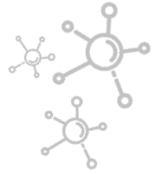
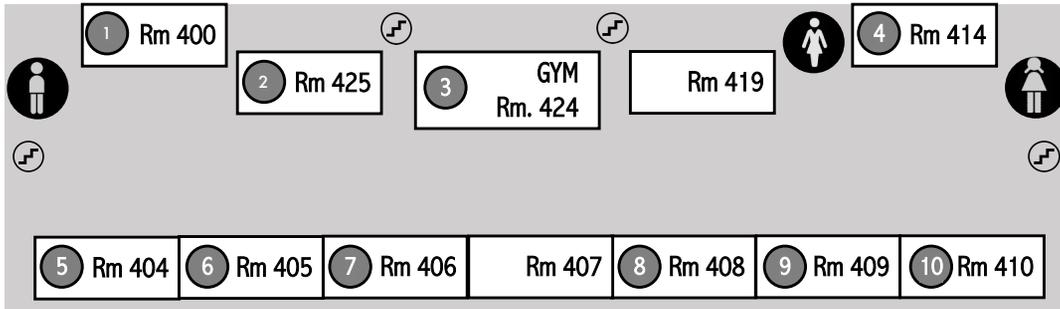


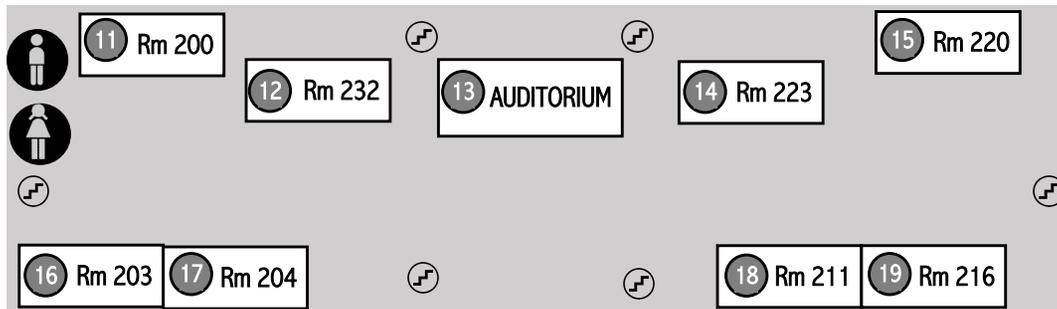
SUPER SCIENCE SATURDAY



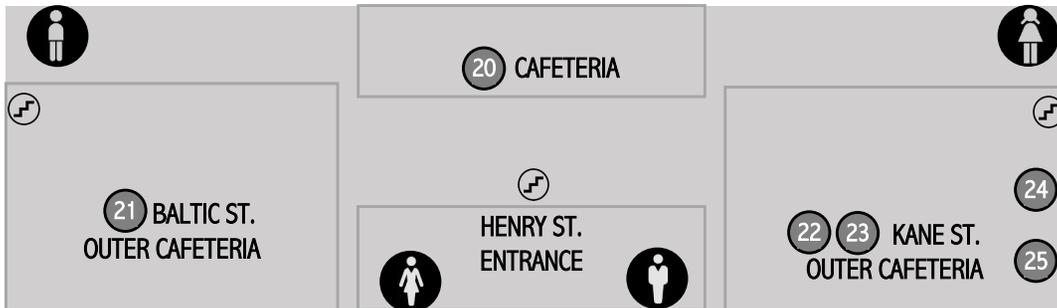
fourth floor



second floor



first floor



Schedule of Timed Entertainment & Workshops

All other activities are available anytime between 11:30am-3:30pm

11:45am

Nature Company Animal Show
Ranger Eric Animal Show
Peppered Moon Zero Waste Cooking Class

Location on Map

15 (Rm 220)
19 (Rm 216)
24 (Rm 113)

12:00pm

Bill Loudon All About Air Stage Show

13 (Auditorium)

12:45pm

Nature Company Animal Show
Ranger Eric Animal Show
Peppered Moon Zero Waste Cooking Class

15 (Rm 220)
19 (Rm 216)
24 (Rm 113)

1pm

Bill Loudon Sideshow Science Stage Show

13 (Auditorium)

1:45pm

Nature Company Animal Show
Ranger Eric Animal Show
Peppered Moon Zero Waste Cooking Class

15 (Rm 220)
19 (Rm 216)
24 (Rm 113)

2pm

Bill Loudon Energy Edutainment Stage Show

13 (Auditorium)

2:45pm

Nature Company Animal Show
Ranger Eric Animal Show
Peppered Moon Zero Waste Cooking Class

15 (Rm 220)
19 (Rm 216)
24 (Rm 113)



ACTIVITY DESCRIPTIONS	MAP LOCATION
<p>Animal Habitats Our youngest attendees are invited to learn about animal habitats and then create homes using blue blocks. They can also stamp animal tracks and create animal scenes from stickers.</p>	25
<p>Are You a Supertaster? Find out if your genes give you the ability to taste a bitter test strip (PTC) making you a supertaster. Also find out if you have the gene that makes cilantro taste like soap. We will learn how dominant and recessive genes are inherited and how your genes can influence your perception of taste.</p>	6
<p>Bill Louden Stage Shows *see schedule for timing</p> <ul style="list-style-type: none"> • All About Air: Take a deep breath as we learn about gas and gas pressure. Air is all around us, and with the right tools we'll learn to harness it for some seriously cool science. We'll see rockets powered by burps, sub-zero frozen blocks of air, and toilet paper flying sky high! • Sideshow Science: Learn the secrets of sideshow as Brainy Bill guides guests through the science of some classic routines. Volunteers will take the stage to learn how to tear phone books apart, walk across raw eggs, breathe like a dragon, and more! • Energy Edutainment: Sure, you've learned about kinetic and potential energy. But what about electrical, chemical, heat, and more? In this energizing assembly, Brainy Bill will use some scientific know-how to create elephant toothpaste, glowing pickles, and laser-lit balloons! 	13
<p>Brooklyn Ninja Academy: Ninja Warrior Obstacle Course Brooklyn Ninja Academy trains kids and adults on ninja warrior obstacles, just like on the NBC show American Ninja Warrior. The program teaches participants how to overcome ninja warrior obstacles by analyzing, approaching, and eventually conquering obstacles to climb, swing and eventually, propel. A key component of the sport of ninja warrior is balance and agility. Coaches from Brooklyn Ninja Academy will introduce a handful of balance and agility obstacles to interested future ninjas. Ninjas' technique, balance, control, and speed are challenged on our mini course. Ninjas will learn how to plan out their steps and where to place their feet and how to hold their bodies for the most efficient course completion strategy. We'll even have a buzzer at the end of the course, just like on American Ninja Warrior!</p>	3
<p>Brooklyn Robot Foundry Create flying/floating parachuting creations. Send them up through a wind tunnel and watch them float down. Take a break and build a collaborative sculpture by screwing in new pieces and decorations.</p>	17
<p>Brooklyn Strategist: Environmental Gaming Join specialists from local institution The Brooklyn Strategist for an afternoon of game-based learning. We will be running demonstrations of environmentally focused games like Parks, a family-friendly strategy game about hiking through US National Parks, Wingspan, a popular game about raising birds in wildlife preserves, and Evolution: Climate, where students will play as animals adapting to climate change and compete for dwindling resources. Stop by our table to learn more about the importance of nature conservation through the power of board games!</p>	5
<p>Casa Lu: Magic Plastic Fabric, recycling and repurposing plastic bags. Join us for an inspiring, creative workshop that offers a hands-on plastic recycling experience. During this unique workshop, Casa Lu will demonstrate different ways to repurpose and upcycle all those unwanted plastic bags floating around, such as bread, tortilla, and bagel bags. Kids will learn how to create their very own fabrics from plastics. This project focuses on taking material that might head to the landfill and turning it into beautiful wearable art, handbags, pouches, wallets, etc. Children will have access to materials, and our assistants will assist them as they create and learn a new way of looking at materials we often discard.</p>	10
<p>Climate Action Table Join us to take positive action to fight climate change. You are part of the solution!</p>	22



ACTIVITY DESCRIPTIONS	MAP LOCATION
<p>Clixo: Creative Toy Building A fun and creative toy building workshop that encourages design, story-telling, collaboration, and problem-solving skills. In each session, we will use Clixo magnetic flexible pieces to build playful 3D shapes that spark the imagination and creativity. Each group will work separately and together as a team using planning skills and peer support to create large colorful and sturdy structures.</p>	16
<p>Curious Jane: Salad Spinner Spin Art DIY some super colorful spin art with a fun kitchen gadget. Hint: Physics is at play... come find out how it works! Neon Paint String Art A simple way to create beautiful organic forms that remind us of the coral reefs. A length of string, neon paints and just the right touch - make mirror image prints that are bright and beautiful.</p>	7
<p>Experiments Join us to make DIY chalk, to keep paper dry underwater, grow a rainbow, to create optical illusions, a rubber band guitar, an ear drum and giant fingerprints. To build a simple motor, inflate a balloon with vinegar and baking soda, and take your pulse using a marshmallow.</p>	20
<p>koko: Build Simple Machines Kids will have the opportunity to tinker and construct simple machines. Learn about levers, wheel-and-axles, screws and pulleys, and put them together to create catapults, vehicles and elevators!</p>	12
<p>Nature Company: Animal Shows *see schedule for timing Bringing the coolest animals into the classroom, kids will have the opportunity to meet a host of animals up close and learn from our animal experts.</p>	15
<p>NY Marine Rescue: How to save a marine animal Learn about NY Marine Rescue Center's methods to respond to stranded marine animals. Students will get a chance to be in the shoes of our biologist as we go through the procedures together with a model sea turtle, seal, or dolphin. We will also discuss what you as a bystander can do to help if you come across a stranded marine animal on the beach.</p>	14
<p>Penguin Coding School: Climate Change Coding Game Using the programming platform Scratch, we created a game showcasing how climate change is impacting different parts of our world. Scratch teaches the fundamentals of coding by creating games and animated stories. Kids are able to click around in Scratch and simultaneously learn a little bit about the program and a little more about the world around them.</p>	9
<p>Peppered Moon: Zero Waste Cooking Class *see schedule for timing Join PS29 Parent and chef, Veronica Sinclair, to learn about zero waste cooking. With a focus on tasty sustainability, Veronica will teach kids and their caregivers how to maximize your ingredients to make delicious food.</p>	24
<p>PLAYDAY: Plastic Pollution Art Plastic Pollution. Working with the artists of playday, students and their caregivers collaborate to create a work of art from found objects in our rivers and beaches, as well as microplastics collected in our homes. As we create, we ask ourselves: What can we replace these items with? What could we innovate to eliminate these microplastics from our production line?</p>	2
<p>PS29 Ultimate STEM Choice Time (11:30-1pm, grades 2-5) Head to the library for your choice of coding activities.</p>	8
<p>Ranger Eric: Animal Shows *see reverse for timing One of Super Science Saturday's favorites, Ranger Eric is back with his animal show. Learn about animals from the biologist and ranger, Eric Powers.</p>	19



ACTIVITY DESCRIPTIONS	MAP LOCATION
<p>spear: Obstacle Course and Building Movement Models Kids will join the PTs/OTs at Spear in understanding movement and anatomy of the human body by building simple movement models to demonstrate how our muscles work. They can also participate in a fun obstacle course to show how our balance and coordination are very important in playing, running, and participating in athletics.</p>	18
<p>Splat Lab: Fizz Balls and Magic Beans Splat Lab will be hosting one of our most popular activities- Fizz Balls! Make these fizzing, bubbling, colorful creations with ingredients you can find in your home too! Not in the mood for Fizz Balls? We will also have some of our colorful Magic Beans available for you to make original artwork!</p>	4
<p>Textile Arts Center: Paint with Natural Dyes Paint with natural dyes . Students will experiment with a variety of mordents and activators to see how they can affect the color of natural dyes on watercolor paper. Participants will learn about the chemistry and historic uses of natural dyes.</p>	11
<p>Urban STEAM Lab: Catapult Face-Off In this workshop we'll be building our own pocket catapults out of popsicle sticks and rubber bands. Then, kids will face off and see who can score the most points with their catapult by getting their projectiles to various targets.</p>	1