

SUMMER

2024



NOW ACCEPTING REGISTRATION

**Math • English • Science • Writing • SSAT • Pre-IB • Public Speaking
Internet of Things (IoT) (NEW) • STEAM Summer Institute (NEW)**

drjennychan@gmail.com | 604-285-3835 | DrJennyChan (WeChat) | 110-8291 Ackroyd Rd, Richmond BC

SUMMER EDGE: PRIMARY / MIDDLE / HIGH SCHOOL

Thinking of getting a head start on pre-middle / high school English? Our Summer Edge classes are designed to teach the fundamental skills that are required to excel in reading, writing, and analysis of English content.

PRIMARY SCHOOL ENGLISH COURSE (12 hrs)

Guided Writing

- Instill the skills needed for Grades 4 - 6 English
- Learn the key elements of the writing process
- Write different written pieces, including narrative, informative, persuasive, and expository
- Learn structured writing skills in a fun and interactive environment

MIDDLE SCHOOL ENGLISH COURSE (12 hrs)

Essay Writing | Guided Literary Analysis

- Instill the skills needed for Grades 6 - 8 English
- Teach how to write high-scoring essays
- Prepare students to read and analyze the most challenging literary and language texts
- Prepare students for the demands of both literature and language in middle school

PRE-SENIOR HIGH SCHOOL ENGLISH COURSE (12 hrs)

Comparative Essay Writing | Literary and Rhetorical Analysis

- Instill the skills needed for Grades 8 - 10 English
- Learn and review fundamentals of literary and rhetorical analysis
- Learn macro- and micro-strategies for writing a comparative essay
- Recognize and understand classic essay prompts

All course dates and time are subject to change. No class on public holidays.

SUMMER EDGE: PRE-MIDDLE / HIGH SCHOOL

Thinking of getting a head start on pre-middle / high school Math? Our Summer Edge classes are designed to teach the fundamental skills that are required to excel in pre-algebra, algebra, and pre-calculus I.

PRE-MIDDLE SCHOOL MATH COURSE (12 hrs)

Pre-Algebra | Algebra I

- Instill the skills needed for Grades 6 - 8 Math
- Review fundamental concepts of Pre-Algebra
- Covers key terms, concepts, rules, and equations, with clear step-by-step procedures for applying theorems
- Includes strategies for solving word problems, using real-world application examples
- Prepare students for the demands of both pre-algebra and algebra I in middle school

PRE-SENIOR / HIGH SCHOOL MATH COURSE (12 hrs)

Algebra II | Pre-Calculus

- Instill the skills needed for Grades 9 - 12 Math
- A continuation of algebra and introduction to pre-calculus
- Gain an understanding of the fundamental pre-calculus concepts
- Learn macro– and micro-strategies for equation building, solving, and analysis

PRE-MIDDLE / SENIOR SCHOOL SCIENCE COURSE (12 hrs)

Biology | Chemistry I Physics I General Science

- Learn fundamental concepts needed for Grades 6 - 10 General Science
- Prepare for Senior School Biology, Chemistry, and Physics
- Covers key scientific terms, learn to think critically, and solve problems

All course dates and time are subject to change. No class on public holidays.

SSAT

SSAT ESSENTIALS / BOOT CAMP (12 hrs)

Reading | Verbal | Math | Essay

This course is recommended for students who are looking for an introduction to SSAT test preparation. Lessons include exercises with high-frequency words. There is also a comprehensive overview of all the sections of the test, covering the essential concepts and strategies. Mock examinations will be scheduled at the end of the course.

Reading | Essay Writing Strategies | High-Frequency Vocabulary | Math

This boot camp is for students who want comprehensive preparation for the SSAT. It prepares students with strategies for all sections of the SSAT under a rigorous schedule. The boot camp will end with a mock SSAT examination.

PRE-IB MATH, ENGLISH (12 hrs)

Math | English

Recommended for students who are going to their first year of IB, and want to be prepared for the upcoming school year. They will review fundamental concepts about the subjects, and learn subject-specific strategies for the IB program/examination. The course will also help students recognize and solve classic question types, and stay ahead of their in-school instruction.

- Math: Analysis and Approaches or Math: Applications and Interpretation
- English: Guided textual analysis, comparative essay

All course dates and time are subject to change. No class on public holidays.

PUBLIC SPEAKING CAMP (12 hrs)

FIND YOUR CONFIDENCE.

Are you ready to practice public speaking, improve your communication, and build leadership skills?




Improved communication

This camp will give you the skills and confidence to effectively express yourself in any situation. You'll improve your interpersonal communication skills, and be more persuasive and confident when giving speeches.

Strong leadership skills

While some are born confident, charismatic leaders, others must work to develop their leadership skills. Through this camp, you will practice becoming the leader and speaker you want to be. You will also sharpen your management skills, become a better negotiator, gain trust, and inspire your team. Learn to be decisive!

What's
in it
for
you?

	Improve public speaking skills		Build leadership skills
	Practice writing speeches and presenting in a group setting		Gain a competitive advantage in the workplace
	Networking opportunities in a small and supportive environment		Build self-confidence and self-awareness
	Allows for unlimited personal growth		Ability to maximize your potential

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STEAM SUMMER INSTITUTE

PATHWAY FOR FUTURE STEAM INNOVATORS (12 hrs)

Science | Technology | Engineering | Art | Math

The **STEAM Summer Institute** is the latest addition to our summer camp course offerings. It is a five-day MasterClass camp for students using the STEAM (Science, Teaching, Engineering, Art, and Math) approach. During the Summer Institute, students will immerse themselves in advanced STEAM concepts, do interactive experiments, and learn through informal settings.

The Summer Institute's goals are to encourage students to adopt a holistic approach to problem-solving by applying the insights gained from one discipline to another, improve their STEAM awareness, and inspire them to pursue a career in a STEAM field.

Our Summer Institute teaching staff includes our Director, Dr. Jenny Chan, esteemed STEM professors (tentative) from Singapore, and other designated trainers. The five-day Master Class camp will be held from July 29 to Aug 2, and Aug 6 to 10 respectively.

Register now and embark on an exhilarating journey into the realms of Science, Technology, Engineering, Art, and Math with us!

Register on or before May 31, 2024 to enjoy an early-bird discount!



All course dates and time are subject to change. No class on public holidays.

THE PROGRAM

Our Summer Institute combines university-style teaching with practical challenges and engaging activities. Our small classes and expert tutors will help you deep-dive into the world of STEAM.

SCIENCE

- Learn the fundamentals of science and their applications.
- Example topics: Inverse Square Law. Balloon in a Bottle. Measuring Earth. What is the Pollution Level?

TECHNOLOGY

- Explore examples of how cutting-edge technology could change our lives and the future of humanity.
- Example topics: Discover the basic building blocks of web pages. Practice your coding skills. Learn about the different ways of styling a website.

ENGINEERING

- Explore introductory technology concepts and learn the basics of electronics, all under the guidance of our expert tutors.
- Example topics: Programming methodology with C. Data structures and algorithms. Program an LED Light.

ART

- Master key creative writing and debate concepts, such as creating fictional worlds, developing a book series, or understanding political theory.
- Example topics: Analyse the careers of significant world leaders. Be a “Prime Minister” for a day. Write in different genres. Craft a compelling character.

MATH

- Learn the fundamentals of computational thinking and problem-solving using different approaches.
- Example topics: Problem-solving by brute-force search. Data and functional abstraction and decomposition. Algorithmic thinking and pattern recognition.

All course dates and time are subject to change. No class on public holidays.

STEAM SUMMER INSTITUTE

TENTATIVE SCHEDULE

Science | Technology | Engineering | Art | Math

THEORETICAL

- The day will start with an introduction to the basic knowledge associated with the topic.

INTERACTIVE

- Interactive activities on a phenomenon will be used to engage the students. This will include inquiry-based learning and hands-on experimentation.

PRESENTATION

- The day will end with a presentation of findings in a mock-STEAM fair.
- Students will participate in the dialogue, requiring science communication skills and presentation techniques.

For the presentation part:

Students can use presentation tools like PREZI to bring storytelling and dramaturgy to their work. The idea is for students to create a 3-minute presentation to engage and entertain the audience.

For the technology part:

The ability to use internet technologies and social media is an essential skill in STEAM communication. Students will learn how to create a strong narrative for online presence.

For the evaluation part:

Scientists cannot deliver information without getting any feedback. Students will undertake an evaluation to capture the success of their work. They are expected to include a layer of audience engagement.

All course dates and time are subject to change. No class on public holidays.

INTERNET OF THINGS (IoT)

NURTURING COMPUTER EXCELLENCE (12 hrs)

Coding | Programming | Web Development | Machine Learning | Cybersecurity

CODING (12 hrs)

Introduction to Computational Thinking and Problem Solving

- Animation and Games with Scratch
- Logic with Scratch
- Introduction to Text-based Programming

PROGRAMMING (12 hrs)

Introductory Programming with Python

- Fundamental Programming with Python
- Logic with Python
- Modular Programming with Python

WEB DEVELOPMENT (12 hrs)

Webpage Development using HTML / CSS / Java Script

- Webpage Development using HTML / CSS
- Introduction to Java Script
- Responsive Webpage Development and Interactive Java Script

MACHINE LEARNING (12 hrs)

Machine Learning Model and Dataset

- Machine Learning Model
- Dataset and Making Classifications
- Algorithms and Biases

CYBERSECURITY (12 hrs)

Internet Safety

- Understand Key Concepts of Cryptography
- Basic Principles of Encryption and Decryption
- Simple Algorithms and Code Writing

All course dates and time are subject to change. No class on public holidays.

SUMMER SCHEDULE (2024) IN RICHMOND

SUMMER EDGE / SUMMER CAMPS

Camp Names	AM (10am -1pm)	PM (2 - 5pm)	Grade	Dates	Fee*
Summer Edge (July)	Writing Math Science	Writing Math Science	4 - 12	Mon: 7/8, 15, 22, 29 Tue: 7/9, 16, 23, 30 Wed: 7/10, 17, 24, 31 Thu: 7/11, 18, 25, 8/1 Fri: 7/12, 19, 26, 8/2 Sat: 7/13, 20, 27, 8/3 Sun: 7/14, 21, 28, 8/4	\$350 (member) \$400 (non-member)
Summer Edge (August)	Writing Math Science	Writing Math Science	4 - 12	Tue: 8/6, 13, 20, 27 Wed: 8/7, 14, 21, 28 Thu: 8/8, 15, 22, 29 Fri: 8/9, 16, 23, 30 Sat: 8/10, 17, 24, 31 Sun: 8/11, 18, 25, 9/1 Mon: 8/12, 19, 26, 9/2	\$350 (member) \$400 (non-member)
Summer Camps (July)	SSAT	Pre-IB	6 - 7 9 - 10	Wed: 7/10, 17, 24, 31 Sat: 7/13, 20, 27, 8/3	\$350 (member) \$400 (non-member)
Summer Camp (August)	Pre-IB	SSAT	6 - 7 9 - 10	Tue: 8/6, 13, 20, 27 Fri: 8/9, 16, 23,30	\$350 (member) \$400 (non-member)
Public Speaking (August)	Dynamic Leaders	Presentation Mastery	6 - 8 9 - 11	Sat & Sun: 8/17, 18, 24, 25	\$350 (member) \$400 (non-member)

* M = member, NM = non-member

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SUMMER SCHEDULE (2024) AT RICHMOND

STEAM SUMMER INSTITUTE / SUMMER CAMPS

Camp Names	Time	Grade	Dates	Fee*
Summer Institute <u>Week 1</u> <u>MASTERCLASS</u>	10am - 1pm lunch 2pm - 5pm	5 and up	July 29, 30, 31, Aug 1, 2 (Mon - Fri)	\$650 (early bird) \$750 (regular)
Summer Institute <u>Week 2</u> <u>REGULAR</u>	10am - 1pm lunch 2pm - 5pm	5 and up	Aug 6, 7, 8, 9, 10 (Tue - Sat)	\$650 (early bird) \$750 (regular)

Camp Names	AM (10am - 1pm)	PM (2 - 5pm)	Grade	Dates	Fee
Summer Camps (July)	Coding Programming Web Dev't Machine Learning Cybersecurity	Coding Programming Web Dev't Machine Learning Cybersecurity	5 and up	Mon: 7/8, 15, 22, 29 Tue: 7/9, 16, 23, 30 Wed: 7/10, 17, 24, 31 Thu: 7/11, 18, 25, 8/1 Fri: 7/12, 19, 26, 8/2 Sat: 7/13, 20, 27, 8/3 Sun: 7/14, 21, 28, 8/4	\$350 (member) \$400 (non-member)
Summer Camps (Aug)	Coding Programming Web Dev't Machine Learning Cybersecurity	Coding Programming Web Dev't Machine Learning Cybersecurity	5 and up	Tue: 8/6, 13, 20, 27 Wed: 8/7, 14, 21, 28 Thu: 8/8, 15, 22, 29 Fri: 8/9, 16, 23, 30 Sat: 8/10, 17, 24, 31 Sun: 8/11, 18, 25, 9/1 Mon: 8/12, 19, 26, 9/2	\$350 (member) \$400 (non-member)

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SUMMER SCHEDULE (2024) AT KERRISDALE

SUMMER EDGE / SUMMER CAMPS

Camp Names	AM (10am -1pm)	PM (2 - 5pm)	Grade	Dates	Fee*
Summer Edge (July)	Writing Math Science	Writing Math Science	4 - 12	Sat: 7/13, 20, 27, 8/3 Sun: 7/14, 21, 28, 8/4	\$350 (member) \$400 (non-member)
Summer Edge (August)	Writing Math Science	Writing Math Science	4 - 12	Sat: 8/10, 17, 24, 31 Sun: 8/11, 18, 25, 9/1	\$350 (member) \$400 (non-member)
Summer Camps (July)	SSAT	Pre-IB	6 - 7 9 - 10	Sat: 7/13, 20, 27, 8/3	\$350 (member) \$400 (non-member)
Summer Camp (August)	Pre-IB	SSAT	6 - 7 9 - 10	Sat: 8/10, 17, 24, 31 Sun: 8/11, 18, 25, 9/1	\$350 (member) \$400 (non-member)
Public Speaking (August)	Dynamic Leaders	Presentation Mastery	6 - 8 9 - 11	Sat & Sun: 8/17, 18, 24, 25	\$350 (member) \$400 (non-member)

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SUMMER SCHEDULE (2024) AT KERRISDALE

SUMMER CAMPS

Camp Names	AM (10am - 1pm)	PM (2 - 5pm)	Grade	Dates	Fee
Summer Camps (July)	Coding Programming Web Dev't Machine Learning Cybersecurity	Coding Programming Web Dev't Machine Learning Cybersecurity	5 and up	Mon: 7/8, 15, 22, 29 Tue: 7/9, 16, 23, 30 Wed: 7/10, 17, 24, 31 Thu: 7/11, 18, 25, 8/1 Fri: 7/12, 19, 26, 8/2	\$350 (member) \$400 (non-member)
Summer Camps (Aug)	Coding Programming Web Dev't Machine Learning Cybersecurity	Coding Programming Web Dev't Machine Learning Cybersecurity	5 and up	Tue: 8/6, 13, 20, 27 Wed: 8/7, 14, 21, 28 Thu: 8/8, 15, 22, 29 Fri: 8/9, 16, 23, 30 Mon: 8/12, 19, 26, 9/2	\$350 (member) \$400 (non-member)

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SUMMER SCHEDULE (2024) AT WEST VAN

SUMMER EDGE / SUMMER CAMPS

AT A GLANCE

SCHEDULE

Camp Names	AM (10am -1pm)	PM (2 - 5pm)	Grade	Dates	Fee*
Summer Edge (July)	Writing Math Science	Writing Math Science	4 - 12	Sat: 7/13, 20, 27, 8/3 Sun: 7/14, 21, 28, 8/4	\$350 (member) \$400 (non-member)
Summer Edge (August)	Writing Math Science	Writing Math Science	4 - 12	Sat: 8/10, 17, 24, 31 Sun: 8/11, 18, 25, 9/1	\$350 (member) \$400 (non-member)
Summer Camps (July)	SSAT	Pre-IB	6 - 7 9 - 10	Sat: 7/13, 20, 27, 8/3	\$350 (member) \$400 (non-member)
Summer Camp (August)	Pre-IB	SSAT	6 - 7 9 - 10	Sat: 8/10, 17, 24, 31 Sun: 8/11, 18, 25, 9/1	\$350 (member) \$400 (non-member)
Public Speaking (August)	Dynamic Leaders	Presentation Mastery	6 - 8 9 - 11	Sat & Sun: 8/17, 18, 24, 25	\$350 (member) \$400 (non-member)

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SUMMER SCHEDULE (2024)

REGULAR CLASSES

Our regular classes will run between Jul 8 - Sept 2, 2024. We have 4 options for you to consider.

OPTION 1: ON LEAVE / HOMESCHOOLING

Break during summer. Fee: NA

OPTION 2: ON-THE-GO / BOOKLETS ONLY

Bring-home booklets only. No face-to-face or online support.

Fee: \$100 (20 booklets/subject)

OPTION 3: REGULAR FACE-TO-FACE LESSONS

Face-to-face classes at the center. Please contact us to schedule your classes.

Fee: \$170 (member) / \$190 (non-member)

Class: 4 x 1-hr lessons

OPTION 4: REGULAR ONLINE LESSONS (ZOOM)

Join our class from the comfort of your home. Please contact us to schedule your classes. Booklets must be collected from and returned to the center every month.

Fee: \$170 (member) / \$190 (non-member)

Class: 4 x 30-mins lessons