

Chris Park

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SUMMARY

Physics and mathematics teacher candidate with an Honours Physics degree (UBC) and 1,400+ hours of instruction across grades 8 to 12. I pair strong subject knowledge and clear, well-structured lessons with a focus on genuine understanding—building solid fundamentals while helping students see the reasoning behind them. Comfortable across the full range, from foundational skills and exam preparation to senior Physics and Calculus. Completing SFU's Bachelor of Education (Secondary) with a mathematics focus; BC Teacher Regulation Branch certification expected early 2027.

CERTIFICATION & EDUCATION

Bachelor of Education (Secondary) – Mathematics Focus

Expected Dec 2026

Professional Development Program, Simon Fraser University, Burnaby, BC

BC Teacher Regulation Branch (TRB) certification expected early 2027. **Bachelor of Science, Honours Physics**

(with Distinction)

May 2021

University of British Columbia, Vancouver, BC

TEACHING EXPERIENCE

Student Teacher, Long Practicum

Sep 2026 – Dec 2026

Enver Creek Secondary School, Surrey, BC

Subjects: Scimatics 8, Math 9, Physics 11

- Plan and teach full instructional units across three courses, including lesson sequencing, pacing, and both formative and summative assessment.
- Design competency-based assessments aligned to BC's redesigned curriculum, using formative checks to adapt instruction for a range of learners.
- Build lessons around the history and reasoning behind each concept, so students develop understanding rather than memorize procedures.
- Use Building Thinking Classrooms methods (visibly random groups, vertical non-permanent surfaces), moving students from answer-getting toward collaborative problem-solving.
- Manage daily classroom routines and behaviour for classes of approximately 30 students.

Student Teacher, Short Practicum

Feb 2026 – Apr 2026

Enver Creek Secondary School, Surrey, BC

Subjects: Physics 11, Scimatics 8, Calculus 12

- Planned and taught lessons across three courses under mentorship, focused on the reasoning and history behind each idea.
- Used models and worked examples to make abstract concepts visible, adjusting based on where students got stuck.

Instructor

Sep 2015 – Aug 2021 & Mar 2024 – Present

JL Academy, Vancouver, BC

Subjects: Science 8, Math 8/9, Pre-Calculus 11/12, Physics 11/12, IB Calculus SL 11/12

- Deliver in-person instruction to students in grades 8 to 12 (1,000+ hours), planning lessons and assessment across a wide subject range.
- Adapt explanations and pacing to individual students, from foundational Math 8 through IB Calculus.

Instructor

Mar 2024 – Jul 2025

Edu-village Learning Centre, Surrey, BC

Subjects: Science 8, Math 8/9/10, Physics 11/12, AP Calculus 12

- Delivered in-person instruction to students in grades 8 to 12 (400+ hours), building lessons and practice for a range of courses and abilities.

Undergraduate Teaching Assistant, PHYS 159

2018 & 2020

University of British Columbia, Vancouver, BC

- Ran weekly lab sessions for first-year students, teaching experimental technique and data analysis.

SUBJECT EXPERTISE & SKILLS

- **Teachable subjects:** Mathematics 8–12 (Pre-Calculus 11/12, Calculus 12, AP/IB Calculus), Physics 11–12, Science 8–10.
- **Assessment & pedagogy:** competency-based assessment, Building Thinking Classrooms, inquiry and Nature of Science instruction, differentiated instruction.
- **Educational technology:** design and build custom interactive simulations and learning tools (published at mrparkclass.com) using AI-assisted development, with a teacher's sense for the exact points where students get visually stuck. Comfortable with [confirm your tools — e.g. Desmos, GeoGebra, Google Classroom, MyEducation BC].
- **Languages:** English (native), Korean (fluent).
- **Extracurricular:** available to start and run an AI Club, where students explore and showcase creative, responsible AI projects.

RESEARCH & TECHNICAL BACKGROUND

Hands-on laboratory and research experience that I bring directly into the classroom for authentic, inquiry-based science.

- **Photonic & Cryogenic Lab Technician**, UBC Quantum Matter Institute (2022–2024): operated and maintained advanced research equipment (FTIR spectrometers, 1K/4K cryostats, HV/UHV systems, lasers and optics) and supported graduate research projects.
- **Research Assistant**, University of Würzburg, Germany (2018–2019): ran a Scanning Tunneling Microscope on a 12-month co-op, trained incoming master's students, and presented findings in a 15-minute talk at the German Physical Society's 2019 spring meeting.

References available upon request.