



## South Huntington Schools Office of Instruction and Curriculum



January 2024

Dear Parent/Guardian,

South Huntington School District's Technology and Elementary STREAM Initiatives Departments will be holding their Family STREAM Day for students in grades K-5 on Saturday, March 2, 2024, at Maplewood Intermediate School. This fun filled day will begin at 9 am and run through 12 noon. Please join us at 9 am for a bagel and muffin breakfast before the event begins. **Family STREAM Day is not a drop-off event - all children must be accompanied by a parent who will be participating in the day's events with their child.**

The event will be a great opportunity for students and their families to learn about the integration of Science, Technology, Robotics, Engineering, The Arts, and Mathematics through engaging hands-on, discovery-based activities. The goal is to provide a showcase for students to show them what STREAM is all about and engage them in computational thinking, collaboration, scientific phenomena (observations), and problem solving.

Some of your favorite teachers will be leading exciting workshops. In total, each child will participate in two-60 minute sessions. All workshops will run concurrently. A list of all the **Family STREAM workshops can be found on the next page**. Each child is asked to make three choices for each of the two sessions. We will attempt to provide each child with their first choices, but please understand that each of the workshops have limited seating and will be filled on a first-come, first-served basis. **If you would like to attend with your child, please register by February 2nd at the link below.** Prior to February break, parents will receive an email confirmation from Mrs. D'Elia confirming the two workshops your child is registered for. **There will be no walk-in registrations on the day of the event.**

**[Please click here to register for STREAM Saturday!](#)**

We hope to see you and your child at the event. If you have any questions, please email Mrs. D'Elia at [jdedia@shufsd.org](mailto:jdedia@shufsd.org)

Sincerely,

Janine D'Elia, Mari Hahn, Barbara Hall, and Chelsea Winkoff  
Instructional Technology and Elementary STREAM Initiatives

# STREAM FAMILY WORKSHOPS at Maplewood on March 2nd

**Session 1: 9:30-10:30 am**

**Session 2: 10:45 am-11:45 am**

**Workshop 1: Calling All Artists and Designers - Let's Create With The 3Doodler Pen!** Using the 3D Create pen, participants in grades K-2 will doodle a simple snowperson by reading and answering questions in a glyph format. The glyph, otherwise known as, Hieroglyphics, will be introduced as an alternate way to share information.

**Workshop 2: Calling All Athletes and Engineers - Build With Lego BricQ!** Using the Lego Bric Q kits, participants in grades K-3 will engage in a variety of winter sport activities designed to explore push and pull forces, and the effects of friction. This lesson will help familiarize your students with the contents of the LEGO® Education BricQ Motion Essential Set.

**Workshop 3: Calling All Digital Artists and Designers - Create On Canva!** Participants in grades 2-5 will be creating and designing on Canva. Make a brochure, video, or make a poster. Come and explore all of the wonderful artistic designs that can be made using this tool.

**Workshop 4: Calling All Robotic Engineers - Program Robots!** Participants in grades 2-5 will be programming Dash and Dot robots to dash through the snow, be snowplows, play basketball and so much more! Students will be using an iPad to code the robots.

**Workshop 5: Calling All Engineers and Coders - Create With SPIKE Lego!** Participants in grades 3-5 will engage with Lego Education Spike software and Spike kit that introduce engineering design skills. Students will have a choice to build different amusement park rides. Students will define a problem, brainstorm solutions, test, code, and refine prototypes to improve their ideas.

**Workshop 6: Calling All Artists and Designers - Up For A 3Doodler Challenge?** Participants in grades 3-5 will spark creative confidence as they use art & design to learn about science, technology, engineering, and math. During these design challenges, students will design & build models of real-world mechanisms to better understand how they work.

**Workshop 7: Calling All Math Detectives - Visit An Escape Room!** Participants in grades 3-5 will try to escape the room on time! The ringmaster has lost all of his circus performers and animals. The show will be ruined if none of the acts are at the Big Top in time! Please help the ringmaster locate all the people and animals for his show by solving a string of geometry math problems. Participants will find clues until they have saved the circus.

**Workshop 8: Calling All Astronomers - Visit A Planetarium!** Participants in grades K-5 visit the mobile digital planetarium to see what is going on in our own night sky! Identify stars, constellations and the moon phase visible right now in South Huntington. You will be amazed at how beautiful and exciting the night sky is when you can identify what you are looking at!

**Workshop 9: Calling All Biologists - Discover the World of Microscopes!** Participants in grades K-5 will explore hidden worlds revealed through a microscope. For example, participants will view and draw insects, crystals, leaves, ferns, soil, salt, moss, mushrooms, and other cool things!

# STREAM FAMILY WORKSHOPS at Maplewood on March 2nd

**Session 1: 9:30-10:30 am**

**Session 2: 10:45 am-11:45 am**

**Workshop 10: Calling all Chemists and Chefs - Take An Edible Science Challenge!** Participants in grades K-5 will be experimenting with science that we can actually eat! There's nothing like a fun science experiment that includes eating! Whether it's with your favorite candy, chemical reactions, or exploring the moon phases, the science you can eat is tasty. **Please note that this workshop may contain food allergen items.**

**Workshop 11: Calling All Mathematicians and Designers - Learn About Aviation!** Participants in grades K-5 will engage with an instructor from the Federal Aviation Administration (FAA) to learn about airports and flight in the National Airspace System!