

Staten Island Academy

Summer Institute for the Gifted



Courses for Students currently in Grades 2-3

Humanities

The Writer's Block: Calling all budding authors! Come have lots of fun and gain writing experience creating new adventures and reading from many of the famous children's classics. You'll leap into the exciting work of writing your very own book. This class will culminate with a reading of original stories to parents at a "Young Author's Tea."

News Net: People read, listen to and watch the news in order to be informed about things that are happening all around them. This class will give you the opportunity to play the role of a news journalist. You'll learn about the kinds of jobs people have in communicating the news. You'll have the chance to read, write, edit, report and circulate your news to the rest of the SIG students using computer software.

Character and Citizenship: Laws and Community: What do rules mean and why do we make them? What is the role of a responsible citizen? How do we decide that a law has been broken? Join us for a course in pre-law that examines the rules of our communities and the greater society. Learn how laws are proposed and accepted. Discover the responsibilities of leaders and followers. Create your own list of rules for citizens to follow.

Math and Science

Make Charge, Take Charge: An Energy Efficient World: Explore the environmental impact of five methods of electrical generation: fossil fuels, nuclear, solar, hydroelectric, and wind. Analyze ways to conserve energy in our daily lives. Design energy audits for your class to determine the main consumers of energy, and develop plans for less usage. Develop a multi-media presentation to explain each energy source and the ramifications of its use. Create a new idea for energy production.

Be a Pet Vet: Are you an animal and pet lover? If so, this course will be especially interesting for you. You'll want to make sure you know as much as possible about the basics of taking care of pets and other animals to keep them well and happy. You'll also have the chance to learn more about that special animal that you love the most, whether it's a fish or ferret, hamster or horse! If you think you might want to be a veterinarian someday, this class is for you.

Ocean Overview: Come explore the world beneath the oceans' waves. The vast ocean frontier is so huge that it makes the earth appear blue from outer space. You'll discover new information about your favorite ocean creatures and what you can do to help them. Find out why the ocean is salty, why some fish glow in the dark and why fish don't drown. Pick an ocean topic that interests you, and learn more about it.

Rocks, Minerals and Crystals: Earth's Treasures: Whether you like to collect rocks or just appreciate the beauty of a colorful gemstone, this class has something for you. You'll learn to analyze and appreciate rocks and minerals by their characteristics, grow crystals and research related topics that really interest you. Finally, you'll determine what makes things like gems valuable to humans.

Multidisciplinary

Musical Acoustics: The Math and Physics of Music: How do the sounds we hear as music actually function? How do our brains and ears work to enable us to hear music? How does a computer analyze melodies? If these questions interest you, join us for a study of how musical instruments work, the parts of the body that help us to sing, and the function of sound waves, air pressure and more. You will develop a deeper appreciation for music and create original music on original instruments.

The Detective's Role: Hero of the Street: Are you interested in a crime-solving career? Would you like to learn the techniques for interviewing witnesses and interrogating suspects? Have you ever pictured yourself giving evidence in a court room? If so, then join us for a study of the world of the police detective. Learn the procedures of police on patrol and the organization of investigations. Discover the roles detectives play when they go undercover or gain information from an informant. Find out how detectives collect and preserve evidence for court testimony. This course may help you identify your future career choice.

NEW! Origometry: Explore geometry through paper folding! Construct geometric polyhedra and traditional origami designs while investigating mathematical constructs of symmetry, angles and tessellations. Create your own origami design to showcase an area of mathematical interest!

For more information or to request an application please contact us or visit us on the web:

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