



CalMath

San Francisco . San Mateo

Math and Coding Enrichment Programs Fall 2020: September Remote Learning

“Understanding the concepts and applying them in problem solving are equally important when it comes to mastering Math.” - Ryan Wong

Dear parents,

I am the teacher of the remote learning classes at CalMath this Summer. I have a Master of Science degree from the University of Wisconsin and have been tutoring Math since 30 years ago. I am also a parent of two high school kids so I understand the needs of the students and the pain points of parents these days. I have constant exchanges with other experienced Math teachers for enhancing our teaching.

The CalMath methodology bridges the gap between common core objectives to standardized test Math problem solving. Our curriculums are adapted from the battle-tested teaching material from Ryan Wong, our partner in Hong Kong who has over 15 years of teaching experience. The performance in Math of the students from there consistently ranks near the top. Our teaching material begins with explanations of concepts, followed by illustrative examples and we reinforce the learning by exercises.

In this new school year, CalMath is offering these new Computer Science classes:

Learn Computer Science with Javascript or Python (Age 7 and up)

This class teaches the principle of computer science while doing fun, graphical, interactive and educational projects. Highlights of the lessons include:

- Basics of programming language constructs
- Data types and variables
- Object-oriented programming
- Games with player interactions
- Moving objects on the canvas

Learn Computer Science with Java (8th grade and up)

This class teaches all topics in AP Computer Science A. Highlights of the lessons include:

- Basics of Java language constructs
- Data types and variables
- Data structures
- Algorithms
- Object-oriented programming with Inheritance and polymorphism
- A high school Math related topic (e.g. Statistics) is taught alongside programming in each lesson. Our students will learn to solve Math problems using Java.

(all time slots are in Pacific Standard Time (PST))

Curriculum	Dates(*)	No Class	Days	Time	Lessons	Fee
Algebra 1 (Grade 9)	Oct 3-31		Sat	9 - 10am	5	\$160
	Nov 7-21	Nov 28			3	\$96
	Dec 5				1	\$32
Grade 4 Math	Oct 5-26	Oct 12	Mon	4 - 5pm	3	\$96
	Nov 2-30	Nov 23			4	\$128
	Dec 7-14				2	\$64
Grade 4 Math	Oct 7-28		Wed	5:30 - 6:30pm	4	\$128
	Nov 4-18	Nov 11,25			2	\$64
	Dec 2-9				2	\$64
Grade 5 Math	Oct 5-26	Oct 12	Mon	5:30 - 6:30pm	3	\$96
	Nov 2-30	Nov 23			4	\$128
	Dec 7-14				2	\$64
Grade 5 Math	Oct 7-28		Wed	4 - 5pm	4	\$128
	Nov 4-18	Nov 11,25			2	\$64
	Dec 2-9				2	\$64
Grade 6 Math	Oct 6-27		Tue	4 - 5pm	4	\$128
	Nov 3-17	Nov 24			3	\$96
	Dec 1				1	\$32
Grade 6 Math	Oct 1-29		Thurs	5:30 - 6:30pm	5	\$160
	Nov 5-19				3	\$96
	Dec 3				1	\$32
Grade 7 Math	Oct 6-27		Tue	5:30 - 6:30pm	4	\$128
	Nov 3-17	Nov 24			3	\$96
	Dec 1				1	\$32

Grade 7 Math	Oct 3-31		Sat	10:30 - 11:30am	5	\$160
	Nov 7-21	Nov 28			3	\$96
	Dec 5				1	\$32
Grade 8 Math	Oct 3-31		Sat	12:00 -1pm	5	\$160
	Nov 7-21	Nov 28			3	\$96
	Dec 5				1	\$32
Geometry (Grade 10)	Oct 2-30		Fri	4 - 5pm	5	\$160
	Nov 6-20				3	\$96
	Dec 4				1	\$32
Trigonometry (Grade 10)	Oct 1-29		Thurs	4 - 5pm	5	\$160
	Nov 5-19				3	\$96
	Dec 3				1	\$32
Trigonometry (Grade 10)	Oct 2-30		Fri	5:30 - 6:30pm	5	\$160
	Nov 6-20				3	\$96
	Dec 4				1	\$32
Learn Computer Science with Python (Middle School or above)	Oct 3-31		Sat	10:30 - 11:30am	5	\$160
	Nov 7-21	Nov 28			3	\$96
	Dec 5				1	\$32
Learn Computer Science with Java (High School/AP)	Oct 3-31		Sat	9 - 10am	5	\$160
	Nov 7-21	Nov 28			3	\$96
	Dec 5				1	\$32
Learn Computer Science with Javascript (Middle School or above)	Oct 3-31		Sat	12:00 -1pm	5	\$160
	Nov 7-21	Nov 28			3	\$96
	Dec 5				1	\$32

We have flexibilities regarding the time slots and subjects, if other time or subjects work better for you than those on the flyers, please feel free to contact us. Students can join after the first class has started as we will prorate the tuition (\$32 per lesson)

Class materials will be sent via email on the day before. Please print out the materials before the class. The student needs a tablet/iPad or a MAC/PC computer with camera and microphone attached. A link will be included for remotely accessing the lessons.

Looking forward to a productive Fall semester!

Regards,
Ken Soh

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Sponsored by: STEM Education Support
This event/program is not sponsored by the San Mateo-Foster City School District.