CalMath
San Francisco . San Mateo

Math and Coding Enrichment Programs
Spring 2021
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 one of the teachers of the remote learning classes at CalMath this year. 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, 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 Computer Science classes for different grades, taught by IT professionals in Silicon Valley with 20+ years of industry experience:

Grade 6 or above	**Grade 8 or above**
HTML → JavaScript ↪ PHP Python	Java(AP subset) UNIX Shell Scripts (Bourne Again Shell) → MySQL Database

Learning Computer Science with Javascript or Python (6th grade 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 and moving objects on the canvas

Learning 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: Variables, Data types and Operators
- Classes, Attributes and Methods
- Using Cloud-based IDE and Java SE environment
- Algorithms
- Object-oriented programming with Inheritance and polymorphism
- A high school Math related topic (e.g. Statistics) is taught alongside.

Learning MySQL Database (8th grade and up)

- Administering a MySQL server and Database
- Creating and Dropping Tables
- SQL Data Types and Managing Data in Tables
- Creating Indexes
- Database Backup and Restore

This course has prerequisites on UNIX Shell scripting: Bourne Again Shell (bash).

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

Curriculum	Dates(*)	No Class	Days	Time	Lessons	Fee
Grade 4 Math	***Jan 11-25***		***Mon***	***4 - 5pm***	***3***	***$106.5***
	Feb 1-22	***Feb 15***			***3***	***$106.5***
	Mar 1-22	***Mar 29***			***4***	***$142***
	Apr 5-26				***4***	***$142***
	May 3-17				***3***	***$106.5***
Grade 4 Math	***Jan 13-27***		***Wed***	***5:30 - 6:30pm***	***3***	***$106.5***
	Feb 3-24				***4***	***$142***
	Mar 3-24	***Mar 31***			***4***	***$142***
	Apr 7-28				***4***	***$142***
	May 5				***1***	***$35.5***
Grade 5 Math	***Jan 13-27***		***Wed***	***4 - 5pm***	***3***	***$106.5***
	Feb 3-24				***4***	***$142***
	Mar 3-24	***Mar 31***			***4***	***$142***
	Apr 7-28				***4***	***$142***
	May 5				***1***	***$35.5***
Grade 6 Math	***Jan 12-26***		***Tue***	***4 - 5pm***	***3***	***$106.5***
	Feb 2-23				***4***	***$142***
	Mar 2-23	***Mar 30***			***4***	***$142***

	Apr 6-27				*4*	*$142*
	May 4				*1*	*$35.5*
Grade 6 Math	*Jan 14-28*		*Thurs*	*5:30 - 6:30pm*	*3*	*$106.5*
	Feb 4-25	*Feb 11*			*3*	*$106.5*
	Mar 4-25				*4*	*$142*
	Apr 8-29	*Apr 1*			*3*	*$106.5*
	May 6-13				*2*	*$71*
Grade 7 Math	*Jan 12-26*		*Tue*	*5:30 - 6:30pm*	*3*	*$106.5*
	Feb 2-23				*4*	*$142*
	Mar 2-23	*Mar 30*			*4*	*$142*
	Apr 6-27				*4*	*$142*
	May 4				*1*	*$35.5*
Grade 7 Math	*Jan 16-30*		*Sat*	*9 - 10am*	*3*	*$106.5*
	Feb 6-27	*Feb 13*			*3*	*$106.5*
	Mar 6-27				*4*	*$142*
	Apr 10-24	*Apr 3*			*3*	*$106.5*
	May 1-15				*3*	*$106.5*
Grade 8 Math	*Jan 16-30*		*Sat*	*12:00 -1pm*	*3*	*$106.5*
	Feb 6-27	*Feb 13*			*3*	*$106.5*
	Mar 6-27				*4*	*$142*
	Apr 10-24	*Apr 3*			*3*	*$106.5*
	May 1-15				*3*	*$106.5*
Algebra 1 (Grade 9)	*Jan 17-31*		*Sun*	*9 - 10am*	*3*	*$106.5*
	Feb 7-28	*Feb 14*			*3*	*$106.5*
	Mar 7-28				*4*	*$142*
	Apr 11-25	*Apr 4*			*3*	*$106.5*
	May 2-16				*3*	*$106.5*
Geometry (Grade 10)	*Jan 15-29*		*Fri*	*4 - 5pm*	*3*	*$106.5*
	Feb 5-26	*Feb 12*			*3*	*$106.5*

	Mar 5-26				*4*	*$142*
	Apr 9-30	*Apr 2*			*4*	*$142*
	May 7-14				*2*	*$71*
Trigonometry (Grade 10)	*Jan 14-28*		*Thurs*	*4 - 5pm*	*3*	*$106.5*
	Feb 4-25	*Feb 11*			*3*	*$106.5*
	Mar 4-25				*4*	*$142*
	Apr 8-29	*Apr 1*			*3*	*$106.5*
	May 6-13				*2*	*$71*
Precalculus (Grade 10)	*Jan 11-25*		*Mon*	*5:15 - 6:15pm*	*3*	*$106.5*
	Feb 1-22	*Feb 15*			*3*	*$106.5*
	Mar 1-22	*Mar 29*			*4*	*$142*
	Apr 5-26				*4*	*$142*
	May 3-17				*3*	*$106.5*
Chemistry (Grade 10)	*Jan 15-29*		*Fri*	*5:30 - 6:30pm*	*3*	*$106.5*
	Feb 5-26	*Feb 12*			*3*	*$106.5*
	Mar 5-26				*4*	*$142*
	Apr 9-30	*Apr 2*			*3*	*$106.5*
	May 7-14				*3*	*$106.5*
Learn Computer Science with Java (8th grade or above/AP)	*Jan 16-30*		*Sat*	*9 - 10am*	*3*	*$106.5*
	Feb 6-27	*Feb 13*			*3*	*$106.5*
	Mar 6-27				*4*	*$142*
	Apr 10-24	*Apr 3*			*3*	*$106.5*
	May 1-15				*3*	*$106.5*
Learn Python Script (Middle School or above)	*Jan 16-30*		*Sat*	*10:30 - 11:30am*	*3*	*$106.5*
	Feb 6-27	*Feb 13*			*3*	*$106.5*
	Mar 6-27				*4*	*$142*
	Apr 10-17	*Apr 3*			*2*	*$71*
Learn HTML (Middle School or above)	*Jan 16-30*		*Sat*	*12 - 1 pm*	*3*	*$106.5*
	Feb 6				*1*	*$35.5*

Learn PHP Script (Middle School or above)	***Feb 20-27***		***Sat***	***12:00 - 1pm***	***2***	***$71***
	Mar 6-27				***4***	***$142***
	Apr 10-24	***Apr 3***			***3***	***$106.5***
	May 1-15				***3***	***$106.5***
Learn JavaScript (Middle School or above)	***Feb 21-28***		***Sun***	***9am - 10am***	***2***	***$71***
	Mar 7-28				***4***	***$142***
	Apr 11-25	***Apr 4***			***3***	***$106.5***
	May 2-16				***3***	***$106.5***
Learn UNIX Shell Script: Bourne Again Shell(bash) (8th grade or above)	***Jan 17-31***		***Sun***	***10:30am - 11:30am***	***3***	***$106.5***
	Feb 7				***1***	***$35.5***
Learn MySQL Database (8th grade or above)	***Feb 21-28***		***Sun***	***10:30am - 11:30am***	***2***	***$71***
	Mar 7-28				***4***	***$142***
	Apr 11-25	***Apr 4***			***3***	***$106.5***
	May 2-16				***3***	***$106.5***

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 ($35.5 per hour)

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 Spring semester!

Regards,
Ken Soh

Website: www.cal-math.com/
Address: 2479 Flores Street, San Mateo, CA94403
Email: sanmateo@cal-math.com
Phone: (650) 999-0173
Sponsored by: STEM Education Support