WACKY SCIENCE FOR GRADES 1-6

**Playdough Volcanoes**—4:15-5 pm Thursday, September 27
Make an erupting volcano out of playdough!
Register in person, online, or by phone beginning August 30.

**Vampire Science—All About Blood**—4:15-5 pm Thursday, October 4
Learn about animals that thrive on blood, and collaborate on a large-scale model of blood composition.
Register in person, online, or by phone beginning September 20.

**Zombie Science—Compost, Rot, and Other Yucky Stuff**:
4:15-5 pm Thursday, October 11
Investigate the myriad wonders of compost, mold, and decomposition. Be prepared for hands-on grossness.
Register in person, online, or by phone beginning September 27.

**Ghost Science—Now You See It, Now You Don’t at Main Library**:
4:15-5 pm Thursday, October 25
Make something disappear with science, and then make a ghost-themed craft.
Register in person, online, or by phone beginning October 11.

**NEO Tech Lab at Main Library and Woods Branch for All Ages**
Seize the opportunity to learn about emerging technology! NEO Tech Lab will bring new kinds of wearable health technology, SMART applications for your home or office, technology tools for kids to learn and create, virtual reality gadgets, and more! Watch demonstrations and try the tools yourself! No registration required.
3-4 pm Saturday, November 3 at Woods Branch
3-4 pm Saturday, November 10 at Main Library

Meet the Authors: Jason Reynolds and Brendan Kiely
Shaker Heights High School
7:30-8 pm Monday, October 1
Shaker Library, Shaker Heights High School, and the SHHS PTO present Jason Reynolds and Brendan Kiely, who will discuss their young adult novel. Winner of the Walter Dean Myers award and the Coretta Scott King Honor, All American Boys follows two young men, one black and one white, as they deal with the repercussions of a violent act of police brutality. The authors will share stories from the road as well as insights into how their book can be a powerful tool for community discussions on race. Registration is recommended, but not required, beginning September 1.

Jason Reynolds is a New York Times bestselling author, a Newbery Honor winner, a Printz Honor Honoree, a National Book Award Honoree, a Coretta Scott King Honor winner, and a recipient of multiple Coretta Scott King honors. He lives in Washington, DC.

Brendan Kiely is a New York Times bestselling author. He has received a Coretta Scott King Author Honor Award, the Walter Dean Myers Award, and was twice awarded Best Fiction for Young Adults by the American Library Association, and was a Kirkus Reviews Best Books of 2014. Originally from the Boston area, he now lives with his wife in New York City.

**Friends of the Shaker Library Fall Book Sale**
Main Library Second Floor
October 17 – October 21

**Meet the Authors**

**DISCRIPT A COMPUTER**
4:15-5:15 pm Wednesday, September 12
Have you ever wondered what’s inside a computer? The best way to find out is to take one apart! We’ll examine how computers are assembled and discuss how they work as we disect some mac machines together.
Register in person, online, or by phone beginning August 29.

**MAKE A COMIC STRIP**
4:30-5:30 pm Wednesday, September 26
Design your own comic strip using easy-to-learn storyboard software. Drag and drop backgrounds and characters to make your stories come to life! Participants will get 2 free color prints of their comics.
Register in person, online, or by phone beginning September 12.

**MAKE A BOOK TRAILER**
4:30-5 pm Wednesday, October 10
Use a web-based animation software to bring a book to life in a book trailer! We’ll use music, text, and images from the web to put a techy spin on storytelling. Bring your favorite book along to inspire you.
Register in person, online, or by phone beginning September 26.

**HOUR OF CODE MINECRAFT**
4:15-5:15 pm Wednesday, October 24
Learn the basics of coding using worlds and characters you know and love—then learn how to use coding blocks with challenges set in the best block-world around—Minecraft!
Register in person, online, or by phone beginning October 10.

**HOUR OF CODE STAR WARS**
4:15-5:15 pm Wednesday, November 14
Learn the very basics of coding using worlds and characters you know and love. Then learn to program droids and make your very own Star Wars game.
Register in person, online, or by phone beginning October 11.

**SCRATCH**
4:15-5:15 pm Wednesday, November 28
Scratch is an online program, offered free to the public by MIT, that helps teach kids basic coding concepts. Students will learn to use Scratch to program their own game.
Register in person, online, or by phone beginning November 14.

**STEAM PROGRAMS AT MAIN LIBRARY**

**LEGOs FOR AGES 6-14**
Come and build together. No registration required.
4-5 pm Wednesdays, September 5 and November 7

**WiI Tuesdays for Ages 6-14**
Whether racing friends in Mario Kart or dancing until you drop, you’ll have a blast with the Wii!
No registration required.
2-3 pm Tuesday, October 16
4-5 pm Tuesday, November 27

**SOLAR SYSTEM NECKLACES FOR GRADES 1-6**
Paint planetary beads, then string them to create a far-out necklace.
Register in person, online, or by phone beginning August 23.
4-15-5 pm Thursday, September 6

**TECH TWEEENS AT MAIN LIBRARY FOR AGES 8-12**

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Register in person, online, or by phone beginning October 31.

**MINECRAFT**
at Main Library for ages 8-12.
Funded by MyCom

**INSANITY**
Pick your session or sign up for both and work as a team to fight for your survival against the mobs!
2-4 pm Monday, November 19
2-4 pm Tuesday, November 20

**FREE PLAY**
Choose your session. Play creatively in the world of Minecraft or test your skills in survival mode.
Creative Mode: 2-3 pm Wednesday, November 21
Survival Mode: 3:30-4:30 pm Wednesday, November 21
Register in person, online, or by phone beginning September 15 for all Minecraft programs.

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Survival Mode: 3:30-4:30 pm Wednesday, November 21
Register in person, online, or by phone beginning September 15 for all Minecraft programs.
 Celebrate Italy—Painting Italy for Ages 12-14 at Woods Branch  
Take a look at some photographs for inspiration. Then paint your own Italian streetscape or landscape using markers or watercolors. No registration required.
4-4:45 pm Thursday, September 6

A Taste of Italian Culture for Grades 3-6 at Main Library  
Try some delicious Italian ice cream known as gelato while learning some fun cultural facts about Italy and its influence on food, music, art, science, and more. Register in person, online, or by phone beginning August 28.
4:15-5 pm Tuesday, September 11

Clay Sculptures for Ages 12-14 at Woods Branch  
Create a masterpiece out of clay. No registration required.
4-4:45 pm Thursday, September 13

Pastal! Pasta! Pasta! for Grades K-4 at Main Library  
Do you love eating pasta? Come to the library to learn how to make your own pasta from scratch and then take some home to cook. Register in person, online, or by phone beginning September 4.
4:15-5 pm Monday, September 17

Pirate Day at Main Library and Woods Branch  
Children of all ages can celebrate Talk-Like-A-Pirate Day by participating in a variety of fun pirate-themed activities throughout the day. No registration required.
Wednesday, September 19

Pirate Day Snacks and Stories for Grades K-4 at Main Library  
Hear some great pirate stories and enjoy a pirate-themed snack. Register in person, online, or by phone beginning September 5.
4:15-4:45 pm Wednesday, September 19

Italian-Inspired Marble Printing for Ages 12-14 at Woods Branch  
Use marble paper created for Italy and then create marbled paper with shaving cream and food coloring. No registration required.
4-4:45 pm Thursday, September 20

Read to a Dog for Grades K-6 at Main Library  
Our doggy listeners are certified therapy dogs and love to listen to stories. Each child may register for a 15-minute time slot. Register in person, online, or by phone beginning two weeks before each event.
4-4:30 pm Thursday, September 20, October 18, November 15

Opera for Families and Children of All Ages at Main Library  
Explore the dramatic, magnificent, wonderful world of opera! Enjoy a live demonstration, and even try it out for yourself! Fun for the whole family. Register in person, online, or by phone beginning September 12.
7-8 pm Wednesday, September 26

Paper Weaving for Ages 12-14 at Woods Branch  
Use strips of paper to create a woven piece of art. No registration required.
4-4:45 pm Tuesday, September 25

Monday Craft Club for Ages 6-11 at Main Library  
Are your fingers itching to do some stitching? Can you barely show restraint when it comes to pens and paint? If you love everything crafty, come to the Main Library for some after school crafting and creative fun. No registration required.
4-4:45 pm Monday, October 1, 8, 15, 29 and November 5, 12, 26

Storytelling Club for Grades 2-4 at Main Library  
How do you like to tell stories? Learn different storytelling techniques such as story stones, puppets, and puppets. Please plan to attend all six sessions. Register in person, online, or by phone beginning September 26.
4-4:15 pm Wednesdays, October 3, 10, 17, 24