

ADVENTURE GUIDE:

Helpful Tips and Info for Planning an Awesome Day

CARNEGIE SCIENCE CENTER

ONE OF THE FOUR CARNEGIE MUSEUMS OF PITTSBURGH

January 2023

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Welcome to Carnegie Science Center

Above is the Main Entrance to the museum. This is where you will enter to buy or redeem your timed tickets and start your day.

We are excited for you to visit us today!

This Adventure Guide will help you navigate the museum and our many exhibit areas. Our goal is to make sure you have a fun-filled, safe experience. If you need anything while you are visiting, please see a staff member.

Inside the Main Entrance

Below is what to expect when you walk through our Main Entrance doors



XPLOR Store

When you walk in the Main Entrance, to the left is the XPLOR Store.



Ticket Counter

When you walk in the Main Entrance, straight ahead is where you will wait in line to get your wristbands and/or tickets.

The Ticket Counter is also where you can borrow accessibility items such as manual wheelchairs, sensory backpacks, noise-cancelling headphones, and weighted vests. You can also rent a motorized wheelchair for \$25. Only one member of your group needs to wait in line to purchase the tickets for your group.



Wristbands

Pictured at left, you will receive one of these wristbands if you are checking out the museum. The Rangos Giant Cinema and laser shows all have separate tickets.

First Floor

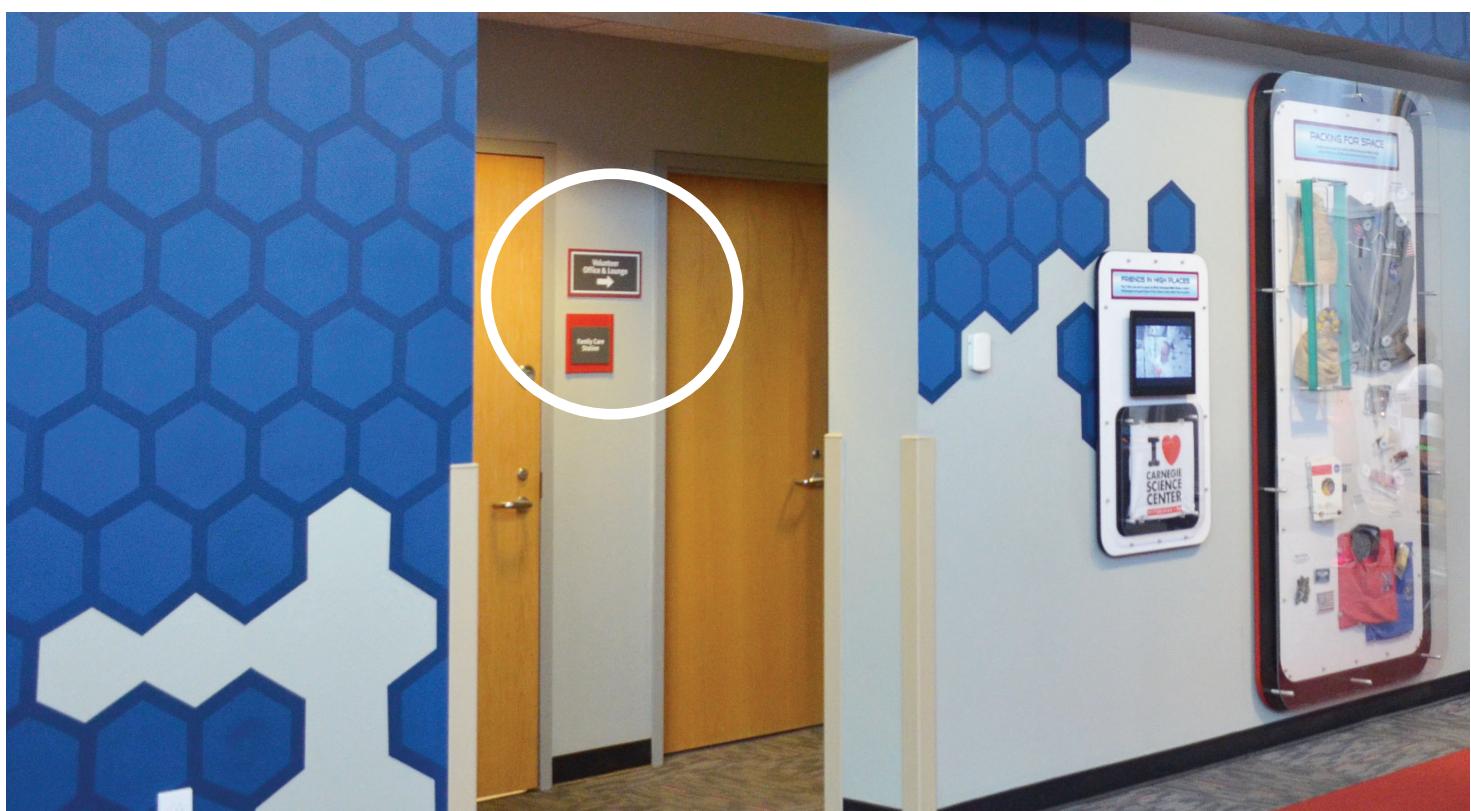
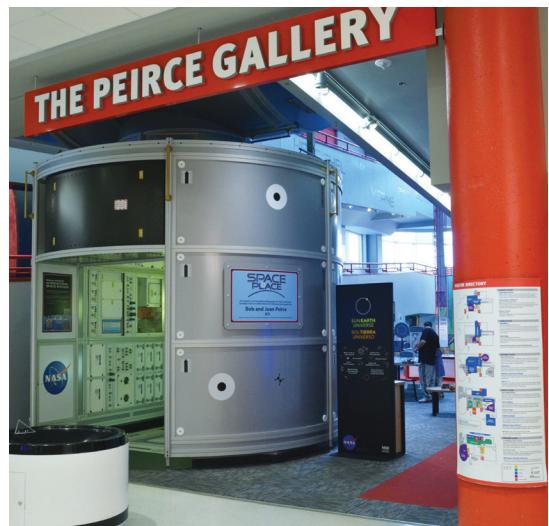
The Peirce Gallery

The Peirce Gallery is located on the First Floor and features SpacePlace, an astronomy and space exploration exhibit.

Explore a walk-in replica of the International Space Station and check out artifacts, space images, mission patches, and a flight suit.

Learn about space exploration and our solar system. There are TV monitors in this exhibit area that play sound. The rocket launcher (orange tower) makes a “pouf” sound when you press the button. The Zeiss Projector at the far end (near the Science Stage) makes a periodic buzzing sound as it moves.

A single-stall, all-user restroom is located inside the doorway (pictured below). It's labeled “Family Care Station.” It contains a diaper changing-table and an armchair.



Science Stage

On the First Floor, you will find our Science Stage.

Explore scientific topics in a big way with a Science Stage demonstration! Enjoyable for all ages, participants investigate the laws of motion, launch a fiery rocket, build a zoo, and so much more! All shows are delivered in less than 30 minutes.

This space is sometimes used as a “Quiet Area” during our Sensory Sensitive Science Hours. On these occasions, regular Science Stage show scheduling may be affected.



First Floor

PPG SCIENCE PAVILION™

On the First Floor at the entrance of *PPG Science Pavilion*, there is a set of elevators that will take you down to the ground level if you would like to go to RiverView Café or USS Requin. There are also stairs that you can take down to the Ground Floor.

The Scaife Exhibit Gallery is currently closed to the public. It will reopen on Saturday, February 11 with the traveling exhibition *Vikings: Warriors of the North Sea*. We hope you return to see it!



First Floor



Ramp and Elevators to More Exhibit Areas

When you are ready to go to other exhibits in the main building, there is a ramp located behind the Admissions Desk (pictured at left).

This ramp will take you to the Covestro Gallery, as well as the Second, Third, and Fourth Floors. You can use this ramp when you are ready to come back down to the first floor, too.

There is also an elevator up the ramp, on the second landing. You can see what the elevator looks like below. The elevator will take you to the ground level, second, third, and fourth floors.



Floor maps are posted by the elevator; daily show schedules can be found inside the elevator.

First Floor

Covestro Gallery

H2Oh! Why Our Rivers Matter

As you walk up and down the ramp, you will see the H2Oh! exhibit area. In this exhibit area, you can make it rain and check out our Frozen Raindrop where you “freeze” water in high-definition video and study the movement. (Please note there is a strobe light being used in Frozen Raindrop).

As H2Oh! contains a water table, you may get wet!

In the back of H2Oh! is our Field Station. Step into the spotlight and see yourself on television as you report the weather. Observe our live animals in their natural environments such as fish, turtles, snakes, and so much more!



Second Floor



Buhl Planetarium

Here is Buhl Planetarium.

It is located on the Second Floor. This high-definition, full-dome experience will take you to the far reaches of the galaxy. Explore the universe's outer limits and learn how to locate planets and constellations from your own backyard.

Shows in Buhl Planetarium contain a darkened room with cinematic effects that are immersive, and sometimes loud. If you need to leave in the middle of a Planetarium show, you will not be able to re-enter during the show.

All shows are enjoyable for all ages. Specific early learner programming is noted on the daily schedule. You can pick up a copy of the daily schedule on the day of your visit.



Second Floor



Miniature Railroad & Village®

The Miniature Railroad & Village® is also on the Second Floor.

Here are some pictures of the display. Remember, the Miniature Railroad is a no-touch exhibit.

Also, note that the Miniature Railroad & Village® closes annually for maintenance. Please visit the website for dates.

There's a big red button at one end of the display that you can push, if you want to. It makes the train whistle blow! Ask one of the Museum employees in red if you want to push it!



Second Floor

Mars: The Next Giant Leap



Mars: The Next Giant Leap launches you on a 300-million-mile journey to Mars where you will learn the many facets of space exploration.

There are seven experiential zones that demonstrate elements of inhabiting and maintaining a habitable climate on Mars.



In View from Mars there is a video projection describing our perspective of Mars from 1870 to present time and beyond.

In Climatology, a large interactive projection is controlled by two circular touchscreens - one for Earth and one for Mars. This interactive also includes one rectangular touchscreen station. Screens are bright and images change swiftly.



The Martian Garden includes a touch screen where visitors can choose ingredients for a Martian meal.

Martian Living includes five audio triggers. Visitors can choose to trigger audio prompts or scan QR codes to read. These audio clips provide insight into each character's life on Mars.

Dream Big: Space includes touch screens to vote on the future of Martian community. The area additionally includes a 3D video of Mars spinning.



In Pittsburgh in Mars, there is plenty of text to read. No sounds or interactives are present in this section.



In Search for Life, visitors can control the rovers with joysticks. When a rover discovers an item under the surface sections light up.

Third Floor



BodyWorks

On the Third Floor, you will find BodyWorks and the BodyStage.

It's all about your insides! You can check out some x-rays, make your skeleton dance, and see live demonstrations on how the human body functions. Some of the exhibits in this area, such as the Star Tracer, Fart Machine, and Heartbeat Drum, make noises or effects that may be surprising.



BodyStage

The BodyStage is also on the Third Floor.

Do you know what's going on inside your guts? Have you ever wondered why we have different tastes in food? In our BodyStage theater, you will see shows that explore nutrition, food science, the systems of the body, and more!



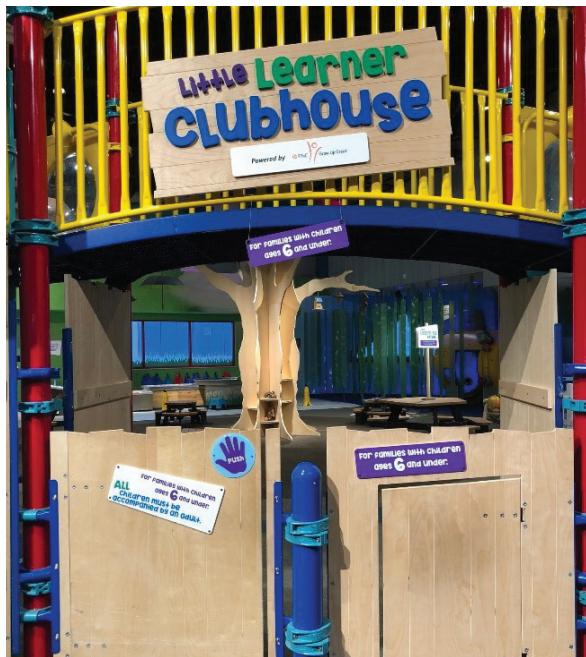
Fourth Floor

There are four areas on the Fourth Floor to visit.



NETL Energy Zone

Explore energy-focused exhibits in this area such as the NETL Energy Challenge Game!



Bricksburgh

This area features building challenges, interactives, and free-play and demonstration areas. Explore the power of creativity with familiar toy building bricks. The Earthquake Table and Shake Shack (former Earthquake Café) in this section shake and make noise when you press the green buttons. You can press the red buttons to stop them.

Little Learner Clubhouse Powered by PNC Grow Up Great

In the back of the Fourth Floor is the Little Learner Clubhouse.

This exhibit is for our earliest learners (age 6 and under). Here, you'll find a water table where you might get wet, squishy bean bag chairs in our Book Cove, and a Clubhouse to climb on!

The musical instruments in the Clubhouse, Button Wall, and the Ball Drop machine can be loud and may surprise you.

There is a Nursing/Family Care Room at the back of the Little Learner Clubhouse, which includes a sink, outlet, comfy chair, and some children's books.

Fourth Floor

Works Theater

In the back of the Fourth Floor near the Little Learner Clubhouse, you will find the Works Theater.



Science is always “under construction” in the Works Theater:

Experience a live showcase of dazzling demonstrations in a one-of-a-kind industrial setting. Taste a frozen marshmallow, feel the zap of electricity, and so much more! Shows may involve water-vapor fog, strobe lights, loud sounds, or an indoor lightning display from our Tesla Coil.

If you need to leave in the middle of a Works Theater show, you will not be able to re-enter during the show.

All shows are enjoyable for all ages and delivered in 30 minutes or less!



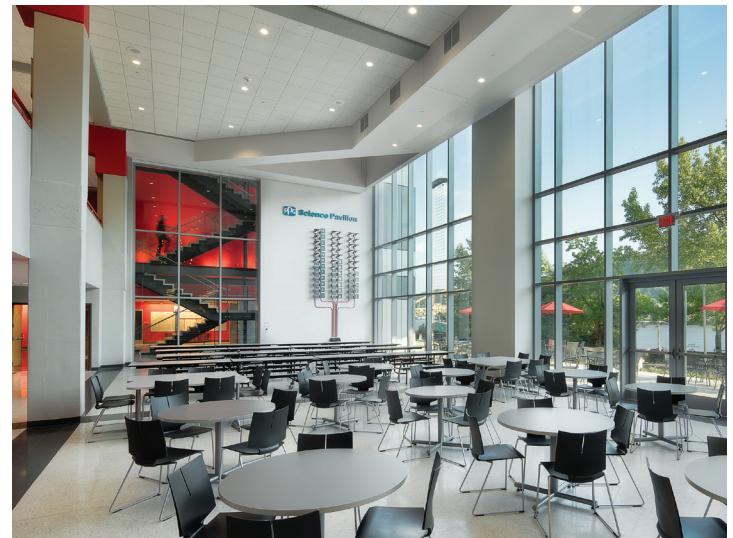
Ground Floor

RiverView Café

On the Ground Floor of the Science Center, you will find RiverView Café (open 10 am-4:30 pm). You can purchase food and take a break.

The picture to the right is where you will go to buy and pickup your food. You may have to wait in a line. After you order, make sure you are close to the pickup area to listen for your order number. A staff member will call out the number when your order is ready.

Below is a sample picture of the menu. The food is made-to-order and customizable for dietary restrictions. If you have any questions about ingredients, please see a staff member in the RiverView Café. They are happy to help with any dietary needs.



Café menus are subject to change.

Ground Floor



The Rangos Giant Cinema

The Rangos Giant Cinema is located on the Ground Floor. This theater has the largest screen in Pittsburgh.

Head to this area if you have a movie ticket. To the left is the lobby area with a concession stand in it.

Please note, screenings in The Rangos Giant Cinema are immersive and highly realistic due to the dome-style of the screen. The theater is a darkened room. **Below is what you will see when you enter the theater.**

There is a steep staircase on each side of the theater. An accessible entrance to the top of the theater can be reached via the small elevator at the back of the Second Floor (former roboworld®), or next to the lobby staircase on the First Floor. The top section of the theater has space for wheelchairs or scooters.

The Rangos Giant Cinema offers assistive devices for our blind and low-vision patrons, and for our deaf and hard-of-hearing patrons. Please see an employee for an assistive device.

Please arrive 10 minutes before your movie ticket time, as films begin promptly.

Now Playing:

Train Time and Volcanoes: The Fires of Creation



The Rangos lobby hosts The Robot Hall of Fame — warning: noises and blinking lights

Ground Floor

USS Requin (SS 481) Submarine

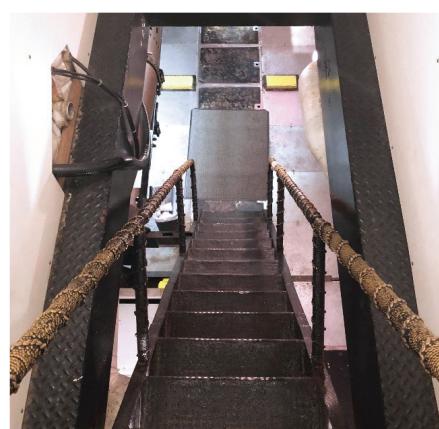
Closed for Winter Maintenance – reopening on Saturday, March 11.

USS Requin Submarine is located behind the Science Center.

To visit the Requin, retrieve a free timed ticket from the Ticket Counter, and meet our staff at the bottom of the staircase of the main building, on the Ground Floor of the Scaife Exhibit Gallery (across from The Rangos Lobby).

To board the submarine, you will need to cross a short bridge (pictured here). Once across the bridge, you'll walk across the submarine and down a short narrow staircase to a door like the one pictured below. The steps leading down into the submarine are steep and narrow. There are narrow hatches to climb through on the submarine, small spaces, and low overhead throughout the submarine.

Due to the structural nature of the Requin, it requires full mobility to visit. There is a TV monitor with a virtual tour of the Requin that you can watch in our main building, on the Ground Floor (across from The Rangos lobby).



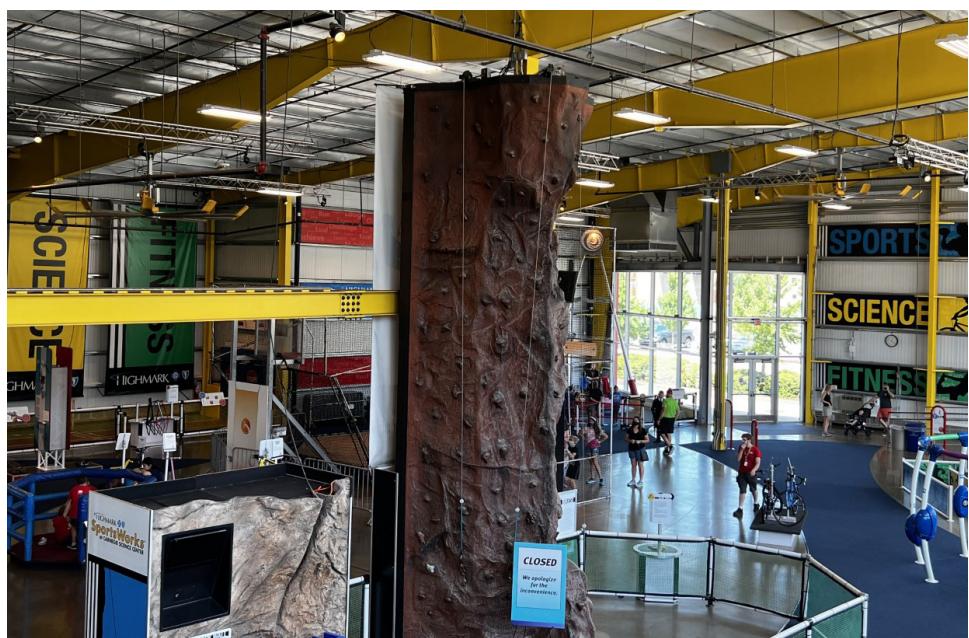
Highmark SportsWorks®

Make your move!

Highmark SportsWorks® is located outside the main entrance and is in a red building.

You can access it by going out the main doors and taking the ramp on your left. Within Highmark SportsWorks®, there is an exhibit that lets you become a human You-Yo, a life-size *Operation* game, and many other exciting sports challenges that will introduce you to topics in physics, anatomy, and biology.

There are restrooms in Highmark SportsWorks®, including a single-stall All-User restroom, marked “Family Restroom.”



Staff Badges

We're excited to meet you!



Frequently Asked Q's:

Q: Can I leave during a show?

A: Yes, you can get up and leave; however, for shows in Buhl Planetarium and the Works Theater, the doors will lock behind you and you will not be able to re-enter.

Q: Where are the restrooms?

A: They are located in Highmark SportsWorks® and every floor of the main building. There are All-User Restrooms located in SpacePlace (First Floor), The Rangos Giant Cinema exit area, and Highmark SportsWorks®.

Q: Where can I change my child's diaper?

A: There are diaper-changing stations in all of our bathrooms, including the single-user restrooms and family-care stations.

Q: Is there a drop off or pick-up area?

A: You can get dropped off/picked up right at the main entrance. When the vehicle pulls in, it can circle around and drop off/pick up.

Q: Carnegie Science Center staff are safe people to talk to.

They are wearing name tags that say Carnegie Science Center.

Q: Is there an elevator I can use?

A: The main elevator is located near the ramp that leads to each floor. There is also an elevator in the Scaife Exhibit Gallery, but it doesn't reach the top floors of the museum. There is a small elevator located behind the staircase on the First Floor, which can be used to travel between The Rangos Lobby and The Rangos accessible entrance.

Q: Do you have noise reducing headphones or sensory items?

A: You are welcome to bring your own headphones, or you can borrow (free of charge) from the Ticket Counter at the main desk. We also have weighted vests and sensory backpacks, containing a variety of fidgets and sensory objects, available to borrow from the Ticket Counter.

Q: What accessibility accommodations do you offer?

A: We have both manual and electric wheelchairs available for rent from the Ticket Counter. Closed captioning and assistive listening devices are available for The Rangos Giant Cinema. Sighted guides and American Sign Language interpreters



are available within two weeks advance notice. Note: Service animals are welcome at the museum.

Contact Justin Williams, Director of Team & Community Engagement, at 412.237.1641 or email WilliamsJ@CarnegieScienceCenter.org if you have any accessibility-related questions.

Q: What time does Highmark SportsWorks® close?

A: SportsWorks closes at 5 pm. Note that some of the exhibits may have long wait times (between 60–90 minutes) and may close early due to lines reaching capacity.

Q: Where are the vending machines located?

A: Vending machines are located on the Ground and First Floors of the main building. In Highmark SportsWorks®, two vending machines are located next to the bathrooms.

Q: Where do I pay for parking?

A: Two pay stations are located across

from the Ticket Counter in the Main Lobby. Parking is a flat rate of \$5, and since there is no timed exit, you can pay at any time!

Q: Can I visit the USS Requin and The Rangos Giant Cinema separately from General Admission?

A: Yes, you can purchase tickets specifically for USS Requin and/or The Rangos Giant Cinema. You can either purchase tickets at the Ticket Counter or you can go specifically to each destination and purchase tickets.

Q: Are there lockers I can use?

A: Yes! Lockers are \$0.50 to use and are located across from the Ticket Counter on the First Floor of the main building.

Q: When is the Science Center open?

A: Fall/Winter Hours after Tues., Sept. 6:

- 10 am–5 pm (Closed Tuesdays)
- Timed tickets available online.



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