

## Hands - On Learning Activities

Center in the Square utilizes our unique spaces to provide a variety of hands-on learning activities for children with ages ranging from toddler to high school. We have activities for every aquarium in our atrium, the Roanoke Pinball Museum, and our rooftop. Our K-8th curriculum is SOL-based providing a great additional resource for teachers. There are activities also available for outreach. Adding a hands-on learning activity to a tour allows students to take their experience one step further and test their knowledge in a fun way.

## Pick Your Own Adventure

Each visit with Get Schooled! is tailored by request. Field trips can include tours of multiple areas and be paired with or without hands-on learning activities for any of the spaces. Pick your adventure below and combine one or more field trip options to create a unique experience for your hands-on learning tour at Center in the Square.

- Aquariums Guided Tour \_\_\_\_\_ \$4
- Roanoke Pinball Museum \_\_\_\_\_ \$4
- Rooftop Guided Tour \_\_\_\_\_ \$2
- Aquarium & Roanoke Pinball Museum \_\_\_\_\_ \$7
- Aquarium & Roanoke Pinball Museum & Rooftop \_\_\_\_\_ \$8
- Hands - on Learning Activity \_\_\_\_\_ \$2
- Lunch Space (based on size and availability) \_\_\_\_\_ \$40
- Classroom Outreach \_\_\_\_\_ \$125\*

\*per hour

**U** is for Urchin



**CENTER  
IN THE  
SQUARE®**

Discover • Play • Inspire

“Play is often talked about as if it were a relief from serious learning. But for children play is serious learning. Play is really the work of childhood.”

- Fred Rogers

## Contact

Phone: 540-342-5733

Email: [education@centerinthesquare.org](mailto:education@centerinthesquare.org)

Scheduling: [www.centerinthesquare.org/education](http://www.centerinthesquare.org/education)

One Market Square SE  
Roanoke, VA 24011

[www.centerinthesquare.org](http://www.centerinthesquare.org)



**CENTER  
IN THE  
SQUARE®**



is for Clownfish

## Get Schooled!

Center in the Square's Get Schooled! Education Program provides guided tours for our atrium aquariums, Roanoke Pinball Museum and rooftop all year round. Tours are customizable and can include discussions, hands-on learning activities, SOL-curriculum, classroom outreach, and take home curriculum. Visiting Center in the Square is a unique experience for the region and, when combined with our hands on learning activities, is a great resource for teachers and a fun learning experience for students of all ages. Space for lunch available upon request.

For more information about our programs and a list of activities, please visit us online at [www.centerinthesquare.org/education](http://www.centerinthesquare.org/education)



is for Jellyfish

## Atrium Aquariums

Center in the Square is home to six different aquariums housing several types of fish and other marine life. We have a magnificent 8,000 gallon Living Reef Aquarium that is home to over 400 beautiful marine fish and 150 soft and stony corals. It is the largest of its kind in the Mid-Atlantic. There are two 300-gallon cylindrical jellyfish tanks. A 400-gallon Tidal Tank that are home to bamboo sharks, eel, urchins, and various other intertidal marine organisms. In addition to our saltwater aquariums, we have a 400-gallon Amazon River aquarium, which is home to several predators that make the Amazon River their home, including the Arrowana. Finally, we have a Turtles of Virginia tank that features three different species of turtles found throughout Virginia. These six aquariums serve as an excellent medium for teaching Science in a unique setting.

## Roanoke Pinball Museum

In 2015, Center in the Square established the Roanoke Pinball Museum. This museum is home to over 40 machines ranging from 1932-2014. Not only can students play unlimited pinball, but students will also have the opportunity to learn about the history of pinball, the science behind the game, and interact with the machine that allows a chance to appreciate the color, composition, and overall design of the backglass and playfields.



is for Starfish

## Rooftop

Center's multi-level green roof offers spectacular views of downtown Roanoke and the mountains of the Roanoke Valley. Many of the latest sustainable, green, and energy-harnessing technologies have been incorporated into the rooftop experience for both their operational effectiveness and educational aspects. Center in the Square put in place two large solar panels and round solar tubes. The inclusion of multiple types of solar panels allows for absorption of sun energy during the entire day helping Center in the Square reduce the amount of energy usage by up to 5%. The installation of a green rooftop garden maintained by rain water collection helped reduce water consumption while reducing the urban heat island. Lights on the roof were installed and reflected down to reduce light pollution and the effect on nocturnal animals. This awe-inspiring rooftop is one of the most innovative on the East Coast, and a great spark for educational discussion on alternative energy and animal habitats. Teachers can include a tour with or without a classroom activity.