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May 23, 2019

Dear NECSD Families,

Great news! The Newburgh Enlarged City School District is excited to be able to offer several Extended School Year Programs (ESYP) for our students this summer. We are asking that you please apply and register each scholar at [esyp.newburghschools.org](http://esyp.newburghschools.org). The registration process will be based on a first come, first served basis. The online application will be open on May 28, 2019 and will close on June 7, 2019. You will be notified of the program that your child will be participating in by June 14, 2019.

**Residency Requirements:**

Students who reside within the Newburgh Enlarged City School District (NECSD) will be able to attend the 2019 Summer Institute programs at no cost.

**Attendance:**

Students with more than three (3) absences will be dropped from the course. Please note that three (3) tardies equals one absence.

**Code of Conduct:**

All students will be expected to demonstrate appropriate behavior throughout the duration of the program. Students may be dismissed from ESYP for conduct that violates the District's Code of Conduct. Students will also be required to adhere to the Newburgh Free Academy School Dress Code.

Below, please find the list of ESYP opportunities. Should you have any questions, please contact Dr. Pedro Roman, Executive Director of Human Resources at 845-568-6547.

<b>Program</b>	<b>Date</b>	<b>Time</b>	<b>Location</b>	<b>Target Students</b>
<b>Exceptional Learners ESYP</b>	July 1-August 12	8:15-12:15, Mon-Fri	New Windsor	12-month students
<b>Fresh Start</b>	July 1-August 1	8:15-12:15, Mon-Thur	Temple Hill Academy	Entering 4 <sup>th</sup> -5 <sup>th</sup>
<b>K-5, English Language Learners</b>	July 1-August 1	8:15-12:15, Mon-Thur	Temple Hill Academy	Entering K-5 <sup>th</sup>
<b>Dual Language</b>	July 1-August 1	8:15-12:15, Mon-Thur	Temple Hill Academy	Entering K-5 <sup>th</sup>
<b>3-8, STEM Blackrock</b>	July 1-August 1	8:15-1:15 Mon-Thur	Black Rock	Entering 3 <sup>th</sup> -8 <sup>th</sup>
<b>6-12, STEAM Focus on the Arts</b>	July 1-August 8	8:15-12:15, Mon-Thur	NFA Main	Entering 6 <sup>th</sup> -12 <sup>th</sup>
<b>8-9, Transitional Program</b>	July 1-August 13	8:15-12:45, Mon-Thur	NFA Main	Entering 9 <sup>th</sup>
<b>6-8, Middle School ESYP</b>	July 1-August 8	8:15-12:15, Mon-Thur	NFA Main	Current 6 <sup>th</sup> and entering 7 <sup>th</sup> -8 <sup>th</sup>
<b>Marist Upward Bound</b>	June 27-Aug 9	Residential, Sun-Thur	Marist College	Entering 9 <sup>th</sup> -10 <sup>th</sup>
<b>K-5 Lego Robotics</b> (grant only applies to BALM, HOH, GAMS, GARD, VG. Eligibility will be verified.)	July 8-July 25	8:15-12:15, Mon-Thur	Temple Hill Academy	Entering 1-5 <sup>th</sup>
<b>9-12, High School ESYP</b>	July 1-Aug 8	8:15-12:15, Mon-Thur	NFA Main	Current 9 <sup>th</sup> – 12 <sup>th</sup> *Preference given to 11 <sup>th</sup> and 12 <sup>th</sup> graders

<b>Empire, MSMC</b>	Session 1 July 8-July 19	8:00 -1:00, Mon-Fri	MSMC	Various grades Entering 6-8
<b>NFA West Summer Bridge</b>	Aug 26-Aug 30	8:00-12:30, Mon-Thur	NFA West	Entering 9 <sup>th</sup>
<b>Scholars in Scrubs</b>	July 9-July 19	8:00-12:00, Mon-Thur	Newburgh Armory	Entering 6 <sup>th</sup> – 8 <sup>th</sup>
<b>Empire, Middle School Summer Musical</b>	July 1-August 8	8:15-12:15, Mon-Thur	NFA Main	Entering 6 <sup>th</sup> – 8 <sup>th</sup>
<b>Empire, Beginning Ceramic</b>	July 1-August 8	8:15-12:15, Mon-Thur	NFA Main	Entering 6 <sup>th</sup> – 12 <sup>th</sup>
<b>Empire, Beginning Sound Recording</b>	July 1-August 8	8:15-12:15, Mon-Thur	NFA Main	Entering 6 <sup>th</sup> – 12 <sup>th</sup>
<b>Empire, Drumline</b>	July 1-August 8	8:15-12:15, Mon-Thur	NFA Main	Entering 6 <sup>th</sup> – 12 <sup>th</sup>
<b>New ELLs ESYP</b>	July 1-August 14	8:15-12:15, Mon-Thur	NFA Main	Entering ELLs, 6 <sup>th</sup> – 12 <sup>th</sup>
<b>Middle Level Transition</b>	July 1-August 8	8:15-12:15, Mon-Thur	NFA Main	Entering 6 <sup>th</sup> – 12 <sup>th</sup>
<b>Regents Review, ELA/Math</b>	July 29-August 8	8:15-12:15, Mon-Thur	NFA Main	Entering 9 <sup>th</sup> – 12 <sup>th</sup>
<b>Vails Gate Summer Academy</b>	July 1-August 1	8:15-12:15, Mon-Thur	Vails Gate STEAM Academy	Entering 3 <sup>rd</sup> – 5 <sup>th</sup>
<b>South Middle Summer Academy</b>	July 1-August 1	8:15-12:15, Mon-Thur	South Middle	Entering 6 <sup>th</sup> – 8 <sup>th</sup>
<b>SAT Prep, ELA/Math</b>	July 8-July 25	8:15-12:15, Mon-Thur	NFA Main	Entering 9 <sup>th</sup> – 12 <sup>th</sup>
<b>Empire, Steelpan</b>	July 1- August 8	8:15-12:15, Mon-Thur	NFA Main	Entering 6 <sup>th</sup> – 12 <sup>th</sup>

# 2019 Extended School Year Program Descriptions

## ELEMENTARY

### **Fresh Start (4th - 5th Grade Transition)**

- This program is a District coordinated, 4 -week program that targets ELA and Math supports for up to 200 students in need of academic supports going into 4th and 5th grade from across our District schools. This program will include kinesthetic learning through its Math & Movement component. Students will also benefit from a daily personalized learning opportunity through online math experiences. IReady diagnostic assessments in ELA and math will be utilized as the pre- and post-program assessments.

### **Vails Gate Summer Academy**

- This program is designed to strengthen students' ELA and math skills. The 4-week program will support up to 80 students in grades 3-5 with blended learning experiences, using Math & Movement, the Independent Reading Level Assessment Framework (IRLA) and iReady Teacher Toolkit lessons to guide teacher-directed instruction and the online iReady instructional software to support students in continuing to build on their foundation skills. iReady diagnostic assessments in ELA and math will be utilized as the pre- and post-program assessments.

### **ELL/Dual Language**

- The Office of Language Acquisition of the Newburgh Enlarged City School District is dedicated to serving the needs of Language Learners. We are committed to providing our language learners research based, high quality programs for the purpose of achieving language and content proficiency. We extend these opportunities beyond the school day with programs such as K-8 Saturday Academy and K-5 Extended School Year (Summer programs). We understand that in order for our students to be college and career ready, have an advantage for college admittance and scholarships, and be globally competitive they will need to be proficient in both English and another language. Proficiency in more than one language enhances achievement and opportunities in life.

### **21<sup>st</sup> CCLC Summer Academy (Legos)**

- The LEGO® Education WeDo 2.0 Maker lessons have been developed to engage and motivate primary school pupils, piquing their interest in learning about design, engineering and coding using motorized models and simple programming. Each lesson provides an initial brief as a starting point. The open-ended prompts allow for unlimited answers and enable pupils to express a wide range of creative solutions as they sketch, build and test prototypes of the designs that they create.

### **Middle Level Transition (5th to 6th Grade)**

- Heritage Middle School, Temple Hill Academy, and Meadow Hill School will be providing their newest scholars with a two-day orientation to assist with the transition from elementary to middle school. The intention of the school-based orientation is to acclimate new 6th graders to the facility, schedule expectations, and the academic rigors of middle school.

## **SECONDARY**

### **Middle School Extended School Year Program**

- This summer program addresses the two critical dimensions of success:
  - (1) on-track interdisciplinary readiness;
  - (2) confidence-building social, emotional, and academic support for selected scholars.

### **South Middle School Summer Academy**

- This program is designed to strengthen students' math skills. The program encompasses engaging, interactive lessons and collaborative activities with the purpose of supporting students entering grades 6-8 by continuing to build on their foundation skills.

### **Transitional Program- New Summer 2019**

Summer bridge programs are integral to the school's advance-planning work, and involve the ninth-grade students, teachers and the support staff. Summer learning programs are tightly aligned with the ninth-grade curriculum and is six weeks in length. The curriculum connects authentic learning of academic content. Comprehensive preparation for rigorous academics, programs include study habits, planning strategies, and the foundational skills necessary for high school success. Students will have access to guidance and social workers as they will co-facilitate lessons with Health teachers as students earn a .5 health credit. This curriculum will be embedded with social emotional development and skills needed to be successful students. Students will receive daily ELA an AVID Algebra readiness course. Students needing a high school LOTE credit will be enrolled in a level one foreign language course. Those who do not will receive a freshman seminar course that assists in organization, note-taking, annotation, and college and career planning. Additionally, students will have opportunities to meet facilitators of extracurricular activities to get them connected before the school year begins.

- Approximately 120 students: Target population (8th to 9th Grade; age out or students who failed 3 or more) - This summer program addresses the two critical dimensions of success:
  - (1) on-track interdisciplinary readiness;
  - (2) confidence-building social, emotional, and academic support for selected scholars.

### **High School Extended School Year**

- First priority will be given to scholars who need to recover one or more courses in order to graduate in August 2019. Second priority will be given to scholars eligible for graduation in

January 2020. Third priority will be given to scholars who are seeking eligibility for June 2020 graduation, if space permits.

### **STEM BlackRock**

- This is an interdisciplinary unit with separate write-ups for plant life, wildlife, geology and soils, human impacts, and environmental measurements, which can be pursued together or separately. A hike leading from the Center for Science and Education to the White Oak Tree includes ten stops, each representing a different habitat found in the Forest. At each stop, Forest staff have collected information about wildlife, plant life, geology and soils, environmental measurements, and human impacts. The theme or themes of the hike should be chosen by instructors based on the class level and interest. That theme can then be continued through the hike. Generally, the wildlife and plant life classes are suggested for younger grades and the others are for more advanced classes. The time needed to complete each class is about 3-4 hours. The classes include:
  - Forest Ecosystems. This is an interdisciplinary unit with separate write-ups for plant life, wildlife, geology and soils, human impacts, and environmental measurements, which can be pursued together or separately. A hike leading from the Center for Science and Education to the White Oak Tree includes ten stops, each representing a different habitat found in the Forest. At each stop, Forest staff have collected information about wildlife, plant life, geology and soils, environmental measurements, and human impacts. The theme or themes of the hike should be chosen by instructors based on the class level and interest. That theme can then be continued through the hike. Generally, the wildlife and plant life classes are suggested for younger grades and the others are for more advanced classes. The time needed to complete each class is about 3-4 hours.
  - Turtles. Black Rock Forest is home to turtles that live on land and in the water. Years of study of aquatic painted turtles have produced much information pertaining to behavior, population size, sex ratio, and age structure. Turtles, most already electronically tagged, can be captured alive in turtle-safe hoop traps. Students can scan for tags, learn life histories, and perform measurements to assist in the ongoing turtle research.
  - Aquatic Invertebrates. A stream's condition and health can be evaluated by studying the amount and types of aquatic invertebrates living in it. In this class, students sample the stream to collect a selection of the invertebrates using proper placement of leaf packs. They then identify the organisms and assess the condition of the stream.

### **ESYP Focus on the Arts**

- Students in grades 6 – 12 will participate in project-based learning experiences to bring awareness to and address social issues. The end result will be Public Service Announcement created and produced by students to be presented to the public on the last day of the program. In-class discussions involving community members who are currently working in associated career paths as “guest lecturers” will be scheduled. Professionals in the fields of public relations

and marketing; graphic design; public speaking; media production and editing will be scheduled. Once students have identified the topics for each PSA, appropriate specialists will be involved.

### **Empire Middle School Summer Musical**

- Middle school students prepare to perform in and stage a traditional musical. This would support the vertical alignment of District Arts offerings within the school year, as well as offer students a productive alternative to summer programming.

### **Empire Beginning Ceramics**

- Introduce students to the basic skills necessary to create ceramic masterpieces. This would support the vertical alignment of District Arts offerings within the school year, as well as offer students a productive alternative to summer programming. Utilizing NFA Main facilities would also support exploration of careers associated with the field of ceramics.

### **Empire Beginning Sound Recording**

- Introduce students to the basic skills necessary to manage the sound production within various settings. This would support the vertical alignment of District Arts offerings within the school year, as well as offer students a productive alternative to summer programming. Utilizing NFA Main facilities would also support exploration of careers associated within the field of Sound Engineering.

### **Empire Drumline**

- The Empire Drumline is for the new and developing band scholar. The Drumline will provide scholars of all backgrounds an opportunity to learn how to work together as a team. Scholars will study, practice and perform a wide variety of percussion literature with emphasis on the continual development of technical skills. The NECSD Drum Line will perform at many events within the school community. *(For middle school and high school students)*

### **Empire Forensic Science (Mount Saint Mary College)**

- Students will learn fingerprint analysis, spectroscopy and other techniques used by scientists to solve mysteries. Student will learn to collect evidence, generate data, and draw conclusions based on the scientific interpretation of the data, while using their knowledge of forensic science and deductive reasoning to solve specific crime scenarios.

### **Empire Let's Circulate Cardiac! (Mount Saint Mary College)**

- This session will concentrate on the cardiovascular system. Students will use models, preserved materials, and computer simulations to study blood, the heart, and the circulatory system. Students will: identify the formed elements of the blood, state their function, and learn normal ranges for each; perform basic laboratory tests such as Hematocrit, Hemoglobin, Coagulation, and Blood typing; learn the anatomy of the heart using heart models and by dissecting a sheep heart; learn the circulation of blood through the heart; identify various heart sounds; perform and

interpret an ECG (electrocardiogram), identify the major blood vessels of the human (torso models) and a representative mammal (fetal pig); measure blood pressure at rest and during exercise; and correlate all of the components of the cardiac cycle.

**Empire Economics: Where would you like to live? (Mount Saint Mary College)**

- This summer workshop explores the economic foundations of selected major countries in the world to see their similarities and differences. We develop a comparison chart displaying their basic characteristics including size, population, income, health, consumption, production, exports, imports, and work opportunities. We then try to find if there is a way to compare these countries' standards of living. Based on what you find you will try to order them starting from the most preferred country to live to least. Will involve drawing maps, sketch for iconic symbols, and colorful posters and charts.

**Empire SAT Prep - ELA/Math**

- This program will allow students an opportunity to receive academic support for SAT Prep in ELA and Math.

## **Regents Review**

- This program will allow students an opportunity to receive academic support for regents review.

## **P-Tech Summer Programs**

### Criminal Justice

- Two courses taught by SUNY Orange professors to students entering their 3rd, 4th or 5th year of P-TECH. Both classes are required in the college degree for Networking and Cyber Security. Both classes are required in the college degree for Networking and Cyber Security.

### Incoming 9th grade Summer Bridge

- This will be the 6th year of our Summer Bridge Program where the incoming cohort of students is introduced to all aspects of the P-TECH Program and the importance of the partnerships involved. We begin to build the professional skills as well as the habits of mind that are necessary for success in high school, college, and career. This year will be the first year we will have students engaged in a project based health class that will allow them to earn 1/2 a high school credit needed for graduation.

### IBM Analytics/Math Accuplacer

- Students entering their 2nd year of P-TECH have the option to participate in this program that introduces students to the world and power of data analytics using IBM tools. Successful students will earn an industry recognized digital badge. The latter portion is for students that have been identified to prepare for and take the math college Accuplacer assessment. Selection is based on teacher recommendation as well as performance in 9th grade mathematics.

### IBM Internships

- Students entering their 4th and 5th year of P-TECH interviewed and were selected for IBM Internships in a variety of fields/departments. Students will be engaged in meaningful work experiences throughout the summer at the Poughkeepsie location of our industry partner, IBM. The internships culminate in an internship expo where students make presentations to showcase their learning.

### Orange County Community College Classes

- Students entering year 5 and 6 have been enrolled strategically in college coursework aligned to their degree pathway. These classes are at various times and days and on both the Newburgh and Middletown campuses.

## **Upward Bound**

- Expose young NECSD scholars to an exploratory college experience through a six-week residential program based at Marist College designed to support participants in the development



of skills and motivation necessary to persist in the completion of their high school education and enter and complete a college program.

### **Early College High School (Marist College)**

- Scholars enrolled in this program will participate in computer science and math courses that will allow them to earn 26 credits from Marist throughout their four years of high school. Scholars are scheduled for the college level classes at NFA's Main campus during the school year and will take a course each summer at Marist. Each student will benefit from close, authentic relationships with counselors and mentors who will follow them through to graduation. Daily extended learning time will provide the academic help and dedicated work time students need to complete assignments.

### **Scholar in Scrubs**

- Through this innovative two-week program, we inspire middle school students to develop an interest in health, wellness, and science while exploring the healthcare fields. Students participate in hands-on activities that enhance their interpersonal skills and inspire them to consider careers in health and developing their own understanding of health and wellness. Under the guidance of a health science educator, community healthcare professionals, health science focused high school and college students, participating students get an early introduction to career skills and activities to foster healthy lifestyle.
- Aspects of the Scholars in Scrubs curriculum used at the Newburgh Armory Unity Center, the Saturday K-6 program, will be enhanced for middle school students. Students will focus on overall health and the human body (brain, heart, lungs, gastrointestinal system, musculoskeletal system, immune system). Assessment of body systems will be explored through enrichment and hands-on activities utilizing the MSMC School of Nursing laboratories and equipment. Activities will include: learning about the human body, organs and their function; learning about human growth and development in a systematic, head-to-toe approach; using infant/child/adult manikins /simulation equipment to enhance knowledge and practice assessment skills; learning hands-on skills including measurement of vital signs and health assessment; learning basic nursing skills; and learning and practicing basic first aid skills. Students will produce hand-made models using recyclable materials to depict various body systems. Students will display their projects and demonstrate vital signs during presentation of their learning on the last day of the summer workshop.

### **Beacon Institute for Rivers and Estuaries (BIRE) Presents River of Words Bringing Learning Outdoors**

- Beacon Institute's River of Words (ROW) program offers hands-on STEAM learning. Focusing on the Hudson River watershed, our workshops include outdoor field study with in-class creative activities. Based on the national River of Words program, the Beacon Institute's ROW programs focus on environmental science and local history; and have students transform their outdoor experiences into poetry and art. Culminating ROW events may include an Art Show

where selected students' art are exhibited in BIRE's gallery and an evening of Poetry Out Loud where selected students' read their poetry/essays aloud.