



CLAYTON PUBLIC SCHOOL DISTRICT SUMMER ACADEMY COURSE INFORMATION

*Breakfast offered at 8:45AM and Lunch offered at 12:00PM, at no cost.

*Course offerings are on a first come, first serve basis.

<p>CLAYTON'S P.O.W.E.R. PROGRAM</p>	<p>ROBOTICS/COMPUTER CODING & DESIGN</p>	<p>S.T.E.M. CHALLENGES</p>	<p>PLAY 60</p>
<p>MON-THURS 9-12 *Limited to 30 students</p>	<p>MON-THURS 9-12 *Limited to 15 students</p>	<p>MON-THURS 9-12 *Limited to 30 students</p>	<p>MON-THURS 9-12 & 12:30-3:00 *Limited to 30 students AM/PM</p>
<p>Hit a home run in reading! Discover how to make learning a fun part of your summer day activities! Students will participate in scavenger hunts, relay races, clay molding, outside reading, window painting, poster making, sidewalk chalk art, and mock trials for debates! These activities will be based on a pre-selected sports themed novel. Students will also engage in sporting drills and competitions - such as "Wiffle Ball Statistics," "Basketball Geometry, and meter races" to emphasize real world usage of math.</p> <p>*This course offers an off-site activity to a local venue.</p>	<p>Think you know everything about programming? The first half of the course will focus on Robotics – to introduce students to the art & science of building and controlling a simple robot using pieces contained in the LEGO Mindstorms NXT robotics kit. Once built, students will be taught how to create basic programs to control the robots. The second half of the course will focus on Computer Coding & Design- Students will learn how studios like Pixar and Disney make movies using techniques like key framing, tweening, and texturing. Students will explore the world of Minecraft from a coding perspective, and more!</p>	<p>There's no new water! Students will keep cool as they learn about water conservation and recognize how water is a finite natural resource whose quantity and quality must be responsibly preserved, protected, and reused. Students will engage in water-based science projects and learn about the properties and characteristics of water.</p>	<p>There are over 600 muscles in our bodies! Understand how muscles work and how to make them stronger- while increasing your heart rate and developing a lifelong love of fitness! Play 60 offers individualized and team-based fun athletic activities utilizing high-energy games designed to get your body moving.</p> <p>Note: This course is offered during the morning and afternoon sessions; students are encouraged to choose this selection only 1x per day.</p>
<p>REAL LIFE SCIENCE & THE SANDS OF TIME</p>	<p>MUSIC MECHANICS</p>	<p>PHOTOGRAPHY</p>	<p>OFF-SITE ACTIVITIES</p>
<p>MON-THURS 12:30-3 *Limited to 30 students</p>	<p>MON-THURS 12:30-3 *Limited to 15 students</p>	<p>MON-THURS 12:30-3 *Limited to 15 students</p>	<p>FRIDAYS 9-3 (7/15, 7/22, 7/29, 8/5)</p>
<p>Have you ever wondered how investigators analyze a crime scene? In Real Life Science, students will have a chance to work with a simulated crime scene, solving an actual criminal case using a hands-on approach in forensics, blood samples, fiber samples, & hand-writing analysis. In Sands of Time, students will dive into water week with boat making and river racing. Next, students will participate in an archaeological excavation and then create simple machines like catapults, compasses, and towers. Students will finish the summer program with a deserted island simulation. – Fun activities they won't want to miss!</p> <p>*This course offers an off-site activity to a local venue.</p>	<p>Spend your summer making music! Students will learn the basics of music composition using various types of interactive computer software programs and keyboards. This course will feature small group lessons, music theory, and ear-training. Students will have an opportunity to record their own musical masterpiece!</p> <p>Note: Computer software, keyboards, and other relevant supplies will be provided for use during the program.</p>	<p>Like to take pictures? Students will gain important concepts on how to operate a digital camera and learn tips for picture taking- like positioning, zoom, and background selection. This course will increase the students' skills in photography and photo editing using online software programs and digital media.</p> <p>Note: Digital cameras and case are provided for use during the program.</p>	<p>Friday fun- Students will participate in off-site activities focused on S.T.E.M. related topics- to places like the Battleship NJ in Camden, NJ; Liberty Science Center in Philadelphia, PA; Wheaton Arts and Glass Museum in Millville, NJ; and the Adventure Aquarium in Camden, NJ.</p> <p>Parents and Guardians are welcomed and encouraged to participate in off-site activities!</p> <p>The Friday program will operate from 9AM-3PM. Transportation is provided to/from the school as well as to/from off-site destinations <u>at no cost</u>. Breakfast and lunch is also provided <u>at no cost</u>.</p>



CLAYTON PUBLIC SCHOOL DISTRICT SUMMER ACADEMY REGISTRATION FORM

21st CCLC SUMMER ACADEMY PROGRAM 2016

No Program Fee (Program is provided through 21st Century Community Learning Center Grant)

Open to students in grades 6-8 (16-17 School Year)

*Monday-Thursday for 4 Weeks (July 11-Aug 4)

9AM-3PM at Clayton Middle School

Breakfast & Lunch provided (FREE!)

AM/PM Transportation Provided (FREE!)

*Off-Site Activity Days on Fridays, Parents/Guardians welcome! (July 15th, 22nd, 29th, and Aug 5th) from 9AM-3PM (FREE!)

Transportation is provided at no cost. Breakfast and lunch is also provided on Fridays (FREE!)

Please choose one morning activity **and** one afternoon activity (Course offerings are subject to registration #'s):

(Morning) 9:00AM-12:00PM

- CLAYTON'S P.O.W.E.R. PROGRAM
- ROBOTICS/COMPUTER CODING & DESIGN
- S.T.E.M. CHALLENGES
- PLAY 60 (THIS ACTIVITY IS RECOMMENDED ONLY 1X PER DAY/MORNING OR AFTERNOON)



(Afternoon) 12:30-3:00PM

- REAL LIFE SCIENCE & THE SANDS OF TIME
- MUSIC MECHANICS
- PHOTOGRAPHY
- PLAY 60 (THIS ACTIVITY IS RECOMMENDED ONLY 1X PER DAY/MORNING OR AFTERNOON)

My child will **ride the bus** to and from the 21st CCLC SUMMER ACADEMY PROGRAM. Please send more info about pick-up/drop-off locations & times.

My child will participate in 21st CCLC SUMMER ACADEMY PROGRAM off-site activities on **Fridays (July 15th, 22nd, 29th, and Aug 5th)** from 9AM-3PM. Transportation will also be provided to/from Clayton Middle School on these days, as well as breakfast and lunch. Parents/guardians are welcome to participate in off-site activities.

Student's Last Name:		First Name:		Student's Grade (16-17 School year): <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8	
PARENT/GUARDIAN INFORMATION					
Last Name:		First Name:			
Street Address:				Apartment/Unit #:	
City:		State: NJ	ZIP:		
E-mail Address:		Home Phone:		Cell Phone:	
*EMERGENCY CONTACT INFORMATION					
Last Name:		First Name:			
Relationship to Student:					
Home Phone:		Cell Phone:			

Return this registration form to: Clayton Public School District, Office of the Superintendent, 350 East Clinton Street, Clayton, NJ 08312. Registrations are on a first-come, first-serve basis. Course offerings are subject to registration numbers. Registrations **due June 1, 2016**.

If you are registering more than one child, please complete a separate form for each child.

Registered families will receive an information packet in the mail; the information packet must be completed and returned by June 30th.