

STEM SUMMER COURSES

Middle & High School

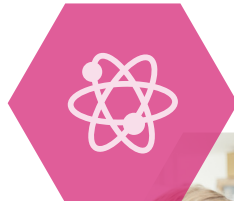
2019 Courses



Turn Summer Break into Summer Breakthroughs!

"My daughter just finished raspberry pi computer engineering course...she built two working games that she devised and programmed herself. I haven't seen her this happy or mentally satisfied in a long time!"

– Parent Testimonial



mindframe[™]
E D U C A T I O N

Voted "BEST OF LOUDOUN"



Voted "BEST OF NOVA"

Northern Virginia

STEM Summer Courses 2019 – Ashburn

	Gr 6-12 (rising)	Advanced Gr 8-12 (rising)
June 10 – 14	3D Modeling & Printing	
	3D Game Design with Unity	
June 17 – 21	Movie Making & Production	
	Graphic Design & Photography	
June 24 – 28	3D Game Design with Unreal	
	Programming & Robotics with VEX & mBot	
July 1, 2, 3, 5	Hackathon	
	Fortnite Gaming	
July 8 – 12	Character Design & Animation	Artificial Intelligence & Machine Learning
	Python Programming 1	
July 15 – 19	3D Modeling & Printing	Python Programming 2 & Certification Prep
	Java Programming 1	Interviewing & Networking
July 22 – 26	Movie Making & Video Production	Cyber Security & Encryption
	Computer Engineering with Raspberry Pi	
July 29 – Aug 2	3D Game Design with Unreal	Communication & Presentation
	Web Programming with Javascript	
Aug 5 – 9	iOS App Development	Java Programming 2 & Certification Prep
	Graphic Design & Photography	
Aug 12 – 16	Game Programming with Java	Leadership & Entrepreneurship
	Computer Engineering with Arduino	
Aug 19 – 21 (3 days)	Hackathon	
	Fortnite Gaming	

STEM Summer Courses 2019 – Reston

	Gr 6-12 (rising)	Advanced Gr 8-12 (rising)
June 10 – 14	-	-
June 17 – 21	3D Game Design with Unity	
June 24 – 28	Python Programming 1	
July 1, 2, 3, 5	Hackathon	
	Fortnite Gaming	
July 8 – 12	Movie Making & Video Production	Communication & Presentation
July 15 – 19	Graphic Design & Photography	
July 22 – 26	3D Modeling & Printing	
	iOS App Development	
July 29 – Aug 2	Java Programming 1	Cyber Security & Encryption
Aug 5 – 9	Computer Engineering with Raspberry Pi	Leadership & Entrepreneurship
Aug 12 – 16	3D Game Design with Unreal	Java Programming 2 & Certification Prep
Aug 19 – 23	Movie Making & Video Production	Fortnite Gaming

STEM Summer Course Information

In our STEM summer courses for rising grades 6-12 students learn how to think and work like real engineers, scientists, creative designers, and developers. They learn the latest tools and technologies and create real-world products and digital creations.

Full Day:

- ▶ 9am-4pm: \$350
- ▶ Multi course discount available

Extended Day:

- ▶ 8am-6pm: \$80 (5 day camp)

Half Day:

- ▶ AM Session: 9am-12pm
- ▶ PM Session: 1pm-4pm
- ▶ Price: \$245

Flex Day:

Pick the days you would like to attend.

- ▶ Flex Day (9am-4pm): \$80

Some courses have a lab fee of \$15, which includes materials and equipment usage.

Course Features

- ▶ 8:1 student to teacher ratio
- ▶ Hands-on STEM curriculum with real-world tools and technologies
- ▶ Indoor and outdoor break activities, games, challenges, and social time
- ▶ Students will be grouped by age and/or skill level in each camp
- ▶ They'll be taught by tech-savvy, experienced instructors with expertise in their fields and a passion for teaching

Typical Day

- ▶ 8am-9am: AM Extended Care
- ▶ 9am-10:30am: Instruction & project work
- ▶ 10:30am-11am: Break
- ▶ 11am-12pm: Instruction & project work
- ▶ 12pm-1pm: Lunch Break
- ▶ 1pm-2:30pm: Instruction & project work
- ▶ 2:30pm-3pm: Break
- ▶ 3pm-4pm: Instruction & project work
- ▶ 4pm-6pm: Extended Care

Multi Course Discount

		Full Day	Half Day
	1 Course	\$350	\$245
Family Pass	2-4 Courses	\$325	\$230
VIP Pass	5+ Courses	\$295	\$205

Use the family and VIP pass for any child in the family. Valid for any course, any week, any location in the 2019 season. See website for details.

Register Online

MindframeEducation.com/STEM-Summer-Camps
Call (703) 940-9440 for more information.

Locations

Ashburn
44933 George Washington Blvd. #160
Ashburn, VA 20147

Reston
12330 Pinecrest Rd.
Reston, VA 20191

