



## SUMMER STEM CAMP 2022

### Calendar (Christ Episcopal School, Rockville, MD)

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

Month	Summary	Mon	Tue	Wed	Thu	Fri
<b>Jun 2020</b>		<b>20</b> No Camp	<b>21</b> No Camp	<b>22</b> No Camp	<b>23</b> No Camp	<b>24</b> No Camp
	<b>Wk 1: Robots 1</b> BE: RC Robots YE: Lego. Mindstorms SE: Autonomous Robots	<b>27</b> STEM Video: Nova: The Great Robot Race	<b>28</b> Spelling Bee/Math Drill	<b>29</b> Pajama Day/ Pizza Party Foreign Language	<b>30</b> STEM-Based Basketball Contest	<b>1</b> STEM Fun day Build-a-thon, Cotton Candy, popsicles
<b>Jul 2022</b>	<b>Wk 2: Electronic Gadgets (Build and Take Home)</b> BE: Electric Car YE: FM Radio (Non Soldering) SE: FM Radios (A <sup>3</sup> )	<b>4</b> Independence Day No Camp	<b>5</b> STEM Video: Pure Science: Magnetic Storm	<b>6</b> Foreign Language	<b>7</b> STEM-Based Basketball Contest	<b>8</b> STEM Fun day Build-a-thon, Cotton Candy, popsicles
	<b>Wk 3: Structures:</b> BE: Intro to Bridges (B <sup>1</sup> ) YE: Intro to Bridges (I <sup>2</sup> ) SE: Intro to Bridges (A <sup>3</sup> )	<b>11</b> STEM Video: The Golden Gate Bridge	<b>12</b> Spelling Bee/Math Drill	<b>13</b> Foreign Language	<b>14</b> STEM-Based Basketball Contest	<b>15</b> STEM Fun day Build-a-thon, Cotton Candy, popsicles
	<b>Wk 4: Robots 2 (Build and Take Home)</b> BE: My First Robot (B <sup>1</sup> ) YE: Line Tracking Robot (I <sup>2</sup> ) SE: Line Tracking Robot (A <sup>3</sup> )	<b>18</b> STEM Video Nova: The Great Robot Race	<b>19</b> Spelling Bee/Math Drill	<b>20</b> Foreign Language	<b>21</b> STEM-Based Basketball Contest	<b>22</b> STEM Fun day Build-a-thon, Cotton Candy, popsicles
	<b>Wk 5: Green Engineering</b> BE: Eco-Science Projects YE: Eco-House Project SE: Eco- City Project	<b>25</b> STEM Video: Changing the Way the world works	<b>26</b> Spelling Bee/Math Drill	<b>27</b> Foreign Language	<b>28</b> STEM-Based Basketball Contest	<b>29</b> STEM Fun day Build-a-thon, Cotton Candy, popsicles
	<b>Wk 6: STEM Fair Prep</b> STEM Projects: BE: Various Projects YE: Various Projects SE: Various Projects	<b>1</b> STEM Video: Nova: How does the brain work?	<b>2</b> Spelling Bee/Math Drill	<b>3</b> Foreign Language	<b>4</b> STEM-Based Basketball Contest	<b>5</b> End of Summer Celebration, STEM Fair/ Awards Ceremony

<sup>1</sup>Beginner

<sup>2</sup>Intermediate

<sup>3</sup>Advanced



## SUMMER STEM CAMP 2022

### Daily Schedule (Christ Episcopal 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	Arts and Crafts/Centers (computer, building projects, reading)
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.
<b>Fun after Camp</b>	
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)

<sup>1</sup>Beginner

<sup>2</sup>Intermediate

<sup>3</sup>Advanced