



Great Neck Public Schools

Where Discovery Leads to Greatness



Recreation Department Spring 2021 Online Programs



**Great Neck Public Schools
Recreation Department
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GNPS Recreation Department-Spring 2021

Online Programs

Saturday Classes: Dates: April 10, 17, 24 May 1, 8, 15, 22 June 5, 12

Sunday Classes: Dates: April 11, 18, 25 May 2, 9, 16, 23 June 6, 13

Program Information

The GNPS Recreation Department welcomes district students to join safe and interactive online recreation programs. Spring 2021 online recreation programs are grade specific and available to Great Neck district children. Classes will be taught online via Zoom platform.

All activities are tailored to the abilities and interests of all age levels. Students will learn skills taught by professional instructors, in an online interactive setting with other students.

Programs Include: Chess, Coding, Computer Applications, Fencing 101 and Kickboxing Clinic.

Class size limited, early registration recommended.

1. Registration deadline is Wed., March 24th. At that time under enrolled courses will be cancelled.
2. Online registration only. [Online Recreation Registration](#)
3. When registering online, you will receive an email receipt. The receipt will have the email address on it that all future communication regarding courses will be sent. Be sure to check that email address periodically for updates and information.
4. Instructor will email parents class Zoom link and class information.
5. Parental supervision during online programming is welcome, particularly with younger participants.
6. Classes are scheduled on Saturday and Sunday Mornings. See Class schedules below
7. For additional inquiries, contact the Recreation Office (516) 441-4045 or rec.phipps@greatneck.k12.ny.us



Saturday Programs – 9 Sessions

Dates: April 10, 17, 24 May 1, 8, 15, 22 June 5, 12

Title: Chess Program

Day: Saturdays

Instructor: Milos Scekić-Long Island Chess Kids

Reg. Max: See class descriptions



9am -9:30am: (LEVEL-1) Beginner Class Grades K – 1: Students will learn basic opening moves, special moves, checkmate, notation and basic checkmate patterns. Available to higher grade levels too. 12 student max. Fee \$108

10am-10:45am: (LEVEL-2) Beginner-Intermediate Class: Students will learn more complexed basic principles as it applies to intermediate chess play. Focus will be on understanding various checkmates and game finishing strategies. 12 student max. Fee \$153

11am-11:45am: (LEVEL-3) Intermediate Class: Students will learn new checkmate patterns, tactical actions, defending ideas and basic endgames. The class is designed to teach students the fundamental and critical/tactical ideas of a chess game. Students will gain knowledge and confidence necessary for chess development and competitive play. 12 student max. Fee \$153

12pm-12:45pm: (LEVEL-4) Intermediate-Advanced Class: This class is a crucial steppingstone to the next level. Students will learn about advanced ideas for tactical play. Course material will focus on complex multi-move combinations and advanced pattern recognition development. 10 student max. Fee \$153

1pm-1:45pm: (LEVEL-5) Advanced Class: This class is designed for students who are serious to learn additional strategy principles and basic endgame and opening ideas. This advanced class relies on student commitment to serious chess learning and play. 10 student max. Fee \$153

2pm-2:45pm: (LEVEL-6) Expert Class: Students will learn to improve their ability to visualize and clearly see several moves ahead without moving chess pieces. The class will also examine different opening ideas and technical difficulties in endgames. 8 student max. Fee \$153

Expert class students who have not completed Advanced Class are required to pass a placement test or have instructor permission prior to starting.

Description: Online classes consist of chess instruction. Students will have an opportunity to remotely play chess with one another. The instructor will inform students and parents with class announcements including assignments and play schedules.

The instructor may request a student to change to a different class level if the student skills do not match the class.





Title: Creative Problem Solving (Prep course for AMC8)

Grades: 6-8

Times: 9am-9:45am, 10am-10:45am, 11am-11:45am

Day: Saturdays

Fee: \$252

Instructor: Math109 Academy

Reg. Max: 15 per class

Description: Math problem solving is one of the top skills in school study, future career, and our daily life. This course is designed to help students develop advanced problem-solving skills by solving typical math problems, and provide an opportunity for students to build more positive attitudes and higher confidence towards analytical thinking and mathematical problem solving. This session will include some of the series topics, such as: ratios and proportions, factoring methods, pythagorean theorem, exponents, similar triangles, quadratic equations, sets and Venn diagrams, GCF & LCM, bridge technique in Geometry, non-negative or positive integer solutions, angle bisector questions and counting geometric figures.

Grade 5 Students with advanced math skills and placement test may participate. Call Recreation Office for information/Registration.

Title: Fencing 101

Grade/Time: Grades 1-3 @ 9am-9:45am

Grades 4-6 @10am-10:45am

Day: Saturdays

Fee: \$126

Instructor: Brooke Appelman/Greg Rupp

Reg. Max: 15 per class

Description: This program offers beginner skills and intermediate techniques in the Olympic Sport of Fencing. Mixing in-depth learning, exercise and fun. The class will include specific at-home safety instruction and movements. The Athlete will gain skills and knowledge to be successful with in-person fencing. Included in this course is footwork, blade-work, knowledge of the rules and gaining confidence with the tools of a major sport. Benefits: agility and deftness, discipline, strategy, exercise and athletic ability. Students should choose loose-fitting clothes that don't restrict range of motion and sneakers. Materials recommended: 4x6 clear floor non-slippery space, soft vertical area (E.g. blanket on back of chair), foam sword/noodle and eye-protection (E.g. goggles). Instructor will give additional information regarding training equipment.



Title: Kickboxing Clinic for Kids

Grade/Time: Grades 4-5 @ 9am-9:45am

Grades 6-8 @10am-10:45am

Day: Saturdays

Fee: \$126

Instructor: Thomas D'Amico

Reg. Max: 12 per class

No Class April 17, Makeup June 19

Description: Our youth kickboxing fitness program will teach children basic kickboxing and self-defense techniques, such as proper punching, kicking, footwork and evasive techniques while at the same time engaging them in a variety of drills. Classes start with warm ups, followed up with technique and injury prevention lessons. Students will then have an opportunity to practice skills learned and end each class with a cool down routine.

The program will provide students with perseverance, dedication, courage, ability to think tactically and develop self-control. Additionally, they will learn how to maximize their stamina and strength levels while at the same time enhancing their motor coordination. While it's true that kickboxing has a lot of health benefits, one of the best things about it is that it's fun! Finding an activity like kickboxing that's fun to participate in helps kids develop a positive attitude about being physically active.



Coding/Computer Application Classes

Title: Video Game Design Foundation (VGDF)

Grade/Time: (Beginner) Grades 3-4 @ 9am-9:45am
(Advanced) Grades 4-8 @ 10am-10:45am

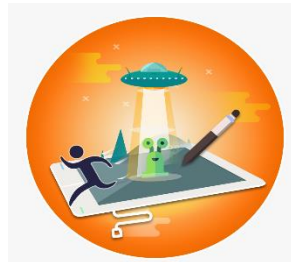
Day: Saturdays

Fee: \$225

Instructor: Bricks 4 Kidz

Reg. Max: 15

Description: Design and code your own video games! In this introductory level course, students will learn the foundations of video game development. Students will design and program a fully functional video game from start to finish, complete with unique characters, levels, backgrounds, and a wide array of custom features. Through the development of their games, students will learn about all of the artistic and technical aspects of creating video games and will apply basic math and science concepts to code their games to life in an extremely fun way! Each student will come away with a finished PC video game able to be shared with friends and family, as well as a huge boost in self-confidence knowing that they can make games themselves! No previous experience required.



Title: Python

Grades: 4-8

Time: 11am-11:45am

Day: Saturdays

Fee: \$315

Instructor: Bricks 4 Kidz

Reg. Max: 15

Description: Ever wonder how YouTube, Google, Instagram, or Spotify were created? Introducing Python! Students will be introduced to computer programming and put new concepts to use by developing fun and educational programs. Students will build a series of Python applications and games with text-based and graphical interfaces. By learning the basics of Python programming, students can expand their abilities to build even more complicated games using graphics, animation, and sound.

Python is a powerful and widely used language. This course will give your child a solid set of skills in one of today's top programming languages. Today's biggest companies (and smartest startups) use Python, including Google, Facebook, Instagram, Amazon, IBM and NASA. Python is increasingly being used for scientific computations and data analysis. Sign up for this course and learn the skills you need to rub shoulders with today's tech industry giants.



Title: Web Application Development: Java Script- (Learn HTML/CSS/Java Script)

Grades: 4-8

Time: 12pm-12:45pm

Day: Saturdays

Fee: \$270

Instructor: Bricks 4 Kidz

Reg. Max: 15

Description: This course is designed for students looking to dive into the realm of the World Wide Web. Using HTML, JavaScript, and CSS, students will construct interactive web pages. In addition, students will be exposed to tools and concepts such as Google Analytics, Search Engine Optimization, and the full life cycle of web development. Students of all different interests will benefit greatly as technical students and visually creative students work together on projects that help them build communication and collaborative skills, all while each student is doing what he/she loves most.



Title: Artificial Intelligence & Machine Learning

Grades: 4-8

Time: 1pm-1:45pm

Day: Saturdays

Fee: \$450

Instructor: Bricks 4 Kidz

Reg. Max: 15

Description: Artificial Intelligence is a growing and important field in Computer Science. While AI is a common buzzword, very few people stop to think about what AI actually is. This program aims to get students thinking critically about what makes humans intelligent, and how computer scientists are designing computers to act more like us. Students will explore machine learning with Python. Train models to learn without being directly coded while developing coding and logical thinking skills.



Sunday Programs – 9 Sessions

Dates: April 11, 18, 25 May 2, 9, 16, 23 June 6, 13

Title: Fencing 101

Grade/Time: Grades 1-3 @ 9am-9:45am

Grades 4-6 @10am-10:45am

Day: Sundays

Fee: \$126

Instructor: Greg Rupp/ Brooke Appelman

Reg. Max: 15 per class

Description: This program offers beginner skills and intermediate techniques in the Olympic Sport of Fencing. Mixing in-depth learning, exercise and fun. The class will include specific at-home safety instruction and movements. The Athlete will gain skills and knowledge to be successful with in-person fencing. Included in this course is footwork, blade-work, knowledge of the rules and gaining confidence with the tools of a major sport. Benefits: agility and deftness, discipline, strategy, exercise and athletic ability. Students should choose loose-fitting clothes that don't restrict range of motion and sneakers. Materials recommended: 4x6 clear floor non-slippery space, soft vertical area (E.g. blanket on back of chair), foam sword/noodle and eye-protection (E.g. goggles). Instructor will give additional information regarding training equipment.



Coding/Computer Application Classes

Title: YouTube Video Producers

Grades: 6-12

Time: 9am-9:45am

Day: Sundays

Fee: \$270

Instructor: Bricks 4 Kidz

Reg. Max: 15

Description: Become a professional YouTube video creator! YouTube is the largest, most successful video platform on the web, and in this course, students will graduate from viewers to creators! Using a variety of recording and capture tools, as well as photo, video, and audio editing tools accessible right from home, students will learn a wealth of new creative and technological skills to get them ready to take on their next big video idea! In addition, students will learn the best way to present themselves and their ideas through creative writing and public speaking techniques for use in any professional field!



Title: Mobile Application Development

Grades: 4-8

Time: 10am-10:45am

Day: Sundays

Fee: \$360

Instructor: Bricks 4 Kidz

Reg. Max: 15

Description: Students will learn to design and build fully functional apps for mobile devices. In this program students will learn about app components, behavior, event handling, images, and user interface design. The skills learned can also be used to make apps for school projects and assignments.



Title: 3D Animation

Grades: 4-8

Time: 11am-11:45am

Day: Sundays

Fee: \$360

Instructor: Bricks 4 Kidz

Reg. Max: 15

Description: Animation is all around us — cartoons, commercials, movies, video games — and has more serious uses like training and simulation in the military. It is used by NASA to track satellites and by physicians to visualize surgical procedures. Kids are awed by the 3D computer graphics they see in movies and video games. Why not learn how to create those!

In the 3D Animation classes, students will create simple and fun character models, animate them, and use them to create a 10-12 seconds clip such as cars going around a racetrack with Blender software. Students will learn principles of animation such as staging, squash and stretch, arcs, slow in and slow out, exaggeration and appeal techniques to create believable and realistic character animations.



Title: Microsoft Excel Lesson for Kidz

Grades: 6-12

Time: 12pm-12:45pm

Day: Sundays

Fee: \$200

Instructor: Bricks 4 Kidz

Reg. Max: 15

Description: Aside from our coding, game design, graphic design, web design, and animation classes, we also make sure that all kids are proficiently skilled in Microsoft Excel. The online lessons start with the basics and progresses onto advanced concepts. Children undertaking this course will also cover mathematical principles.



- Microsoft Excel is used by schools and colleges, so kids that learn Excel early will be ahead of their peers, and potentially be able to work quicker, smarter, and better.
- Kids can learn how to use data and convert raw numbers into meaningful information.
- Kids can learn how to visualize and present this information to make better informed decisions.
- Kids can learn how to plan financially – a skill not often taught in schools.
- Kids can improve their mathematical skills due the application's calculation functionality. This encourages them to practice math more, plus learn to rectify their mistakes due to the built-in error tools and help functions.
- Future employers expect the best potential employees to not just have a working knowledge of Microsoft Excel but be able to harness the more powerful functionality to set them apart from the rest of candidates.

IMPORTANT INFORMATION:

1. Class size limited, early registration recommended.
2. Registration deadline is Wednesday, March 24th. At that time under enrolled courses will be cancelled.
3. 2% transaction fee is applied to all credit card transactions.
4. A \$10.00 processing fee will be deducted from any refund requested prior to the registration deadline. NO REFUNDS will be issued after that date.
5. In the event of program cancellation due to low enrollment a full refund will be issued.
6. Parental supervision during online programming is welcome, particularly with younger participants.
7. For additional inquiries, contact the Recreation Office (516) 441-4045 or rec.phipps@greatneck.k12.ny.us

ONLINE REGISTRATION

1. Online Registration Steps:

(M/C or Visa Credit Card payment only)

- Click here for [Recreation Department](#) Web Page.
- Determine the program(s) you are registering your child(ren) for.
- Add the program to the shopping cart.
- [Login](#) for registration:

User Name:

Password:



FIRST TIME REGISTRANTS MUST contact the office to retrieve a temporary User Name and Password. You will be able to personalize this temporary User Name and Password.

- Select the appropriate household member for registration. (Your child must be in the appropriate program grade level.)
- Submit payment information into the system.
- Print Sales Receipt.
- Check email on receipt as this will be our point of contact with you going forward.