

Super Science for Kids – Virtual Courses *Recommended for Ages 7-12*

Join us for some Super Science Virtual Summer Fun! Select one course each week. **Courses meet Monday through Friday, 9:30am-12:30pm, July 20 through August 21, 2020. Cost is \$128 per course per person.** Each Super Science course will be delivered through YouTube video instruction. Live customer support for your child provided Mon.-Fri. during course meeting time by certified teachers via phone, email, and FaceTime. **Students will receive a package of supplies in advance by first class mail. Please register at least 8 days before class begins to get supply kit on time.**

Chemical Wizardry

Get ready for a fun-filled “magical” laboratory experience Harry Potter style in this introduction to the science of chemistry. In addition to learning about atoms, bonding, and the periodic table, enjoy making Flubber, Silly Putty, Super Hi- Bounce balls, and more. Have fun making light inside of a glow bottle, play dough, Glowing Goo, and even a tie-dye style shirt. Create atomic worm polymers and lava lamp-like blobs. Also, demonstrate the Big Bang Cannon, diet Coke and Mentos Geyser, Magic Genie in the bottle, and more.

CHSS 023- IN3 7/20-7/24

CHSS 023- IN6 8/10-8/14

CHSS 023- IN4 7/27-7/31

CHSS 023- IN7 8/17-8/21

CHSS 023- IN5 8/03-8/07

Junior Physicians: Discovering the Human Body

Discover the anatomy of the world’s most complicated system – the human body! Explore different systems of the human body through hands-on experimentation. Activities include simulated blood typing, making Mr. Skeleton, making a map of the human tongue, a model heart, brain, and more. Have the opportunity to perform computer-operated simulated surgery through a password-protected website. (Simulations vary according to age level).

CHSS 005- IN3 7/20-7/24

CHSS 005- IN6 8/10-8/14

CHSS 005- IN4 7/27-7/31

CHSS 005- IN7 8/17-8/21

CHSS 005- IN5 8/03-8/07

Mini Robotics: Sphero and BristleBots

Have fun experimenting with mini robots. Coding, robotics, art, STEAM, and computer science will come alive with tiny, programmable mini-robots. Learn to use the Sphero mini app to drive in different modes, program with JavaScript, or as a controller to play games. Have fun and learn with your robot. Also have fun using toothbrush motor and vibration technology to build and your own “Bristlebot!” (A tablet or phone and the free Sphero Apps are required to take this program).

CHSS 025- IN3 7/20-7/24

CHSS 025- IN6 8/10-8/14

CHSS 025- IN4 7/27-7/31

CHSS 025- IN7 8/17-8/21

CHSS 025- IN5 8/03-8/07

Super Science: Make and Take Toys that Teach

Make your own working telescope as you learn about the optics of light. Construct an electro-magnet and a working electric motor. Build an adjustable, ball-launching catapult that changes the trajectory of a flinging projectile. Create a working model of Hero Alexandria’s fountain or vortex tornado in a bottle. Make ultra-violet bead bracelets, a working compass, submarine divers, and more.

CHSS 022- IN3 7/20-7/24

CHSS 022- IN6 8/10-8/14

CHSS 022- IN4 7/27-7/31

CHSS 022- IN7 8/17-8/21

CHSS 022- IN5 8/03-8/07

Super Science STEAM Challenges

Have fun integrating Science, Technology, Engineering, Art, and Mathematics by building and designing a wide range of gadgets, inventive machines, towers, crazy contraptions, and more! Projects include: The Great Tower Challenge, Wooden Coaster Challenge, Structural Engineering Challenge, Magnificent Marble Machine, and a host of other fun contests.

CHSS 024- IN3 7/20-7/24

CHSS 024- IN6 8/10-8/14

CHSS 024- IN4 7/27-7/31

CHSS 024- IN7 8/17-8/21

CHSS 024- IN5 8/03-8/07

Register for [Middlesex County College Super Science for Kids](#) courses.