



SUMMER STEM CAMP 2023

Calendar (College Garden Elementary School, Rockville, MD)

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 2023		19 No Camp	20 No Camp	21 No Camp	22 No Camp	23 No Camp
	Wk 1: Robots 1 BE: RC Robots YE: Lego. Mindstorms SE: Autonomous Robots	26 STEM Video: Nova: The Great Robot Race	27 Spelling Bee/Math Drill	28 Pajama Day/ Pizza Party Foreign Language	29 STEM-Based Basketball Contest	30 STEM Fun day Build-a-thon, Cotton Candy, popsicles
Jul 2023	Wk 2: Electronic Gadgets (Build and Take Home) BE: Electric Car YE: FM Radio (Non Soldering) SE: FM Radios (A ³)	3 STEM Video: Pure Science: Magnetic Storm	4 Independence Day No Camp	5 Foreign Language	6 STEM-Based Basketball Contest	7 STEM Fun day Build-a-thon, Cotton Candy, popsicles
	Wk 3: Structures: BE: Intro to Bridges (B ¹) YE: Intro to Bridges (I ²) SE: Intro to Bridges (A ³)	10 STEM Video: The Golden Gate Bridge	11 Spelling Bee/Math Drill	12 Foreign Language	13 STEM-Based Basketball Contest	14 STEM Fun day Build-a-thon, Cotton Candy, popsicles
	Wk 4: Robots 2 (Build and Take Home) BE: My First Robot (B ¹) YE: Line Tracking Robot (I ²) SE: Line Tracking Robot (A ³)	17 STEM Video Nova: The Great Robot Race	18 Spelling Bee/Math Drill	19 Foreign Language	20 STEM-Based Basketball Contest	21 STEM Fun day Build-a-thon, Cotton Candy, popsicles
	Wk 5: Green Engineering BE: Eco-Science Projects YE: Eco-House Project SE: Eco- City Project	24 STEM Video: Changing the Way the world works	25 Spelling Bee/Math Drill	26 Foreign Language	27 STEM-Based Basketball Contest	28 STEM Fun day Build-a-thon, Cotton Candy, popsicles
	Wk 6: STEM Fair Prep STEM Projects: BE: Various Projects YE: Various Projects SE: Various Projects	July 31 STEM Video: Nova: How does the brain work?	1 Spelling Bee/Math Drill	2 Foreign Language	3 STEM-Based Basketball Contest	4 End of Summer Celebration, STEM Fair/ Awards Ceremony

¹Beginner

²Intermediate

³Advanced



SUMMER STEM CAMP 2023

Daily Schedule (College Garden Elementary School, Rockville, MD)

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	Week Specials
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)

¹Beginner

²Intermediate

³Advanced