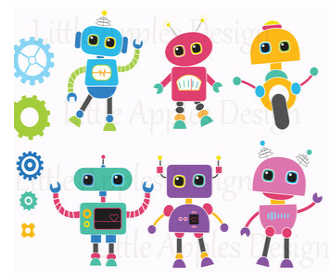
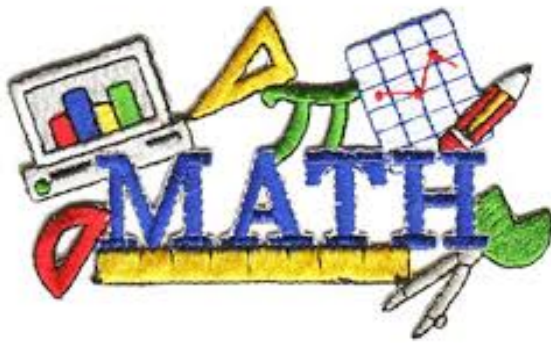


Fall Classes 2019

STEAM PROGRAM
SCIENCE, TECHNOLOGY,
ENGINEERING, THE ARTS & MATH



Carlisle Public Schools
2019 Fall Session
After School STEAM Program
Science, Technology, Engineering, the Arts and Math

Course/ Instructor	Grades	Dates	Day	Times	Location	Fee
<u>Art Club</u> Mrs. Levy	2-5	10/15 – 11/26 (no class 10/22)	Tuesdays	3:05–4:05pm	Mrs. Levy's Rm G116	\$80 Class Limit: 20

In our fall session of Art Club we will be creating Halloween inspired clay sculptures, coral reef inspired collages, and paintings inspired by the art of the Australian Aborigines.

Scratch Video Game Programming

Mr. Greenwood	Grades 4-5	10/21 – 12/16 (no class 11/11)	Mondays	3:05–4:05pm	Engineering Room	\$80 Class Limit: 10
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Using the Scratch programming language students will learn basic concepts of programming and computational thinking while developing their own video games from the ground up. Final projects will be shared online for other students and families to play!

Beyond the Hour of Code

Mr. Greenwood	Grades 2-3	10/22-12/17 (no class on 11/12)	Tuesdays	7:40 – 8:40am	Library	\$80 Class Limit: 10
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Students will work to develop programming skills and concepts using code.org. The game-based challenges start students at a beginner level and advance them to more difficult programming challenges at their own pace.

Computer Game Programming

Mr. Cranston	Grades 5-8	10/17–12/12 (no class 11/28)	Thursdays	3:05 – 4:30pm	Mr. Cranston's Rm G102	\$120
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Using the Scratch programming language, students will design and construct computer games while learning fundamental computer programming concepts. Scratch is designed to help young people develop important mathematical and computational ideas, while also gaining a deeper understanding of the design process. No prior experience with programming is necessary and previous participants are welcome.

MATHCOUNTS

Mrs. Perry	Grades 6-8	10/21 – 2/23 (No class 11/11, 12/23, 12/30 & 1/20)	Mondays	2:30-4:00 pm	Mrs. Perry's Rm W120	\$180 Minimum: 8 students
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The MATHCOUNTS Competition Series is a national program that provides students the opportunity to compete in live, in-person contests against and alongside their peers. MATHCOUNTS is open to all sixth, seventh and eighth grade students. The Competition series has 4 levels of competition - school, chapter, state, and national. Each level of competition is comprised of 4 rounds – Sprint, Target, Team, and

Countdown. Students will be coached for the school round (January) and chapter round (February) of competition doing sample questions and sharing strategies. The questions range from doable to very challenging for middle school students. Come improve your problem solving and team work skills in a fun and enriching environment.

Carlisle Math Club & Olympiad

Mr. DeForest Grades 4 & 5 10/28 – 3/30 Mondays 3:10-4:10pm Robbins R232 \$180
& Miss. Springer (No Class 11/11, 12/23, 12/30, 1/20 & 2/17)
Contest Dates* (Mondays): 11/18, 12/16, 1/27, 2/24 and 3/9 (Fee includes contest dates)

The Carlisle Math Club and Olympiad is a challenging program designed for advanced elementary mathematics students, particularly those in the 4th and 5th grades. The program consists of problem-solving sessions and the International Math Olympiad Contest (www.moems.org<<http://www.moems.org>>) For each hour-long session, students first attempt to solve Olympiad-level problems on their own, and then some students volunteer to present their solutions. The instructors serve as coaches during the problem solving and present alternative solutions during the presentation. Students will need to make a commitment to tackle the problems and contribute to a positive learning environment. The Carlisle Math Club consists of 13 sessions and 5 contests* - all held on Mondays for one hour after school (3:10-4:10 pm) except holidays. The club is in its fifth year and is organized by parent volunteers in partnership with the school. The program is open to all students in the 4th and 5th grades. If you are interested but your child is not in the 4th or 5th grade, please email us to discuss whether the program will be appropriate for your student at mdeforest@carlisle.k12.ma.us.

(Partial refunds will be provided for cancellations received prior to the first contest on November 19th.)

Chess Program

Ms. Prathiba Grades K-8 10/17-12/12 Thursdays MS 2:30-4:00 pm Community Rm. \$150
Yuvarajan (No class 11/28) K-4 3:00-4:00 pm \$100

Kids will learn new tactics and strategies which will help them improve their decision making, problem solving, pattern recognition and reasoning skills. The class will be a combination of lessons and play time. Prathiba is an international Master and runs tournaments and chess classes under ChessEmpireKids, Inc.

*No STEAM classes will be held during school vacations, holidays, early release Tuesdays (**unless otherwise specified**), professional days or on days school is unexpectedly closed. Course fees can no longer be pro-rated for late entry.*

Carlisle Public Schools
STEAM Registration Form
2019 Fall Classes

Registration form is below. Sign up now!! Space is limited and is on a first come, first served basis. A check must accompany the registration. Registrations cannot be accepted by telephone.

(Please Print)

Student's Name: _____

Grade: _____ HR Teacher: _____

STEAM Class(es): _____

Home Phone: _____ Parent Cell: _____

Parent Email: _____

Does your child have any life-threatening allergies? _____No _____Yes

If yes, please explain:

Cost of course(s) enrolled \$ _____

Please send a completed form for each child and include a check for the amount indicated by each course payable to "Town of Carlisle" to Amy Smack, Registrar of the Carlisle Public School. You will receive an email confirmation before each course begins. You may check space availability by calling 978-369-6550. Each course will require a minimum number of students enrolled to run.

*(Registration & Payment must be received by October 4, 2019
prior to the first scheduled class.)*