

STEM SUMMER CAMPS

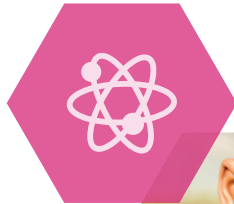
2019 Camp Guide



Turn Summer Break into Summer Breakthroughs!

"My daughter just finished raspberry pi computer engineering camp...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



mindframeTM
E D U C A T I O N

Voted "BEST OF LOUDOUN"



Voted "BEST OF NOVA"

NorthernVirginia

STEM Summer Camps 2019 – Ashburn

	Gr 1-3 (rising)	Gr 4-6 (rising)	Gr 6-12 (rising)	Advanced Gr 8 -12 (rising)
June 10 – 14	Simple Machines Physics & Engineering	Movie & Video Making	3D Modeling & Printing	
	Digital Arts & Crafts	Roblox Game Design	3D Game Design with Unity	
June 17 – 21	LEGO Engineering	Coding & Robotics	Movie Making & Production	
	Jr. Game Design	Minecraft Game Design & Modding	Graphic Design & Photography	
June 24 – 28	Jr. Coding & Robotics	3D Printing & Modeling	3D Game Design with Unreal	
	Jr. Space Science	Python & Raspberry Pi	Programming & Robotics with VEX & mBot	
July 1, 2, 3, 5	STEM Camp	STEM Camp	Hackathon	
		Gaming Tournaments	Fortnite Gaming	
July 8 – 12	Jr. Maker & Engineering	2D Mobile Game Design	Character Design & Animation	Artificial Intelligence & Machine Learning
	Digital Arts - Stop Motion Animation	Rocket Science	Python Programming 1	
July 15 – 19	Jr. Robotics	Photography & Stop Motion Animation	3D Modeling & Printing	Python Programming 2 & Certification Prep
	Edible Science	Minecraft Programming	Java Programming 1	Interviewing & Networking
July 22 – 26	Simple Machines Physics & Engineering	Creative Writing & Presentation	Movie Making & Video Production	Cyber Security & Encryption
	Jr. Game Design & Coding	Maker & Engineering	Computer Engineering with Raspberry Pi	
July 29 – Aug 2	Jr. Space Science	Movie & Video Making	3D Game Design with Unreal	Communication & Presentation
	Creative Storytelling and Drama	Python & Raspberry Pi	Web Programming with Javascript	
Aug 5 – 9	Math Games & Logic	3D Modeling & Printing	iOS App Development	Java Programming 2 & Certification Prep
	LEGO Engineering	Coding & Robotics	Graphic Design & Photography	
Aug 12 – 16	Jr. Coding & Robotics	FLL Prep - EV3 Programming & Robotics	Game Programming with Java	Leadership & Entrepreneurship
	All Things Science	Minecraft Game Design & Modding	Computer Engineering with Arduino	
Aug 19 – 21 (3 days)	STEM Camp	Digital Arts	Hackathon	
		Mental Math & Problem Solving	Fortnite Gaming	

STEM Summer Camps 2019 – Reston

	Gr 1-3 (rising)	Gr 4-6 (rising)	Gr 6-12 (rising)	Advanced Gr 8 -12 (rising)
June 10 – 14	-	-	-	-
June 17 – 21	Jr. Coding & Robotics	3D Printing & Modeling	3D Game Design with Unity	
June 24 – 28	Simple Machines Physics & Engineering	Coding & Robotics	Python Programming 1	
July 1, 2, 3, 5	STEM Camp	STEM Camp	Hackathon Fortnite Gaming	
July 8 – 12	Jr. Space Science LEGO Engineering	Minecraft Game Design Digital Arts	Movie Making & Video Production	Communication & Presentation
July 15 – 19	Jr. Game Design Math Games & Logic	Python & Raspberry Pi Creative Writing & Presentation	Graphic Design & Photography	
July 22 – 26	Jr. Coding & Robotics Digital Arts & Crafts	Rocket Science Roblox Game Design	3D Modeling & Printing iOS App Development	
July 29 – Aug 2	Jr. Maker & Engineering Edible Science	Photography & Stop Motion Animation Coding & Robotics	Java Programming 1	Cyber Security & Encryption
Aug 5 – 9	All Things Science Digital Arts - Stop Motion Animation	Movie & Video Making 2D Mobile Game Design	Computer Engineering with Raspberry Pi	Leadership & Entrepreneurship
Aug 12 – 16	Creative Storytelling & Drama LEGO Engineering	Maker & Engineering 3D Printing & Modeling	3D Game Design with Unreal	Java Programming 2 & Certification Prep
Aug 19 – 23	Math Games & Logic Jr. Coding & Robotics	Minecraft Programming FLL Prep - EV3 Programming & Robotics	Movie Making & Video Production	Fortnite Gaming

STEM Summer Camp Information

Our STEM summer camps for rising grades 1–12 combine fun and learning in one unforgettable experience. Students learn how to think and work like real engineers, scientists, creative designers, and developers. They get to work on cool projects, engage in fun, hands-on activities, and develop real-world products and digital creations.

Full Day Camps: 9am–4pm

- ▶ 5 day camp: \$350
- ▶ Extended Care (8am–6pm): \$80

Half Day Camps:

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

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

Flex Day Camps: Flex Day Camp option allows you to pick the summer camp days you would like to attend.

- ▶ Flex Day (9am–4pm): \$80

Camp Features

- ▶ 8:1 student to teacher ratio
- ▶ Hands-on STEM curriculum that combines fun and learning
- ▶ Fun 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 Camp 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 Camp Discount

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

Use the family and VIP pass for any child in your family. Valid for any camp, 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

