

Erich Forler

Educator, Tech Nerd, Mathematics Fan

Teaching Experience

Math/Computer Science Teacher (Gr. 11)

Western Quebec School Board (Contract: August 2020 - June 2021)

Taught 4 sections of grade 11, CST mathematics, and computer science. Delivered lessons in-person and on-line. Implemented a flipped classroom model and produced more than 13 hours of edited video lessons based on a student workbook for delivery in a hybrid teaching environment. Successfully completed year 1 of WQSB teacher induction program.

On-line Course Development / Course Instruction

Faculty of Engineering Secondary School (May 2020 - July 2020)

Created new content, lessons, assessment tools and instructional videos and combined them with existing materials to create an on-line course in a learning management system (BrightSpace) for grade 10 computer science.

Math Resource Development and Tutoring

University of Ottawa - Teacher Candidates (February 2020 - March 2020)

Worked on a team developing and deploying resources in a learning management system (BrightSpace) to assist teacher candidates in preparing for the Math Proficiency Test. Tutored teacher candidates in areas of math where they needed help.

Volunteer Music Instructor

Carleton Heights Public School - Grade 4 (February 2020 - March 2020)

Taught music (Ukulele, theory and music appreciation) to Grade 4.

2nd-year Practicum

Carleton Heights Public School - Grade 4 (September 2019 - January 2020)

Planned and taught units in math, science, social studies, music, and dance and supported associate teacher in a grade 4 class. Developed lessons that included cross-curricular connections between math, music and science.

"Mr. Forler has a very positive rapport with the students in grade 4. He approaches every new day and task with enthusiasm and consistently models a positive attitude for the children to emulate."
Practicum Associate Teacher

Emergency Supply Teacher

Vincent Massey Public School (October - November 2019, May - June 2019)

Accepted opportunities for teaching in grades 3-8 with priority on higher grades.

1st-year Practicum

Henry Munro Middle School - Grade 7 (December 2018, March - April 2019)

Planned and taught units in math, science, and language arts, and supported associate teacher in a grade 7 class. Introduced students to programming in Scratch. Supported Chess Club.

"Erich's planning is very good. He demonstrates the ability to create meaningful lessons that challenge and encourage the students."
Practicum Associate Teacher

Emergency Education Assistant (EA)

Vincent Massey Public School (May - June 2018)

Accepted opportunities to be an emergency EA in grades K-8.

Teaching Experience (cont'd)

Volunteer Math Class Assistant

Vincent Massey Public School (April - June 2018)

Volunteered 2-3 times per week in grade 7/8 and grade 5 math classes supporting small groups of students.

Previous Experience

Prior to pursuing a career in teaching, I held a variety of positions in the software industry. As a

Director of Product Management, Product Manager and **Technical Writer** my roles were heavy on communications and often included an educational component. I capped my tech career by starting and running a Web development business for 10 years.

Education

Bachelor of Education (Magna Cum Laude)

University of Ottawa (2018-2020)

» Junior/Intermediate. Math teachable.

Honours Bachelor of Commerce

University of Ottawa (1986-89)

» Courses in marketing, promotion, management, management information systems, statistics and forecasting.

Faculty of Science and Engineering

University of Ottawa (1984-86)

» Completed courses in electrical engineering, math, physics and computer science.

Technical Skills

- » **Video Production:** Adobe Premiere Pro, We Video, Screencast-o-matic, Screencastify
- » **Programming:** PHP, Python, MySQL, HTML/CSS, Arduino script, Scratch, App Inventor, other
- » **Content/Learning management systems:** BrightSpace, MS Teams, Moodle, Joomla, Magento, WooCommerce, ZenCart, Shopify
- » **Software applications:** Too many to mention including video/photo/audio/midi editing, Web and page layout, MS Office, etc.
- » **Computer hardware:** proficient at assembly, configuration and maintenance, Raspberry Pi, Arduino

Passionate about

- » Helping to build better kids
- » Making things (web sites, software products, woodworking projects)
- » Music, playing guitar
- » Harnessing the best from everyone

Volunteer

- » 16 years as a girls, recreational soccer coach
- » 3 years as an on-ice program assistant with new skaters
- » Executive member of the committee hosting the largest skating competition in Canada in 2017/18/19
- » President of Minto Skating Club (\$500,000 per year, non-profit)

References

Tara Laine - Principal at D'Arcy McGee - tlaine@wqsb.qc.ca - (819) 684-7472 x437001

Daoud Khan - Practicum Associate Teacher - daoud.khan@ocdsb.ca

Kevin O'Brien - Practicum Associate Teacher - kevin.obrien@ocdsb.ca

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