



Computer Science Mini for Sept 2026

Killarney Secondary



With deep gratitude and respect, I am honoured to be learning and unlearning on the ancestral and unceded lands of the Musqueam, Squamish and Tsleil-Waututh Nations.

Benefits CS Mini

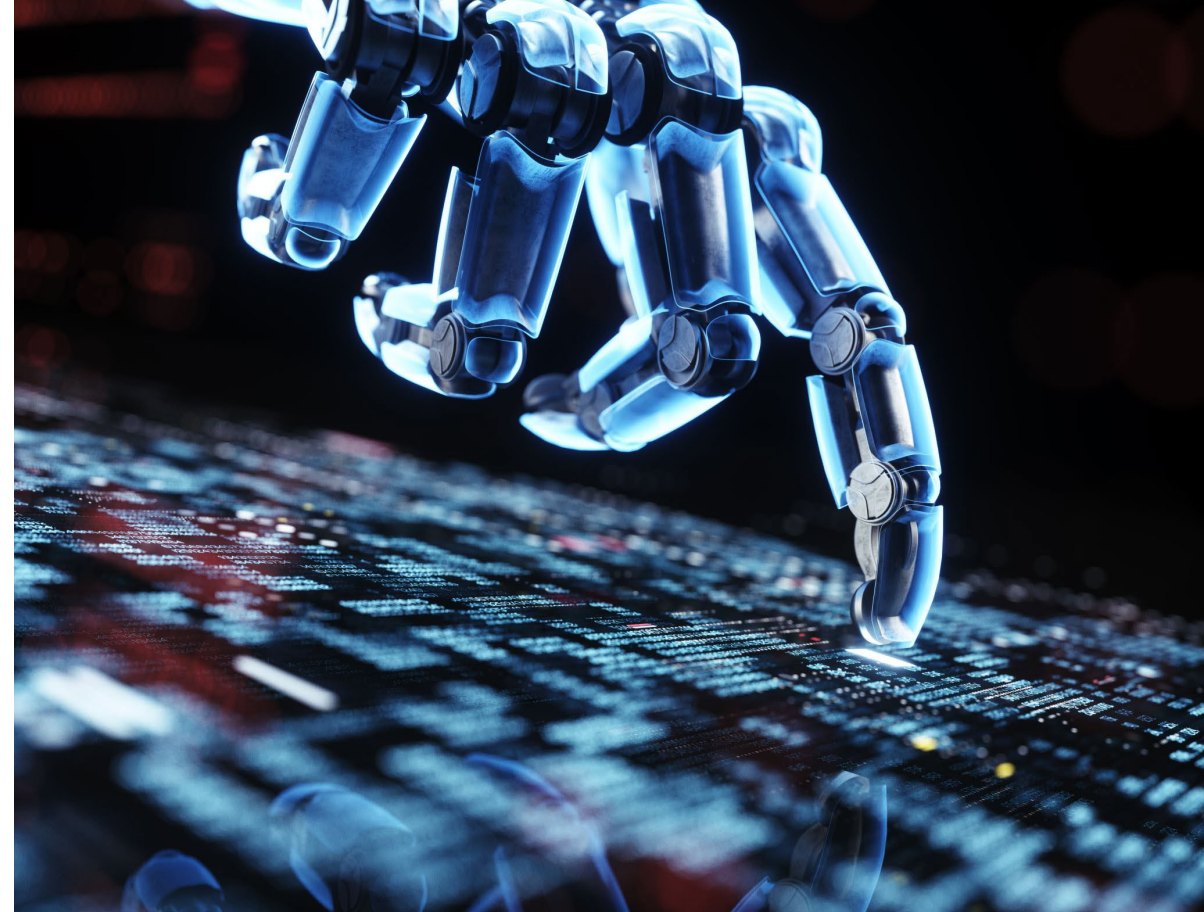
- Head start
- Opportunities
- Strong foundation in IT
- Flexibility
- Open
- District IT program
- Post-secondary
- Employable skills

Benefits Killarney

- A Top IT program
- Big variety of clubs and teams
 - Programming
 - Cyber Security
 - Robotics
 - League of Legends
 - Girls 4 Tech
- Community oriented
- IT & Math competitions

Competitions

- BC Skills
 - Canadian Computing Competition
 - Cyber defense Challenge
 - PicoCTF
 - FIRST Technical Challenge
 - Comptia A+ Certification
 - Other IT competitions
-



Type of Student

- Curious
- Welcomes challenges
- Does not give up
- Willing to try
- Maintains strong standing in courses
- Team/Group oriented
- Independent
- Respectful



5

Concentrations



Web



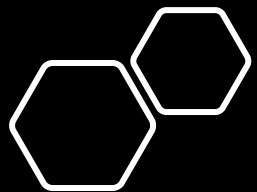
Machine Learning

Computer Science

AI

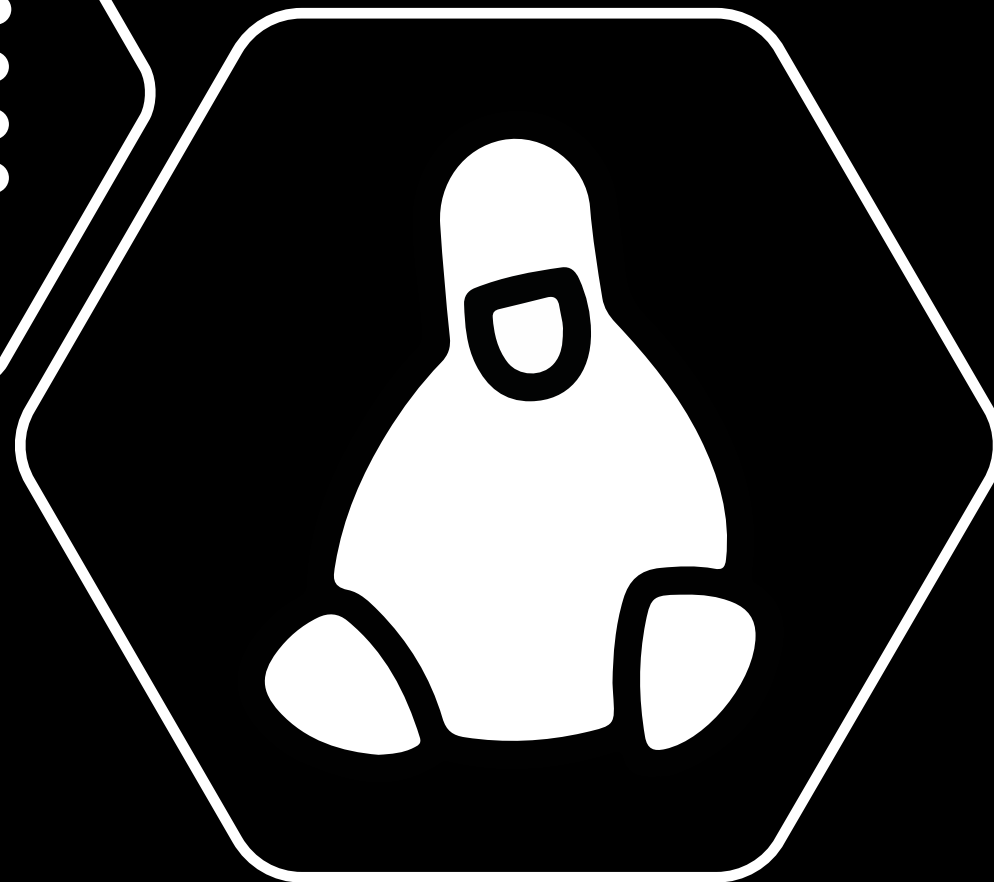
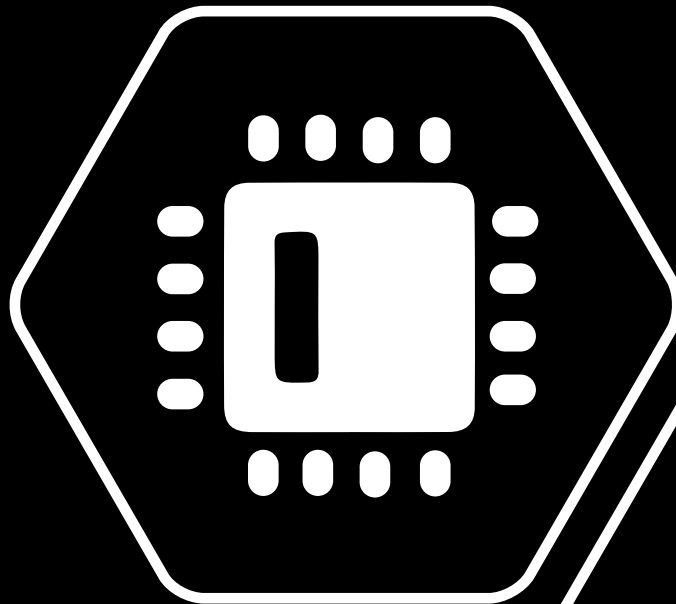


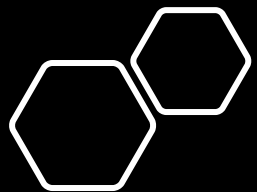
Database



Systems Administrator

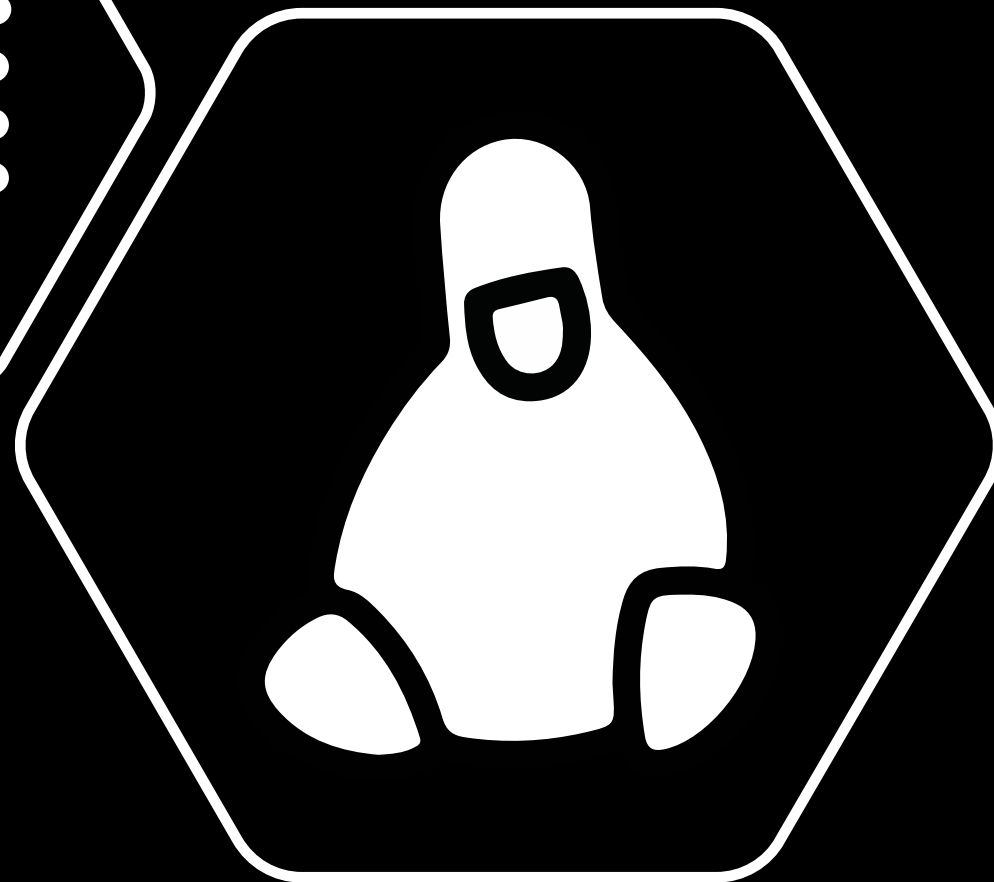
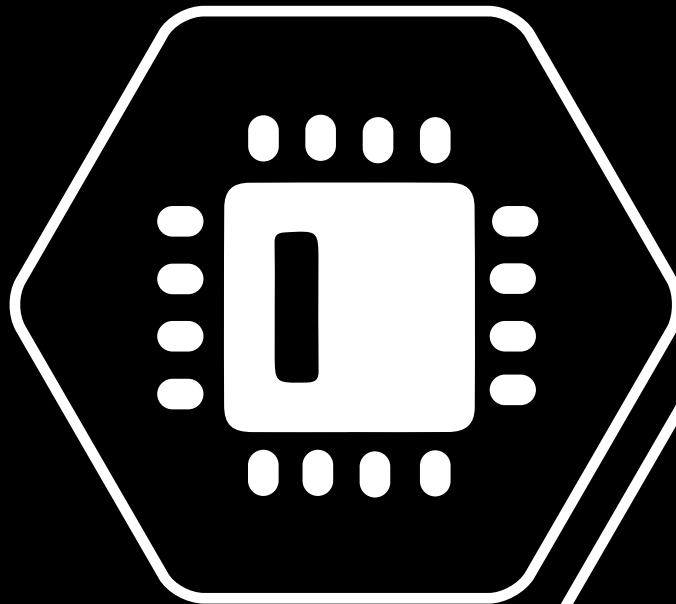
- A+
- Linux

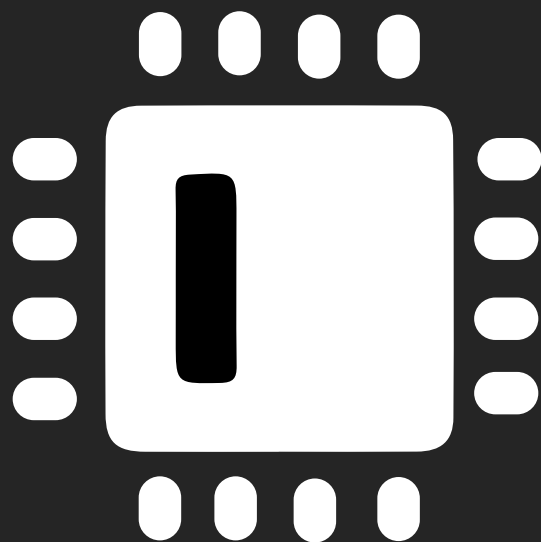
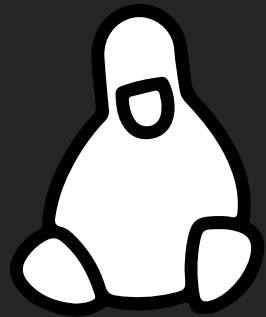




Network Administrator

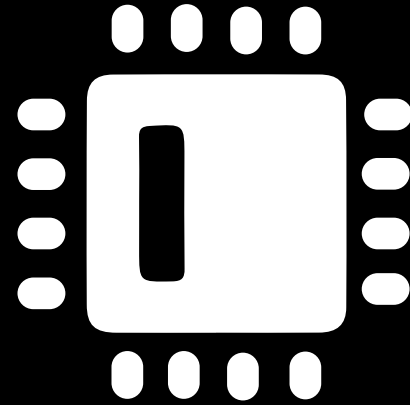
- Cisco
- CCNA
- Linux
- A+





Cyber
Security

Robotics



First Robotics

Grade View

- Grade 8 -10
Math and Science
curriculum covered in 2 years
cohort

Grade 8	Grade 9
Mini Math 8	Mini Math 9
Mini Science 8	Mini Science 9
Computer Studies 10	Programming 11
English 8	English 9
Socials Studies 8	Social Studies 9
French 8	French 9
PE 8	PE 9
Applied skills 8 Fine Arts Elective	Any Elective

Science Curriculum Unit Distribution

Grade 8	Grade 9
Science Process Skills Biology - Cells and Pathogens - Reproduction - Genetics - Bioethics Physical Science Plate Tectonics	Science Process Skills Chemistry - Atoms and the Periodic Table. - Chemical compounds - Characteristics of reactions Physical Science Ecology

JR LEVEL CONTESTS

BEAVER COMPUTING
CHALLENGE

GAUSS MATH CONTEST

PASCAL MATH CONTEST

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
	Mini Math 8	Mini Math 9	Pre-Calculus 11	Pre-Calculus 12	Calculus 12
	Mini Science 8	Mini Science 9	At least one of: Biology 11 Chemistry 11 Physics 11	Any Elective	Mini Elective
	Computer Studies 10	Programming 11	Computer Science 11	Linux 12	Mini Elective
	English 8	English 9	English 10	English 11	English 12
	Socials Studies 8	Social Studies 9	Social Studies 10	Social Studies 11/12	Any Elective
	French 8	French 9	French 10 Beginning Japanese 11 Beginning Spanish 11	French 11 Japanese 11 Spanish 11	Any Elective
	PE 8	PE 9	PE 10	Any Elective	Any Elective
	Applied skills 8 Fine Arts Elective	Any Elective	Any Elective	Any Elective	Any Elective



Courses

Grade	Computer Science	System Admin.	Network Admin.	Cyber Security	Robotics
8	Computer Studies 10	Computer Studies 10	Computer Studies 10	Computer Studies 10	Computer Studies 10
9	Programming 11	Programming 11	Programming 11	Programming 11	Programming 11
10 – 11 Exploration Years	Computer Science 11	Computer Science 11	Computer Science 11	Computer Science 11	Computer Science 11
	Linux	Linux	Linux	Linux	Linux
	Computer Science 12	Networking 11	Hardware 12	Hardware 10	Hardware 10
12 Specialization	Programming 12	Hardware 12	Networking 12	Networking 11	Robotics 11
Clubs:	Programming	Programming Robotics	Programming Robotics	Cyber Security	Robotics



STUDENT PANEL

Killarney Mini School Students

How to apply

APPLICATIONS WILL BE ACCEPTED FROM NOV. 19TH - DEC. 5TH, 2025.

Go to **Killarney Secondary School website** > Click on TEACHING AND LEARNING top tab > Click Programs > Mini School.

Complete the **KILLARNEY CS APPLICATION FORM** and PRINT.
Submit complete hard copy package to the Killarney Main Office at 6454 Killarney St. by **3:30pm, Dec. 5TH, 2025.**

A complete package includes:

- **KILLARNEY CS APPLICATION FORM.**
- MOST RECENT REPORT CARD
- STUDENT PHOTO
- NOTE: INCOMPLETE APPLICATION PACKAGES WILL NOT BE CONSIDERED. YOU WILL NOT BE NOTIFIED IF YOUR APPLICATION PACKAGE IS INCOMPLETE.

Register your application on the **VSB Mini Schools Registry.**

How to apply - continued

The Killarney **Computer Science Mini School Assessment on Dec. 5, 2025**, 1pm-2pm, in the Killarney cafeteria. **SIGN UP DEADLINE IS Dec 4th, 2025, MIDNIGHT. LATE SIGN UPS WILL NOT BE ALLOWED.** Students are expected to attend this assessment as part of the application process. Parents are asked to drop off and pick up students. To RSVP and confirm student attendance:

1. Go to **<https://survey.vsb.bc.ca/>**
2. Topics on the assessment: Order of Operations, Integers, Fraction/Percent/Decimal/Ratio conversions, Algebra, GCF/LCM, Logic/Reasoning. **NO CALCULATORS ALLOWED FOR ASSESSMENT.**



Killarney Computer Science Mini
School - Questions After Nov 18,
2025 Session



Thank you and good night!