



MathScience Innovation Center

Discoverers



March 7, 14 & 21, 2020

9:00am- 2:00pm

Classes being held at the MathScience Innovation Center

Calling all 4th and 5th graders!

Come explore STEM subjects during our Discoverers Program for 3 consecutive Saturdays and discover how science, technology, engineering, and math fit into the world around you. The Discoverers Program offers inquiry-based, hands-on, minds-on problem solving activities, field-based experiences, guest speakers and design-and-build stations.

Online registration available at www.mysic.org

Block by Block (Minecraft®)

The world of Minecraft® is a fun & exciting place to learn and explore. Experience the world of Minecraft as an engineer while you manipulate the constantly changing Minecraft® environment. Develop survival strategies by making your own shelter and tools, then share with classmates as your creativity and imagination lead you to your own unique product.

Gaming Galore

Why spend your days playing someone else's video game when you can create your own. Explore the world of game design using the free coding program, Kodu, and let your imagination go as you create your own world with characters and challenges.



Engineering On the Go

What makes cars go fast and boats float? What are magnetic levitating trains? Explore the different types of transportation that make the world move. Have fun discovering why hot air balloons fly and what makes a rocket soar. Design, build, and test your very own vehicles.



LEGO: Building To Explore

Did you know you can not only build with LEGO building blocks, but you can also program them? Computers are used to program your creation so it can make noise, kick, chomp, and a host of other awesome builds. Working in teams you can construct, test, and problem solve as you hone your LEGO expertise.

Exploring the James

See the James River through a whole new lens! Field trips to the river allow you to seek and find a variety of critters living in and around the ecosystem of the longest river in a single state. Test the water quality from different spots, then see how water is cleaned in an effort to protect the river. Create your own mini ecosystem to bring it all together. Mud and wetness included!

Snap, Crackle, Pop!

What would it be like to work in a real chemistry lab while you experiment with chemical reactions? Many of the chemistry experiments in this class will be done with items that you have in your kitchen so you can do them at home! You will amaze your friends when you make "goo," ice cream and root beer for them. Also learn how to develop mystery inks to write secret notes to your friends and family. The wonders of chemistry will unfold before your eyes and mouth!



Discoverers 4-5 Program Details

Students in grades 4 and 5 are eligible to participate.

Dates: 3 consecutive Saturdays, **March 7, 14 & 21, 2020**
Snow date is March 28, 2020

Time: 9:00 AM to 2:00 PM

Cost: \$60 consortium members / \$120.00 non-consortium members (due at time of on-line registration). (Consortium Divisions: Colonial Heights, King William, and Petersburg).

Student will have a 25 minute lunch break. Students must bring their own lunch and snack (drink and snack machines available).

Bus Transportation will be provided for students by consortium school divisions. Check with www.myMSiC.org - Student Programs, Discoverers for specific pick-up times.

How to Register

- By credit/debit card online at www.myMSiC.org
- By check/money order: mail in the registration form below with payment to: MathScience Innovation Center, Attn: Saturday/Summer Registration, 2401 Hartman St., Richmond, VA 23223.

Check our website for other MSiC programs available for students K-12 throughout the year, including Little Innovators programs for K-3 and Let's Innovate for grades 6-12.

Bus Pick-up Locations

Colonial Heights
Colonial Heights HS

King William
King William HS

Petersburg
Cool Spring ES
Blandford Academy
Pleasants Lane ES



Online registration available at www.mysic.org

Registration Form: Discoverers 4-5

March 7, 14 & 21, 2020

Student First Name: _____ Last Name: _____ Gender: _____

School Division: _____ School: _____ Grade (circle) 4 5

Student Allergies: _____ Activity Restrictions/Special Needs: _____

School Bus Pick-up (if applicable): _____

First Choice: Course Name: _____ Second Choice: Course Name: _____

Parent/Guardian First Name: _____ Last Name: _____

Parent Email: _____ Yes. Send notifications by email.

Phone: _____ Emergency Phone: _____

Home Address: _____

City: _____ State: _____ Zip: _____

Permit student photos/video YES NO
MSiC records photographs and video of all campus events to promote our educational services. You or your child's image may appear in printed or online advertising. Student identity is not published.

We will adhere to the MSiC Network Use Policy
Policy available at: <https://mysic.org/pdf/networkpolicy.pdf> YES NO