

NISKAYUNA CENTRAL SCHOOL DISTRICT

2016 Summer Enrichment Program



Niskayuna Central School District is pleased to offer summer enrichment classes to Niskayuna students. Classes blend academic subjects with hands-on exploration and are taught by NCSD faculty.

July 5–July 29, 2016

Morning and Afternoon Sessions

SUMMER ENRICHMENT PROGRAM – AT A GLANCE

CLASS	LOCATION	SUBJECT AREA	TIME	GRADES
July 5-8				
Spanish Immersion	VA	Language	8-11 a.m.	K-3
Sketch Up 101	VA	Science & Technology	8-11 a.m.	6-8
Math Literacy for the SAT and ACT Exam	NHS	Math	8-11 a.m.	9-11
Introduction to Computer Programming with Python	NHS	Science & Technology	12–3 p.m.	7-8
July 11-15				
Introduction to Computer Programming with Scratch	NHS	Science & Technology	8-11 a.m.	6-8
Artists' Books	NHS	Art	8-11 a.m.	8-12
Introduction to Computer Programming with Scratch	VA	Science & Technology	12–3 p.m.	3-5
Spanish Immersion	NHS	Language	12–3 p.m.	8-12
July 18-22				
Intro to Computer Programming with Story Telling Alice	NHS	Science & Technology	8-11 a.m.	6-8
College Essay and Application Workshop	NHS	Literacy	12–3 p.m.	9-11
Introduction to Website Design	NHS	Science & Technology	12–3 p.m.	7-8
Spanish Immersion	VA	Language	12–3 p.m.	4-7
July 25-29				
Creative Writing	NHS	Literacy	8-11 a.m.	6-8
Your College Application Process	NHS	Technology/Literacy	8-11 a.m.	9-11
Creative Writing	NHS	Literacy	12–3 p.m.	9-12

Morning Session: 8 –11 a.m.

Afternoon Session: 12–3 p.m.

Please Note: Please enroll your child according to her/his current grade level.

The price of each week-long camp is \$150 (plus any applicable supply fees).
Camps running July 5-8 are \$120 due to the shortened week.

Confirmations will be sent once it is certain that a class has enough students to run.

Children who participate in the morning Town Camp at VA and attend a Summer Enrichment Program in the afternoon may bring a lunch. They will be walked to their afternoon class by one of the camp counselors.

Families are responsible for providing transportation.

Week 1: July 5 – 8

Spanish Immersion

Monica DiCocco, NHS Language Department

Grades K-3 (Morning Session 8–11 a.m.)

► Spanish Immersion Camp welcomes children entering grades K-3. Students will learn and practice Spanish while exploring the lively Spanish culture through daily educational activities including games, sports, music, preparing Spanish dishes, and more. This is a great opportunity to practice skills and improve fluency.

Sketch Up 101

Mike Petrone, VA Technology Department

Grades 6-8 (Morning Session 8–11 a.m.)

► Students will learn the concepts Computer Aided Design, as well as the idea of digital engineering. Students will use STEM concepts to design and create various objects digitally and will then take part in “critique” sessions of their designs. The final project will be designing a “dream house” using Sketch-up, if time allows students will attempt to build a small-scale model of the houses.

Math Literacy

Shana DeRocco, NHS Math Department

Grades 9-11 (Morning Session 8–11 a.m.)

► Do you have trouble understanding what the math questions are asking on the SAT or the ACT? Are you running out of time when trying to complete the math sections on these exams? If the answer is yes, this session is for you. Throughout the week, we will investigate strategies to help improve students’ ability to understand the SAT and ACT exam questions, which will help improve the speed of question completion. We will also explore how the TI Graphing Calculator can help with this as well. By the end of the week, students will have collected helpful study materials to use at home. No textbooks necessary; please bring a TI Graphing Calculator (TI-83 Plus, TI-84 Plus, TI-NSpire with 84 Plus Keypad) to class.

Introduction to Computer Programming with Python

Stephanie Graseck, NHS Math Department

Grades 7-8 (Afternoon Session 12–3 p.m.)

► The Python program was designed with a gentle learning curve to make programming easier for beginners. Students will learn to translate their problem solving techniques into the written computer programming language. Students are able to run programs in the midst of creating their work. This enables them to see their mistakes as they problem solve to make their games work correctly.

Week 2: July 11 – 15

Introduction to Computer Programming with Scratch

Stephanie Graseck, NHS Math Department

Grades 3-5 (Afternoon Session 12–3 p.m.)

Grades 6-8 (Morning Session 8–11 a.m.)

► The Scratch program was designed to make the process of learning computer programming easier and less frustrating for beginners. A cat, fish, and soccer ball are some of the characters in the program. However, students can also create their own characters. Students construct programs by dragging and dropping code elements, which removes the possibility for making syntax errors. The program enables students to see their mistakes and allows them to problem solve to make their animations work correctly. Students will enjoy creating their own games and drawings which they can share with friends and family.

Artists' Books

Leslie Nuzzo, VA/Iroquois Art Department

Grades 8-12 (Morning Session 8–11 a.m.)

► Learn how to create, craft, and sculpt your very own one of a kind interactive Artist's book! In this workshop, you will learn about the elements of Artists' book making. Each student will have the opportunity to customize their book by creating paper while intuitively folding, gluing, and manipulating pages and covers. Let your imagination drift and let your creativity unfold in each page. *\$15 Materials Fee*

Spanish Immersion

Monica DiCocco, NHS Language Department

Grades 8–12 (Afternoon Session 12–3pm)

► Spanish Immersion Camp welcomes children entering grades 8-12. Students will learn and practice Spanish while exploring the lively Spanish culture through daily educational activities including games, sports, music, preparing Spanish dishes, and more. This is a great opportunity to practice skills and improve fluency.

Week 3: July 18 -22

Introduction to Computer Programming with Story Telling Alice

Stephanie Graseck, NHS Math Department

Grades 6-8 (Morning Session 8–11 a.m.)

► The Story Telling Alice program was designed to make the process of learning computer programming easier and less frustrating. Some of the characters in this program are Alice, knights, and dragons. Students construct programs by dragging and dropping code elements, which removes the possibility of making syntax errors. The animations allow students to see their mistakes and problem solve to make their animations work.

College Essay and Application Workshop

Kristin Richard, NHS English Department

Grades 9–11 (Afternoon Session 12–3 p.m.)

► Getting anxious about the college application process? You are not alone. Join us as we review and work toward completion of the Common Application essay and supplemental writings. Get a head start—college application deadlines begin in October! Students will need to bring their Naviance username and password to the first class.

Introduction to Website Design

Stephanie Graseck, NHS Math Department

Grades 7-8 (Afternoon Session 12–3 p.m.)

► Students will use notepad++ to design their own website with a gentle learning curve to make programming easier for beginners. This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). The course does not require any prior knowledge of HTML or web design. Students will be introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, and multimedia; and producing a functional, multi-page website.

Spanish Immersion

Monica DiCocco, NHS Language Department

Grades 4-7 (Afternoon Session 12–3 p.m.)

► Spanish Immersion Camp welcomes children entering grades 4-7. Students will learn and practice Spanish while exploring the lively Spanish culture through daily educational activities including games, sports, music, preparing Spanish dishes, and more. This is a great opportunity to practice skills and improve fluency.

Week 4: July 25 – 29

Creative Writing Workshop

Carol White, NHS English Department

Grades 6-8 (Morning Session 8–11 a.m.)

► This half-day course will provide middle school students, who enjoy creating characters and writing stories and poetry, a supportive place to experiment with techniques, get feedback on their writing, and work on 1-3 individualized projects. The course will be run as a workshop where students will be exposed to various writing techniques and models, and then apply what they learned to their own writing. Various energizers and group activities will enable students to build a writing community that will serve as a springboard for inspiration as well as a source of feedback and support as students work to craft, revise, and polish various creative pieces. Students will also be encouraged to experiment with character development, voice, genre, and stylistic techniques. Students should bring a notebook to class that will serve as their Writer's Notebook for the course. Students also need to be able to access their Niskayuna CSD Drive.

Your College Application Process

Kelly Linehan, NHS Language Department

Grades 9-11 (Morning Session 8–11 a.m.)

► Get your college application process moving now so you can enjoy your senior year! The right steps and pacing make all the difference. In this one-week workshop we will immediately jump-start the college application process. Students will work on their Common Applications, essays, and college searches. They will learn specific steps about how to become stronger candidates for college acceptance and merit aid consideration. This course will be taught by a National Board Certified Teacher and College Admissions Counselor with over 20 years of experience in working with teens.

Creative Writing Workshop

Carol White, NHS English Department

Grades 9-12 (Afternoon Session 12–3 p.m.)

► This half-day course will provide high school students, who enjoy creating characters and writing stories and poetry, a supportive place to experiment with techniques, get feedback on their writing, and work on 1-3 individualized projects. The course will be run as a workshop where students will be exposed to various writing techniques and models, and then apply what they learned to their own writing. Various energizers and group activities will enable students to build a writing community that will serve as a springboard for inspiration as well as a source of feedback and support as students work to craft, revise, and polish various creative pieces. Students will also be encouraged to experiment with character development, voice, genre, and stylistic techniques. Students should bring a notebook to class that will serve as their Writer's Notebook for the course. Students also need to be able to access their Niskayuna CSD Drive.

Registration:

Please enroll your child according to her/his current grade level. Complete the registration form below and mail it to the District Office. Include a check for \$150 per class (\$120 for classes July 5–8) plus any applicable materials fees (noted in descriptions). Checks and money orders should be made out to Niskayuna Central School District and are due by May 2, 2016. Classes are filled on a first-come, first-served basis. Acceptance into a class will be confirmed as soon as it is clear that a class has reached its minimum number of students. Specific class locations will be included in those confirmations.

Inquiries: If you have any questions, please feel free to contact Pam Ober, Summer Enrichment Coordinator, at the District Office: pober@niskyschools.org or 377-4666, Extension 50731.

Refund Policy: Refunds will be given through May 2, 2016. If a class must be cancelled, tuition money will be refunded.



2016 Summer Enrichment Program Enrollment Form

Student Name: _____ Current Grade: _____

Address: _____

Parent / Guardian Name: _____

Email: _____

Home Phone #: _____ Cell/Work Phone #: _____

Emergency Contact Name & Number: _____

Course Selections:

Amount Enclosed: _____ Check Number: _____

**Please complete this form and mail to:
Summer Enrichment Program -- District Office
1239 Van Antwerp Road
Niskayuna, NY 12309**



Niskayuna School District developed the Summer Enrichment Program
in response to input from the community.
It is our hope that this program
will provide further learning opportunities for Niskayuna students.

NISKAYUNA