 |
| Sherbrooke (2 days) | Grades 1-8 | Science | ﻿July 5-6 | $40 |
| Strait-Richmond (2 days) | Grades 1-4 | Science | July 10-11 | $40 |
| Strait-Richmond (2 days)  | Grades 5-8 | Science | July 12-13 | $40 |
| Guysborough (3 days) | Grades 1-4 | Science | July 16-18 | $60 |
| Guysborough (2 days) | Grades 5-8 | Science | July 19-20 | $40 |
| Canso (2 days) | Grades 1-8 | Science | July 23-24 | $40 |
| Whycocomagh(2 days) | Grades 1-4 | Science | July 31-Aug 1 | $40 |
| Whycocomagh (2 days) | Grades 5-8 | Science | Aug 2-3 | $40 |
| New Glasgow (2 days) (\*see below) | Grades 1-4 | Science | TBA | $40\* |
| New Glasgow (2 days) (\*see below) | Grades 5-8 | Science | TBA | $40\* |
| Paq'tnkek | Open | Science | TBA |   |
| Pictou Landing | Open | Science | TBA |   |
| Potlotek | Open | Science | TBA |   |

 **\*Registration will be completed through New Glasgow Recreation. Total price including Tshirt is $75 or $55 respectively.**

TO REGISTER:

**- Register for Strait-Richmond camps will be done online. Coming soon!**

**- Registration for Guysborough, Canso, Mulgrave, and Sherbrooke camps can be done by contacting Erin Wynn:**

**Erin Wynn**

**SchoolsPlus Outreach Worker**

**Guysborough County**

**erine.wynn@srsb.ca**

**- Registration for Inverness camps can be done by contacting Janelle MacDonnell:**

**Janelle MacDonnell**

**SchoolsPlus Facilitator**

**Strait-Richmond**

**janelle.macdonnell@srsb.ca**

**Pricing**

\*One discount applicable per registration. Both discounts cannot be applied to one order.  Codemaker camps do not count towards multi-camp or family discounts.

**Multi-Camp discount:** Fee will be reduced by $20 for each additional 4 or 5-day camp a camper attends.
ie. One Camp: $100, Second Camp: $100.   When paid for together: $180
     One Camp: $80,   Second Camp: $80      When paid for together: $160

**Family Discount:** Fee will be reduced by $20 for each additional sibling attending a 4 or 5-day camp and reduced by $10 for each additional sibling attending a 2 or 3-day camp.  Note: Family Discount not available for New Glasgow campers.
i.e. Child One: $100, Child Two: $80, Child Three: $60 (when siblings paid for together)
or   Child One: $80, Child Two: $60, Child Three: $20 (when siblings paid for together)

or  Child One: $60 Child Two: $50, Child Three: $40 (when siblings paid for together)
or  Child One: $40, Child Two: $30, Child Three: $20 (when siblings paid for together)

We believe every child should have the opportunity to attend summer camp. Bursaries are available to help with fees if necessary.  There are many available for 1/2 price of camp, some for complete fee.

Camp T’s will be available and must be prepaid at a cost of $15 each.  They are not included with camp fees because this give parents a cheaper option.  Not all campers decide to get a T-shirt.

**CAMP T-SHIRT DEADLINES**

**The following deadlines are for ordering Tshirts.**Camp T-shirt’s will not be available to those participants accepted after this deadline.

St.FX Chemistry Camps All Grade Levels, Codemaker I, and Codemaker II camps: **June 8th, 2018**
St.FX Girls Science Camp, Codemaker III, and Codemaker IV: **June 22nd, 2018**

St.FX Science Camps All Grade Levels, Codemaker V, and Codemaker VI: **July 6th, 2018**

Camp Registration is advised to be as early as possible. Registration will cease once camps are full.

Canso, Mulgrave, Sherbrooke & Guysborough T-shirt deadline: **June 8th, 2018**

New Glasgow, Port Hawkesbury & Inverness Tshirt deadline: **June 29th, 2018**

[**IMPORTANT CAMP FORMS**](https://sites.stfx.ca/chemistry/important_forms.html)

[Bursary Form](https://sites.stfx.ca/chemistry/sites/sites.stfx.ca.chemistry/files/2018_BursaryForm.pdf)

For Satellite Camps:
[Printable Application Form (Satellite Camps)](https://sites.stfx.ca/chemistry/sites/sites.stfx.ca.chemistry/files/2017_Application_%20XCamps_Satellite_0.pdf)

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