Computer Science Mini Sept 2023

Killarney Secondary

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
- Community oriented
- IT & Math competitions

Competitions

- BC Skills
- Canadian Computing Competition
- Cyber defense Challenge
- picoCTF

Type of Student

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

5 Concentrations

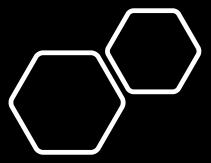
Web

Machine Learning

Computer Science

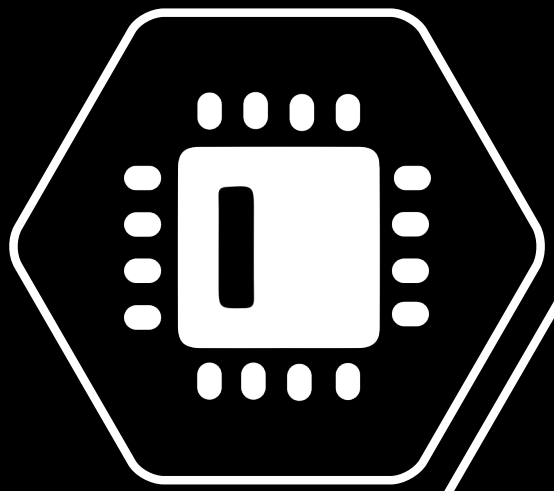
AI

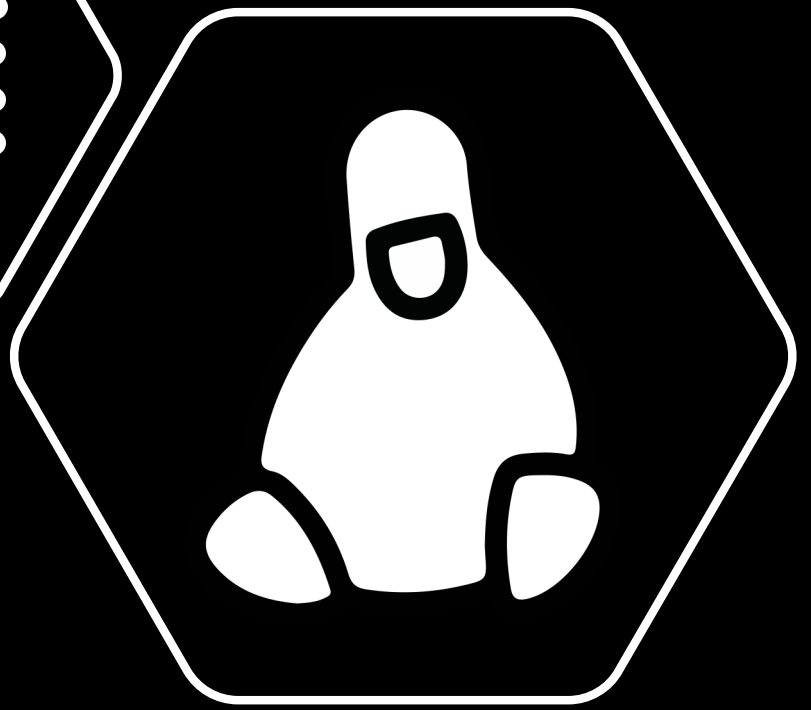
Database

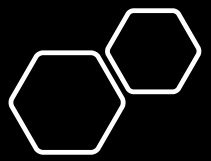


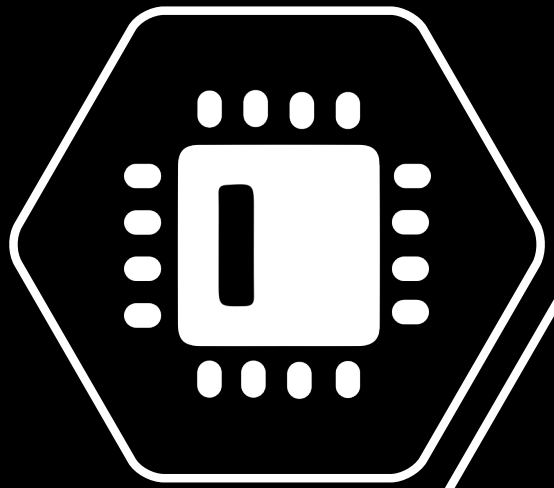
Systems Administrator

- A+
- Linux







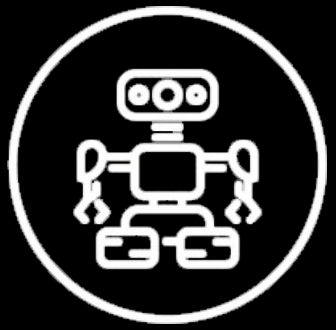


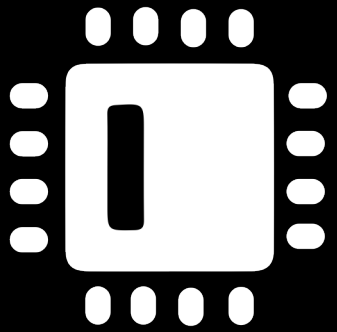
Network Administrator

- Cisco
- CCNA
- Linux
- A+

Cyber
Security

Robotics





First Robotics
or
Vex Robotics

Grade View

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

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

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	Linux	Mini Elective	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	Linux	Linux	Linux	Linux	Linux
	Computer Science 11	Hardware 10	Hardware 12	Hardware 10	Hardware 10
	Computer Science 12	Networking 11	Networking 11	Networking 11	Comp. Sci. 11
12 Specialization	Programming 12	Hardware 12	Networking 12	Networking 12	Robotics 11
Clubs:	Programming	Programming Robotics	Programming Robotics	Cyber Security	Robotics

How to apply

- School website: Teaching and Learning
- Programs
- Mini School

- **Parent and Student Information Night: TUESDAY, NOV. 8TH, 6PM - Killarney Auditorium. APPLICATIONS WILL BE ACCEPTED FROM NOV. 8TH - DEC. 1ST, 2022.**
- How to apply to the Killarney Computer Science Mini School:
- Download the KILLARNEY CS APPLICATION FORM. The application form is a fillable PDF file. A paper copy is also available from our main office.
- Complete the KILLARNEY CS APPLICATION FORM and PRINT. Attach MOST RECENT REPORT CARD AND PHOTO. Incomplete packages will not be considered nor will you be contacted should the package be incomplete.
- Submit complete hard copy package to the Killarney Main Office at 6454 Killarney St. by 3:30pm, Nov. 30th, 2021. 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.

HOW TO APPLY CONT'D

4. The Killarney Computer Science Mini School Assessment on Dec. 1, 2022, 1pm-2:30pm, in the Killarney cafeteria. **SIGN UP DEADLINE IS NOV. 28TH, 2022, MIDNIGHT. LATE SIGN UPS WILL NOT BE ALLOWED.** Students are expected to attend this assessment. Parents are asked to drop off and pick up students, and to not enter the building due to health and safety regulations. To RSVP and confirm student attendance:
    1. Go to https://survey.vsb.bc.ca/
    2. Enter SURVEY ID: CSMINIRSVP (All capitals)
    3. Topics on the assessment: Order of Operations, Integers, Fraction/Percent/Decimal/Ratio conversions, Algebra, GCF/LCM, Logic/Reasoning. NO CALCULATORS ALLOWED FOR ASSESSMENT.

QUESTIONS?