SUMMER STEM CAMP 2026

Calendar (College Gardens Elementary School)

BE: Budding Engineers (k & 1st Graders); YE: Young Engineers (2nd & 3rd Graders); SE: STEM Explorers (4th & 5th Graders)

Month	Summary	Mon	Tue	Wed	Thu	Fri
Jun/July 2026		**22** No Camp	**23** No Camp	**24** No Camp	**25** No Camp	**26** No Camp
	Wk 1: Robots BE: My First Robot YE: Scribbler Robot SE: Scribbler Robot Language: Graphical Programming (Blocky)	**29** STEM Video: Robots and Programming Introduction	**30** Spelling Bee/Math Drill Navigation (Hard coding)	**July 1** Ice-Cream and Cupcakes Social Foreign Language Light Sensing	**July 2** STEM-Based Basketball Contest Object detection	**July 3** No Camp (Independence Day)
July 2026						
	Wk 2: STEM Coding (Take Home Microbit) STEM Projects: BE: My First Code YE: Coding 101 SE: Coding 201 Program your Microbit in Python	**6** STEM Video Controlling LEDs, displaying text, playing sounds	**7** Spelling Bee/Math Drill Conditional statements – using buttons and LEDs	**8** Foreign Language Program to measure temperature and Motion (count steps)	**9** STEM-Based Basketball Contest For Loops and while loops	**10** STEM Fun day Build-a-thon. Fun composing melodies
	Wk 3: Robots BE: Cyberbot - MakeCode Graphical Programming YE: Cyberbot SE: Cyberbot Autonomous robots - Program in Python	**13** STEM Video: Robots and Programming Introduction	**14** Spelling Bee/Math Drill Navigation (Hard coding)	**15** Foreign Language Maze – program your robot to exit maze	**16** STEM-Based Basketball Contest Maze – program your robot to exit maze	**17** STEM Fun day Build-a-thon, popsicles Object detection
	Wk 4: Robots BE | YE | SE Navigation using Touch, Infrared and Visible light sensors	**20** STEM Video Robots and programming	**21** Spelling Bee/Math Drill Navigation - Touch	**22** Foreign Language Navigation - Visible Light	**23** STEM-Based Basketball Contest Navigation - Infrared	**24** STEM Fun day Build-a-thon, popsicles
	Wk 5: Structures: BE: Intro to Bridges (B[1]) YE: Intro to Bridges (I[2]) SE: Intro to Bridges (A[3])	**27** STEM Video	**28** Spelling Bee/Math Drill	**29** Foreign Language	**30** STEM-Based Basketball Contest	**31** STEM Fun day Build-a-thon, popsicles

[1]Beginner
[2]Intermediate
[3]Advanced

M: STEM Videos and Popcorn T: Spelling Bee/ Math Drill, etc. are Daily Specials

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Daily Schedule (College Gardens Elementary School)

09:00am – 09:50am	Regular arrival, board/table games, free play
09:50am – 10:00am	Morning Rally
10:00am – 11:00am	STEM Hands-On Workshop
11:00am – 11:30pm	Recess (outdoor/indoor depending on weather)
11:30pm – 12:15pm	Lunch Break
12:15pm – 01:00pm	Academic Enrichment
01:00pm – 02:00pm	STEM Hands-On Workshop
02:00pm – 02:45pm	Free time
02:45pm – 03:45pm	M: STEM Videos and Popcorn T: Spelling Bee/ Math Drill W: Foreign Language Enrichment (Chinese or Spanish) TH: STEM-Based Basketball Contest F: STEM Fun Day – Build-a-thon, Cotton Candy, etc.

Fun after Camp

04:00pm – 04:30pm	Snack Time
04:30pm – 05:30pm	Outdoor/Indoor Play (depending on weather)
05:30pm – 06:00pm	Centers (computers, E-Lab, reading, sports/games, Wii, Switch, Anki Over-drive, Xbox, Library)

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