

Date	Location: Pitt-Johnstown Campus		
	Morning Camp Schedule (9 AM – 12 PM)	Lunch Break	Afternoon Camp Schedule (1 PM – 4 PM)
Week of June 12 – 16	(J) Super Heroes and Villains LEGO Camp / B4K		(E) Think like a Hacker / Kristi Smith
Week of June 19 - 23	(J) Worlds of Amusement LEGO Camp / B4K		(E) Video Game Design with GameMaker/ Brian Slope
Week of June 26 – June 30	No Camp		
Week of July 3 - 7	No Camp		
Week of July 10 - 14	(J) Mining and Crafting Critters LEGO Camp / B4K		(E) Modding Minecraft / Brian Slope
Week of July 17 - 21	(J) Galaxy Far Away LEGO Camp / B4K		(E) Stop Motion Movie Making Camp / B4K
Week of July 24 – 28	(C) STEM Careers / Community		(E) Make Your Own Kind of Music / Katie Spiri
			(J) Mining and Crafting Critters LEGO Camp / B4K
Week of July 31 – Aug 4	(E) LEGO Mindstorm EV3 Robotics Camp / B4K		(E) Video Game Design with GameMaker/ Brian Slope
			(J) Movie Mash Up LEGO Camp / B4K
Week of Aug 7 – 11	(C) STEM Careers / Community		(J) BRICK City Engineering LEGO Camp / B4K
Week of Aug 14 - 18	(J) Mining and Crafting Mobs LEGO Camp / B4K		(J) Jr. Robotics LEGO Camp / B4K

Date	Location: Pitt-Johnstown Campus				
	Time	Camp Name	Camp Teacher	Grade Level	Camp Description
Week of June 12 – 16	9 AM – 12 PM	Super Heroes and Villains LEGO Camp	Bricks4Kidz	Grades 2-5	Bring your super powers to this camp and create a fantasy world and protect it against all the evil arch enemies with custom contraptions made with LEGO® Bricks! Explore all of the caped crusaders and their

					<p>super powers. This camp will feature a bat hero who comes out each night to fight against evil-doers! Send the bat hero swinging on his grappling hook technic model from one skyscraper to the next as he fights crime with his trusty super sidekick. Campers will use their imaginations, building skills and crime-fighting passion in this thrilling camp of heroes and villains! At the end of the week, all SUPER HERO CAMPERS will go home with a custom mini figure!</p> <p>LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.</p>
	1 PM – 4 PM	Think like a Hacker	Kristi Smith	Grades 4 – 8	<p>Thinking like a hacker is what it takes to be cyber safe! Do you use free wi-fi, social media or share pictures online? You may be a target! At this camp, we will explore basic cyber-security concepts, malware threats, password tips and how to protect your identity and information. Learn to think like a hacker in order to protect yourself and your family. There will be hands-on labs, simulations and fun activities.</p>
Week of June 19 - 23	9 AM – 12 PM	Worlds of Amusement LEGO Camp	Bricks4Kidz	Grades 2-5	<p>This camp takes you on a thrilling adventure building amusement park themed models. Spend time visiting the Wizard World by building your favorite wizard and his magical owl! Build and give your despicable yellow movie characters a thrilling roller coaster ride! Get your amusement park ticket stamped as you turn games, food, rides and attractions into exciting model builds! All this and more awaits at Bricks 4 Kidz Worlds of Amusement Camp!</p> <p>LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.</p>
	1 PM – 4 PM	Video Game Design with GameMaker	Brian Slope	Grades 4 – 8	<p>Do you have an idea for a great game? Well stop waiting for someone else to build it, and make it yourself. This camp will teach you basic game design skills using software that adapts and expands based on your abilities. You can create almost any type of game and all campers will leave with at least 2 functioning games for</p>

					Windows by weeks end and the knowledge to make even more. Utilizing basic coding commands and techniques, the game maker software allows students of all ages to successfully create games. Once games are completed, the instructor will demonstrate how you can convert your game into various formats. Campers ages 10 and up will learn coding and game design in this camp.
Week of July 10 - 14	9 AM – 12 PM	Mining and Crafting Critters LEGO Camp	Bricks4Kidz	Grades 2-5	<p>Minecraft is a game about placing blocks to build anything you can imagine. At night monsters come out, make sure to build a shelter for the passive mob critters before that happens. Experience the world of Minecraft with LEGO® bricks in this fun camp. Kids will start by crafting their shelters and some of the critters and tools using LEGO® bricks. Students will face new challenges each day, building models and crafting key elements from the popular Minecraft game.</p> <p>LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.</p>
	1 PM – 4 PM	Modding Minecraft	Brian Slope	Grades 4 – 8	Tired of playing regular Minecraft? Well how about we change the rules? In this camp, you will create a custom world in Minecraft using your creativity and imagination. Using free software tools and the Internet, we will examine ways to customize the playing environment in the popular game Minecraft. Each camper will build a game world complete with custom items, textures and mobs, limited only by their imaginations. This camp will build upon students existing game design skills, knowledge of geometry and their artistic abilities. Designed for ages 9 and up, Modding Minecraft will challenge anyone who has played the game to make it their way.
Week of July 17 - 21	9 AM – 12 PM	Galaxy Far Away LEGO Camp	Bricks4Kidz	Grades 2-5	Experience the world of space and science fiction adventure the Bricks 4 Kidz way! We'll explore the Science & Engineering behind both NASA and Star Wars space adventures... with LEGO® bricks!. Trust your astronaut's building skills to pilot a spacecraft that will

					bring you back to your home base safely. We'll build motorized models that represent spacecraft and life forms from your favorite popular space movie including everything from Spaceships to Speeders and Droids to Alien life. Come experience this stellar journey to a galaxy far away!  LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.
	1 PM – 4 PM	Stop Motion Movie Making Camp	Bricks4Kidz	Grades 4 – 8	Light, cameras, LEGO® action! Use LEGO® bricks to tell YOUR story, complete with music, special effects and all your favorite LEGO® mini-figure characters! In this unique and creative camp, students will plan, script, stage, shoot, and produce their own mini-movie using Stop Motion Animation. Working as a team, students will use LEGO® components to build the set and props, then shoot their movie using a camera. Teams will use movie-making software to add special effects, titles, credits and more. When the movie is complete, campers will impress friends and family with a screening party on the last day of camp. Don't miss your chance to be a movie producer!  LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.
Week of July 24 – 28	9 AM – 12 PM	STEM Careers Camp	Community	Grades 6-8	Campers will learn about a variety of STEM Careers throughout the week that relate to topics such as Computer Science/Coding, Cyber Security, Music and Technology, Engineering, Agriculture and more. Each day of camp will feature a workshop that includes engaging activities for campers. Monday – Careers in Cyber Security Tuesday – Engineering and Robotics Wednesday – Careers in Music Technology Thursday – Make Digital Art with Code Friday – Make your own Fitness Gadget Commercial
	1 PM – 4 PM	Make Your Own Kind of Music	Katie Spiri	Grades 4-8	Music has become computer and science based. In this creative summer camp, we will integrate the two! Using

					<p>a music program that most Mac computers have built in, Garage Band, this camp teaches basic music programming and computer skills. This software is extremely user friendly and creates a blank canvas for kids to explore the wonderful world of music programming and production. By the end of this camp, each student will have a basic understanding of software computing and music programming within Garage Band as well as a short recording/project to take home and keep forever.</p>
	1 PM – 4 PM	Mining and Crafting Critters LEGO Camp	Bricks4Kidz	Grades 2-5	<p>Minecraft is a game about placing blocks to build anything you can imagine. At night monsters come out, make sure to build a shelter for the passive mob critters before that happens. Experience the world of Minecraft with LEGO® bricks in this fun camp. Kids will start by crafting their shelters and some of the critters and tools using LEGO® bricks. Students will face new challenges each day, building models and crafting key elements from the popular Minecraft game.</p> <p>LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.</p>
Week of July 31 – Aug 4	9 AM – 12 PM	LEGO Mindstorm EV3 Robotics Camp	Bricks4Kidz	Grades 4-8	<p>Experience the cutting edge of technology with the introduction of LEGO® MINDSTORMS EV3 Robotics. Students will be captivated as they incorporate the newest generation of motors, sensors and software by programming their commands directly into the intelligent brick. Test their capabilities by moving an object with a robotic claw, building a robot that draws, or a creating a mousetrap. Kids will work in pairs to solve challenges by building and programming robots using LEGO® MINDSTORMS EV3 Robotics. In addition to having fun, participants learn about programming, problem solving and teamwork skills.</p> <p>LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.</p>

	1 PM – 4 PM	Video Game Design with GameMaker	Brian Slope	Grades 4 – 8	Do you have an idea for a great game? Well stop waiting for someone else to build it, and make it yourself. This camp will teach you basic game design skills using software that adapts and expands based on your abilities. You can create almost any type of game and all campers will leave with at least 2 functioning games for Windows by weeks end and the knowledge to make even more. Utilizing basic coding commands and techniques, the game maker software allows students of all ages to successfully create games. Once games are completed, the instructor will demonstrate how you can convert your game into various formats. Campers ages 10 and up will learn coding and game design in this camp.
		Movie Mash Up LEGO Camp	Bricks4kidz	Grades 2-5	Come join us for a wild week of building fun! This camp is all about building movies, LEGO-style. Enjoy building your favorite scenes and characters from popular movies such as Star Wars, Jurassic World, Minions, Finding Dory, Frozen, and Batman. Together we'll build motorized builds and 3D figure builds as we create our own Movie Mash Up LEGO World. Wow, what a week this will be.  LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.
Week of Aug 7 – 11	9 AM – 12 PM	STEM Careers Camp	Community	Grades 6-8	Campers will learn about a variety of STEM Careers throughout the week that relate to topics such as Computer Science/Coding, Cyber Security, Music and Technology, Engineering, Agriculture and more. Each day of camp will feature a workshop that includes engaging activities for campers. Monday – Careers in Cyber Security Tuesday – Make Digital Art with Code Wednesday – Careers in Music Technology Thursday – Pollinators and Food Production Friday - Make your own Fitness Gadget Commercial
	1 PM – 4 PM	BRICK City Engineering LEGO Camp	Bricks4Kidz	Grades 2-5	Let's build a CITY! There are many different types of engineering jobs, and building is one of the most fun! What would a city be without the architects and

					<p>engineers who come up with the ideas, plans and building skills to make it all come together? Campers will put their engineering and architecture skills to work as they build city themed models using LEGO® Bricks. The sky's the limit when campers are challenged to use their own ideas and skills to build a skyscraper taller than their heads! They'll have a blast using custom-built cars to move the people of the city all around town – brick by brick! What an accomplishment to be able to proudly exclaim “We built this BRICK City!”</p> <p>LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.</p>
Week of Aug 14 - 18	9 AM – 12 PM	Mining and Crafting Mobs LEGO Camp	Bricks4Kidz	Grades 2-5	<p>Steve is jumping for joy as he introduces the newest hostile mob members of his Minecraft® world. Reward your child with the creativity and excitement this camp has to offer as we explore the special features of the mob world. Campers will be challenged to bring their virtual designs to life by building new mob figures, mosaics and custom models, incorporating LEGO® Bricks. So, are you ready for the challenge?</p> <p>LEGO® is a registered trademark of the LEGO® Group of companies which does not sponsor, authorize or endorse these programs.</p>
	1 PM – 4 PM	Jr. Robotics LEGO Camp	Bricks4Kidz	Grades 2-5	<p>This week is all about Robots! The Jr. Robotics Camp offers all the fun of building with LEGO® bricks, PLUS the challenge of working with technology and computer programming!. Using LEGO® brick robots, you will explore new adventures, games and coding challenges with your custom creations. How would you like to turn your next LEGO® creation into a robot, programmed to do exactly what you tell it to do? In addition to robotics challenges, kids will love to see their creations in motion using LEGO® wireless remote controls. Each day, campers will use fascinating and challenging LEGO® components to create dynamic vehicles, inventions, machines and more. This camp is loads of fun and learning for budding builders.</p>

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