



KIPP:NEWARK
HIGH SCHOOLS

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COURSE • ATHLETIC • CLUBS

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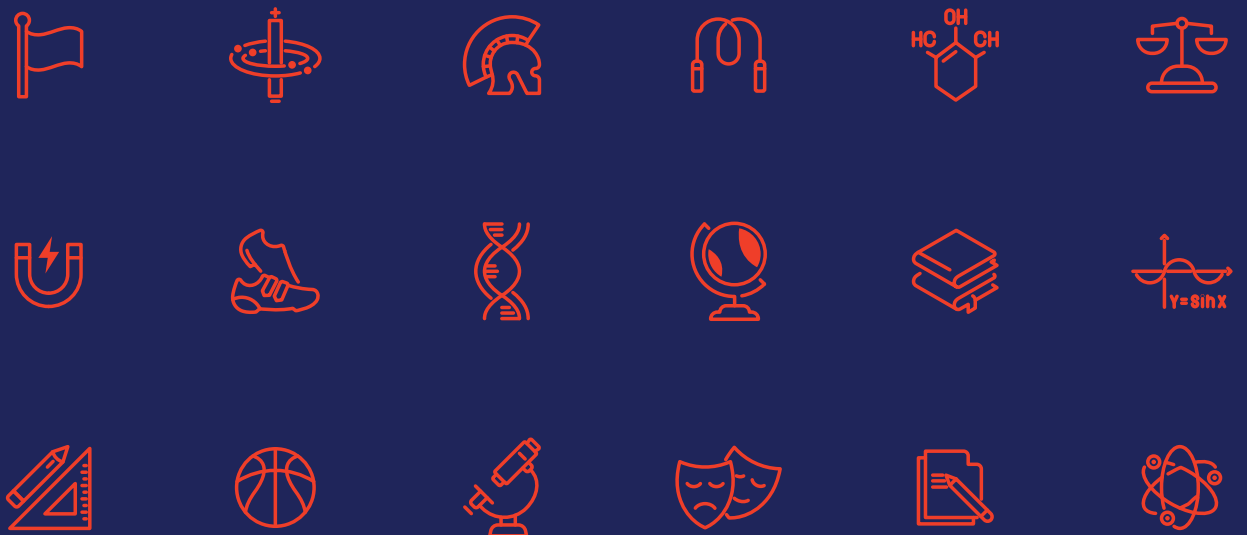




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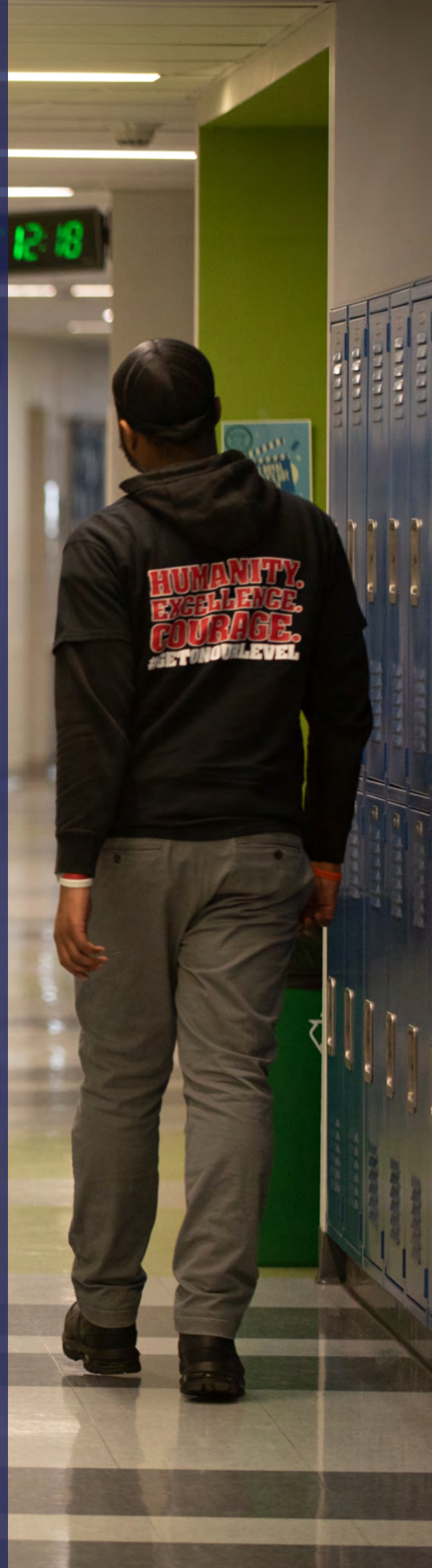
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LETTER FROM OUR EXECUTIVE DIRECTOR

Dear KIPP NJ Families,

Graduation is just around the corner for your 8th grader! As you know, at KIPP, we always talk about the importance of team and family. We follow our eighth grade graduates through high school and provide college and career support because we believe in doing everything we can to support our students to-and-through. We know families have many options for high school, and we want to share with you why we believe our KIPP New Jersey high schools are well positioned to ensure each student has the skills and confidence to pursue any path that leads to their highest aspirations. As existing members of the KIPP family, **all current 8th grade KIPP students have a guaranteed seat at our KIPP High Schools.** Students do not need to re-apply.

Over the course of the 20+ years I've been with the organization, a few things have remained constant. **Data shows that eighth grade KIPPsters who attend a KIPP high school are more likely to graduate from high school, enroll in college, and persist through college to completion than those who choose to attend a non-KIPP high school.** I am proud to work at the best school system serving the students of Newark and Camden.

ABOUT OUR SCHOOLS:

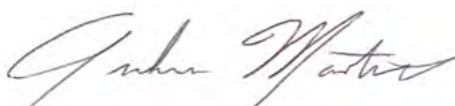
- Since its opening in 2007, **KIPP Newark Collegiate Academy** has seen more than 1,000 students off to college and holds the distinction of sending more African American students to four-year colleges than any other high school in the city.
- Our second high school, **KIPP Newark Lab High School**, which sent 59% of its first class of graduating seniors to a 4- or 2-year college last year, has been actively preparing students for college and career success through intentional integration of design into students' academic experience.

KIPP NEWARK HIGH SCHOOLS STUDENTS HAVE ACCESS TO:

- Dual Enrollment Courses (through Howard University, University of Pennsylvania, Brown University, among others) and Advanced Placement (AP) Courses that will provide students with the opportunity to earn FREE college credit while still in high school
- Access to rigorous summer programming opportunities
- Dedicated KIPP Forward counselors who support students to choose and prepare for a right-fit college or education path and a meaningful career
- High-quality, rigorous, and free ACT preparation beginning in ninth grade
- Athletic teams who have competed and won at the district and state championship levels
- Extra-curricular clubs and activities meant to help students find their passion and purpose
- Individualized educational support for students who are eligible for special education and related services in the least restrictive environment
- Job shadowing, mentorships, and career placement assistance

We are so excited to support our KIPPsters as they make this next important transition from middle school to high school. Our high school teams look forward to meeting our Class of 2028 students and families and to making great memories over these exciting four years!

In Partnership,



Drew Martin
Executive Director, KIPP New Jersey



To claim your student's guaranteed 9th grade seat, please sign and return the High School Enrollment Form in this packet or complete it at kippnj.org/transitions by **January 26th**.

ABOUT KIPP:NEWARK

KIPP Newark schools are part of the nationally recognized "Knowledge Is Power Program" nonprofit network of college preparatory, public charter schools educating elementary, middle, and high school students. KIPP has been around since 1994 and is the largest group of charter schools in the country. As part of the KIPP network, KIPP Newark schools, educators and students benefit from the ability to leverage best practices from KIPP schools across the nation.

In 2002, KIPP Newark first opened its doors in Newark's South Ward as a single class of 80 fifth graders and has since grown to 12 schools that teach over 6,500 students in grades K-12. By offering highly effective educators with strong bonds to families, services that support a variety of student needs, and a culture focused on achievement, our students are on the path to and through college.

40% College graduation rate for KIPP Newark alumni
who attended our middle and high schools
NEARLY 4X THE NEWARK AVERAGE



Student safety and wellness is a top priority at KIPP Newark. Our schools are proud to partner with community organizations to offer comprehensive wraparound services for students and families including:



**MENTAL AND SOCIAL EMOTIONAL
SUPPORT SERVICES**



AFTER SCHOOL PROGRAMMING



GROCERY DISTRIBUTION



FAMILY ENGAGEMENT EVENTS

...AND MORE!

KIPP Forward

Supporting KIPP Alumni Through College, Career & Beyond

KIPP Forward is our innovative program that supports KIPP students as they navigate high school and choose and prepare for the college and career paths that fit their goals and sense of purpose. Throughout 9th - 12th grade, KIPP NJ high schoolers and families work with our **KIPP Forward College and Career Counselors** to identify, apply for, and enroll in a college and or program that is a strong match academically, socially, and financially in order to set them up for on-time graduation.

In the spring of senior year, KIPP high school students are matched with a **KIPP Forward Alumni Counselor**. Alumni Counselors help ensure our alumni keep moving forward, tackling academic, social, and financial challenges they might encounter, and helping position them to attain their career of highest aspiration.

Through the **KIPP Alumni Network**, our KIPP family is creating powerful connections and ascending together with networking, mentorship, leadership training, and more. Across the country, KIPPsters are earning degrees and certifications, building businesses, reforming policy, serving their communities, and rising through the ranks of companies and organizations throughout the nation.

KIPP FORWARD PROGRAM HIGHLIGHTS

Throughout high school, our students engage in a variety of activities and workshops designed to ensure they learn the skills and mindsets necessary to identify and work toward their career of highest aspiration. Students who attend a KIPP high school will have access to:

- College & Career Readiness Seminar courses that provide career exploration and exposure opportunities as well a College Knowledge and Career Success curriculum
- College and career program exposure events, including visits and fairs
- A College & Career Counselor that will help them through the application process during their senior year (with ~80:1 ratio which is a lower ratio than most other high schools in the area which often exceed 100 students per caseload)
- One-on-one advising to help students choose best fit AP courses, dual enrollment classes, and ACT preparation opportunities to make their applications as competitive as possible for college and credentialing programs

Students who do not continue with KIPP high school will not have access to this level of support with accessing and completing post-secondary education.

OUR RESULTS

Great news! National data shows that because of these supports and other efforts at our high schools, **our middle school students who have attended our KIPP high schools graduate college at a much higher rate than those who choose to attend a different high school.**

In September 2023, Mathematica (a prominent research institution) released a report conveying the findings of a 10+ year-long study that aimed to determine how large an impact KIPP schools across the country are having on their students' college completion outcomes.

The results were incredibly positive:

- Students who attended both KIPP middle and high school were **nearly twice as likely to persist and graduate from a four-year college** than those who chose not to enroll in KIPP schools..
- Students who attended KIPP for both middle school and high school were **67% more likely to enroll in a four-year college** than those who did not go to KIPP.

Students who go to our high schools do better than those who go to other schools, even if the schools are selective magnet schools.

Since then, we have added an honors program, classes like robotics and additional AP classes, and a very successful dual enrollment program in which our students are earning college credits from schools like Howard, Brown, and Penn, among others.

COLLEGE COMPLETION	CLASS OF 2014	CLASS OF 2015	CLASS OF 2016
KIPP NCA Grads	39%	40%	36%
KIPP MS Alumni who went to a non KIPP high school	30%	24%	22%

2010-2023

POST-HIGH SCHOOL ADMISSIONS

Below is a list of colleges, universities and career and technical education programs (CTE) that KIPP NJ alumni are attending and/or have graduated from or completed their certification:

Academy of Art University

Albertus Magnus College

Albright College

Allegheny College

American International College

American University

Amherst College

ASA College

Ashford University

Automotive Training Center

Aviation Institute of Maintenance

-Hasbrouck Heights

Barnard College

Barton College

Berkeley College-New York

Berkeley College-Woodland Park

Bloomfield College

Boston College

Boston University

Bowie State University

Bucknell University

Buffalo State SUNY

Bunker Hill Community College

Caldwell University

California University of Pennsylvania

Calvary Chapel Bible College

Camden County College

Catholic University of America

Cazenovia College

Cedar Crest College

Centenary University

Central Connecticut State University

Cheyney University of Pennsylvania

Christian Brothers University

Clark Atlanta University

Clayton State University

Clinton Junior College

Columbia University

Coppin State University

Cornell University

County College of Morris

Dartmouth College

Delaware State University

Dickinson College

Drew University

Drexel University

Duke University

East Mississippi Community College

Eastern Florida State College

Eastern Gateway Community College

Eastern International College

Emory University

Empire Beauty School-Bloomfield

Empire Beauty School-Cherry Hill

Empire Beauty School-Union

Essex County College

Essex County One-Stop Career Center

-Newark

Fairleigh Dickinson University

-Metropolitan

Fayetteville State University

Felician University

Fisk University

Florida A&M University

Franklin and Marshall College

Full Sail University

George Washington University

Georgetown University

Georgia Gwinnett College

Georgia Southern University

Georgia State University

Goucher College

Hampshire College

Hampton University

Haverford College

Hillsborough Community College

Hofstra University

Hohokus School-RETS Nutley

Hollins University

Howard University

Hopewoods 'N Camden

Hudson County Community College

Immaculata University

Johnson & Wales University-Charlotte

Johnson & Wales University-Providence

Kean University

Kennesaw State University

Lafayette College

LIM College

Lincoln Technical Institute-Edison

Lincoln Technical Institute-Lowell

Lincoln Technical Institute

-South Plainfield

Lincoln Technical Institute-Union

Lincoln University of Pennsylvania

Louisiana State Univ-Main Campus

Loyola Marymount University

Lycoming College

Marywood University

Mercyhurst University

Miami Dade College

Middlesex County College

Monmouth University

Montclair State University

Morehouse College

Morgan State University

Mount Holyoke College

Mount Marty College

Muhlenberg College

National Louis University

New Community Workforce

Development Center

New Jersey City University

New Jersey Institute of Technology

New York Film Academy

New York University

North Carolina A&T State University

2010-2023

POST-HIGH SCHOOL ADMISSIONS

Northampton County Area CC
 Northeastern University
 Norwich University
 Oberlin College
 Occidental College
 Ohio Dominican University
 Ohio State University-Main Campus
 Olivet College
 Opportunity College
 Our Lady of the Lake Univ-San Antonio
 Parisian Beauty School
 Passaic County Community College
 Penn State-Abington
 Penn State-Harrisburg
 Penn State-Hazleton
 Penn State-Schuylkill
 Parisian Beauty School, Paul Mitchell
 Partner School
 Pennco Tech
 Prince George's Community College
 Propel America
 Ramapo College of New Jersey
 Raritan Valley Community College
 Rensselaer Polytechnic Institute
 Rider University
 Rowan College at Burlington County
 Rowan College of South Jersey
 Rowan University
Rutgers University-Camden
Rutgers University-New Brunswick
Rutgers University-Newark
 Sacred Heart University
Saint Elizabeth University
Saint Peter's University
 Saint Vincent College
 Seton Hall University
 Shaw University
 Shippensburg University of Pennsylvania
 Smith College

South Carolina State University
 Southern New Hampshire University
 Spelman College
 St. John
 Stanford University
 Stevens Institute of Technology
 Stevens-Henager College-Ogden
 Strayer University-District of Columbia
 Sussex County Community College
 Swarthmore College
 Syracuse University
Temple University
The College of New Jersey
The Richard Stockton College
New Jersey
 The University of Tampa
 Thomas Edison State College
 Towson University
 Trinity Washington University
Union County College
 Universal Technical Institute
 of Pennsylvania
 University of Baltimore
 University of Bridgeport
 University of Connecticut
 University of Delaware
 University of Hartford
 University of Kentucky
 University of Miami
 University of Nevada-Las Vegas
 University of New Haven
 University of North Carolina-Chapel Hill
 University of North Carolina-Greensboro
 University of Notre Dame
University of Pennsylvania
 University of Phoenix
 -Jersey City Campus
 University of Richmond
 University of South Carolina-Columbia

University of Tulsa
 University of Virginia-Main Campus
 Ursinus College
Vanderbilt University
 Vaughn College of Aeronautics & Tech
Villanova University
 Virginia State University
 Wagner College
 West Virginia University
 Western Connecticut State University
 Western Michigan University
William Paterson University of NJ
Xavier University of Louisiana
 Year Up Jersey City
 YTTW-New Jersey Health
 Care Employers

Schools in bold indicate a Class of 2023 student is currently attending.



KIPP NEWARK ATHLETICS

KIPP NJ high schools offer a robust athletics program. Our student-athletes will develop the confidence, work ethic, and commitment necessary to flourish and lead in their communities.





ATHLETICS

At both high schools, we are proud to offer cheerleading and a variety of varsity, junior varsity, freshman and intramural sports giving as many students as possible an opportunity to remain active and compete at different levels.



Varsity Football
 Varsity & JV Girls Volleyball
 Varsity Boys Soccer
 Varsity & JV Cheerleading
 Varsity & JV Boys & Girls Cross Country
 Intramural Soccer



Varsity & JV Girls Basketball
 Varsity, JV & Freshman Boys Basketball
 Varsity Girls & Boys Indoor Track
 Varsity Boys & Girls Wrestling
 Varsity & JV Cheerleading
 Varsity & JV Bowling



Varsity Girls & Boys Outdoor Track
 Track & Field
 Varsity & JV Boys Volleyball
 Varsity & JV Cheerleading
 Varsity Girls Flag Football

Sport	NCA Offering	NCA Season Highlights	NLHS Offering	Lab Season Highlights
Varsity Girls Basketball	X	The NCA Lady Panthers Basketball Program supports a structured, challenging and motivating environment that focuses on teaching and development. Training is designed to empower athletes, build team, mental toughness, leadership and on-court development.	X	Our girls basketball team went 20-6 and were Super Essex Conference Liberty Division Champions. They advanced in both the state playoffs and the Essex County Tournament as well.
JV Girls Basketball	X		X	
Varsity Boys Basketball	X		X	This year Newark Lab boys basketball welcomes a new coaching staff: Stacey Daniels will be the boys varsity head coach and Joezer Antoine the boys JV coach.
JV Boys Basketball	X		X	
Freshman Boys Basketball	X			
Cheerleading	X	Our mission is to inspire, empower, and elevate young athletes through the exciting world of cheerleading. We are dedicated to providing a supportive and inclusive environment that fosters personal growth, teamwork, and sportsmanship. Cheerleaders receive the training to transform them into a well rounded athlete, but more importantly a powerful individual with a kind heart. Our Varsity Cheerleaders earned "Most Spirited" in the Super Essex Conference Division I. Tryouts for SY25 will be held in May.	X	

Sport	NCA Offering	NCA Season Highlights	NLHS Offering	Lab Season Highlights
Varsity Cross Country	X		X	
Varsity Football	X			
Boys Soccer	X			
Girls & Boys Varsity Outdoor Track and Field	X		X	
Girls Volleyball	X		X	This year Newark Lab welcomed Shanyiah Rodell as our varsity head volleyball coach and Darrin Thomas as our JV girls volleyball coach.
Varsity Boys & Girls Wrestling	X	NCA Wrestling is a fast growing sport for young men and women that offers many opportunities to fund your future college quest. It honors the spirit of hard work, responsibility, and commitment. Students will learn what it means to be responsible, strong, communication skills, and work ethics while still having fun!		
Boys Volleyball	X		X	
Intramural Volleyball			X	
Intramural Soccer				
Intramural Tennis			X	
Intramural Basketball			X	
Varsity & JV Bowling			X	This year Newark Lab welcomes Stephanie Cruz as our head bowling coach.
Girls Flag Football			X	Last year Newark Lab founded a girls flag football team and competed in the Independence Division of the Super Football Conference. The girls went 4-3-1 and advanced to the state playoffs where they lost to defending champion, Irvington. We look forward to another competitive season this year.

ELIGIBILITY REQUIREMENTS

At KIPP Newark High Schools your work is very important. Failure to meet eligibility requirements will keep you from participating in any sport. As a freshman you become eligible for the fall season when you arrive and remain eligible until you receive your first quarter grades. Following the first quarter, your grades will determine your GPA and your GPA will determine your eligibility to play. All athletes must maintain a 2.5 grade point average in order to participate in NCA and NLHS athletics. If your grade point average falls below 2.5, you will become ineligible.



KIPP:NEWARK

NEWARK COLLEGIATE ACADEMY

KIPP NEWARK COLLEGIATE ACADEMY

2023-2024 SCHOOL PROFILE | KIPP NEW JERSEY | KIPPNJ.ORG

ABOUT KIPP NEWARK COLLEGIATE ACADEMY

KIPP Newark Collegiate Academy (NCA) is our network's first high school. NCA serves students from KIPP Newark's four middle schools, as well as new-to-KIPP ninth graders who fill other open seats. Located in the West Ward near West Side Park, NCA offers a well-rounded educational experience including Honors and AP course options, varsity athletics, and a variety of clubs that appeal to student interests. KIPP Newark Collegiate Academy educates nearly 800 students in grades 9-12 with a rigorous, college preparatory curriculum.

SCHOOL VIRTUES

Humanity. Excellence. Courage.

MISSION

At NCA, we develop our habits of mind and character, preparing to lead principled and productive lives that kindle a respect for human dignity. We deeply believe in preparing ALL students for success in college and in life.

ACADEMIC PROGRAM VISION

A KIPP Newark Collegiate Academy education is marked by a rigorous curriculum that encourages critical thought that is rooted in an exchange of ideas. Having learned the habits of mind and character essential to success in life, our students will enter college prepared to serve as authors of their own destinies. We work to foster a community of students and teachers, responsible to each other. We work in partnership to help our students shape their identities, helping them to make their way along that less traveled road. NCA operates on a schedule where students receive eight 54-minute periods of instruction 5 days per week. All 9th, 10th, and 11th grade students are enrolled in 40 total credit hours. Seniors are required to be enrolled in at least 30 credit hours.

This school year, NCA is proud to offer students:

- 13 Advanced Placement courses
- 9 Career & Technology Education (CTE) courses including Computer Science, Engineering, Cybersecurity and Healthcare
- 5 Dual Enrollment courses



- FOUNDED:** 2007
- STUDENTS:** 733
- GRADES:** 9-12
- COLLEGE & CTE:** 66% matriculation

ETHNICITY

- 84% African-American or Black
- 7% Latinx
- 9% Two or More Races

FREE/REDUCED MEALS

- 90% Free/Reduced
- 10% Paid

GENDER

- 52% Male
- 48% Female

CONTACT

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CLUBS & ACTIVITIES

ART CLUB

Art Club promotes imagination, creativity, and art production. We focus on materials and projects that are beyond what you would do in a regular art class. Studio Art is a place for practicing artists to hone in on their skills, develop their techniques and portfolios, collaborate with other artists like themselves, create bonds with the community through the arts, and learn how to work together through group projects that will beautify the school and community.

BLACK STUDENT UNION

The Black Student Union will aim to create an intersectional, supportive and sustainable voice for the student body at NCA. Students will learn the importance of advocacy as it relates to the Black experience in academia and beyond. While the BSU usually exists in college, it is with great hope that having it at NCA will give students the opportunity to learn how to effectively organize and different ways to enhance the student experience.

BOOK CLUB

The NCA-Book Club provides a space for students to come together, read books, and discuss topics. Additionally, it provides students the opportunity to critically think and foster rich dialogue.

FOSTERING CHANGE

Fostering Change serves to create fellowship between students of different grades through mentorship, community service, and fun! Students will be able to form relationships with the Newark community, NCA community and build professional and personal skills.

GOSPEL CHOIR

The Gospel Choir was formed to celebrate the unique and inspirational power of gospel music.

LATINX STUDENT UNION

The Latinx Student Union is a club that advocates for Latinx communities to have their voice heard. This club is a place where students of all backgrounds can share their struggles within their community. This is also a club with the vision to create a learning space for students and the community to learn about the different Southern and Central American countries as well as Caribbean countries.

MATH CLUB

By joining this club, students gain life-long problem solving skills that will help them in class, on the ACT, and in STEM majors and careers. The most important aspect of the club will be the chance to work alongside other talented math students from NCA. The goal of the math team is to compete and win math tournaments. Students will meet twice a week to learn new math topics, practice problem solving, and take part in math competitions.

MARCHING PANTHERS

Music and building a band that will help continue to support our school network and Pride. Sportsmanship, leadership skills, creativity, theory in music, self-esteem, building self-confidence, having the ability to perform in front of large crowds, learning time management and a host of other opportunities that will help with future band scholarships and auditions.

MAJORETTES

The majorette team performs alongside the Marching Panthers. Routines similar to HBCU dance teams are performed to the rhythms of the drumline. The exposure helps to build girls self esteem and to also build confidence within one another.

NATIONAL SOCIETY OF BLACK ENGINEERS

The National Society of Black Engineers at NCA is for students who are interested in pursuing engineering or STEM careers. NSBE is a global society which constantly looks to connect black engineers with top opportunities at the high school, college and career levels. Our students work closely with students from NJIT to do experiments, get mentorship and learn networking. The skills they learn through NSBE will be valuable later in their careers.

NATIONAL HONOR SOCIETY

The National Honor Society will represent academic and moral excellence. We strive to be an organization that cultivates leadership and community service amongst the student body for their high school years and beyond.

NU GAMMA ALPHA

NGA / Girls group empowers young women to achieve emotional and psychological self-sufficiency by ensuring they take the proper steps to successfully graduate from high school and begin their life journey. The club will stand as a ground for sisterhood and allow girls to be their best selves. Members focus on individual issues that they deal with inside and outside of school, teach life skills, and be all the girls need us to be! The club is and has been a need for the young as well as the older women in our school. It is a club that is both therapeutic and fun.

PLATINUM STEP TEAM

Platinum Step creates an appreciation for diversity. Stepping is a form of percussive dance that uses the body, especially hands and feet to create rhythms and sounds. Students will learn to be disciplined and confident. Students will learn to collaborate effectively. The club will promote sisterhood and brotherhood within the school community.

QUIZ BOWL

Members gain experience and knowledge that they can apply to future trivia games, i.e., Jeopardy, Who wants to be a Millionaire, etc. In addition, this looks great on college applications because colleges that have quiz bowl teams win money for their school. Not to mention, students will have bragging rights if they rank high and/or win.

ROBOTICS

KIPP Newark High Schools' Robotics Club competed in FIRST Tech Challenge events with a robot that is designed, built and driven completely by students. Robotics requires learning design elements as well as coding in order to make the robot move. Students in the Robotics Club interface with students from several different schools and build relationships with students from a wide variety of backgrounds. Students are being prepared to tackle modern problems by creating modern solutions.

STUDENT LEADERS IN DIVERSITY, EQUITY & IDENTITY

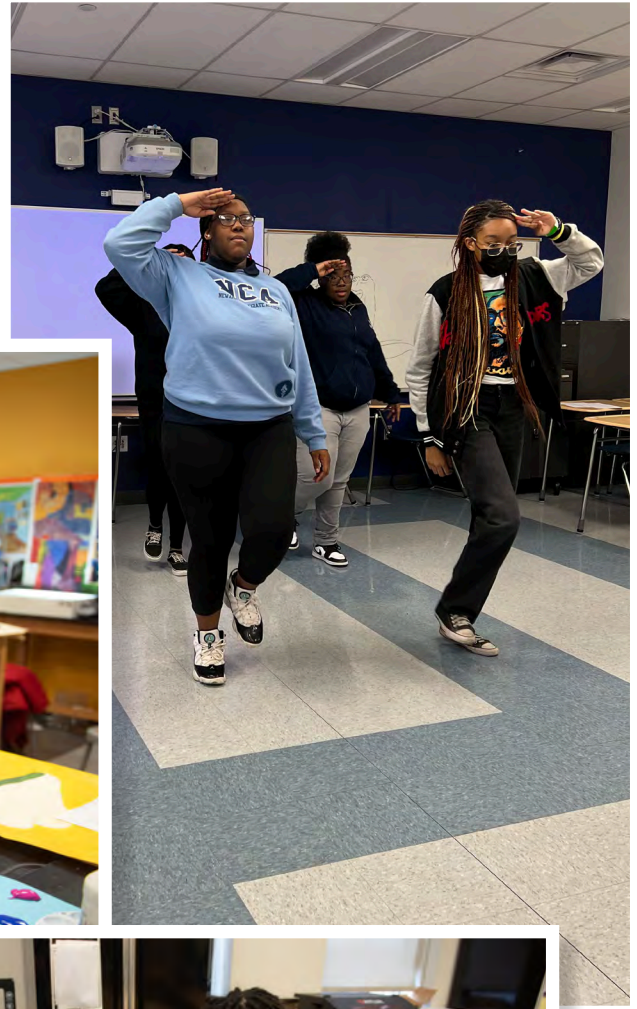
SLIDE creates student leaders that ensure NCA is actively working to be more equitable for all students by bringing awareness to different inequities and diversity issues here, in the local community, and in the world.

THE BROTHERHOOD

The purpose of this club is to create a safe space to vent and discuss. Everything said in the room stays in the room. Each week members discuss any topics or issues relevant to the young male experience with the goal of creating a bond and support system for one another.

SPORTS MANAGEMENT CLUB

Students gain important leadership experience by managing our sports programs and getting hands-on experience with sports management.





KIPP:NEWARK
NEWARK LAB HIGH SCHOOL

KIPP NEWARK LAB HIGH SCHOOL

2023-2024 SCHOOL PROFILE | KIPP NEWARK | KIPPNJ.ORG

ABOUT KIPP NEWARK LAB HIGH SCHOOL

At KIPP Newark Lab School, we embark on the journey to find ourselves, our purpose, and to create a more just future and world. We unlock our limitless potential through projects, through lived experience, and through meaningful learning experiences. We ask the questions, and we solve the problems - great and small. We give and take opportunities to formulate ideas and propose solutions to non-traditional problems. We know our future is more exciting if we explore the stars and more beautiful if we sing, if we dance, if we build. We learn to love and value ourselves and others, to be self-disciplined and engaged citizens who make informed decisions, and act with integrity. We celebrate what we share and cherish our differences. Because we leave armed with powerful knowledge and the skills to lead choice-filled lives, we leave with responsibility and strength. We leave imbued with a strong sense of justice, and with the critical thinking skills necessary to make a difference.

SCHOOL VIRTUES

Problem-Solving, Creativity & Exploration, Critical-Thinking, Connection, and Understanding of Self

ACADEMIC PROGRAM VISION:

At KIPP Newark Lab High School, our classrooms provide countless opportunities. Opportunities to live thousands of lives in our single lifetime through books, conversations, and experiences. Opportunities to develop voice in writing, to break from formulas and traverse genres with skill and nuance. Opportunities to develop a passion for learning and the knowledge to disrupt the status quo. Opportunities to constantly grapple with complex problems and persevere in the face of obstacles and ambiguous solutions. Opportunities to ask questions, and opportunities to be wrong. Opportunities to build and create things. We create and embrace opportunities to consider our and others perspectives - in personal interactions, in literature, in history, in nature. Opportunities to empathize, collaborate, and compromise. Opportunities to make the effort, to set goals, and to contemplate. Opportunities to try, to learn, and to achieve. Opportunities to reflect and to applaud each other. Every day we seize all of our opportunities to instill in our students the desire and ability to change the world.

This school year, Lab is proud to offer students:

- 6 Advanced Placement courses
- 4 Dual Enrollment courses
- 5 Career & Technology Education (CTE) courses including Healthcare, Entrepreneurship and Computer Science



FOUNDED: 2019

STUDENTS: 503

GRADES: 9 - 12

ETHNICITY

- 86% African-American or Black
- 5% Latinx
- 9% Two or More Races

FREE/REDUCED MEALS

- 86% Free/Reduced
- 14% Paid

GENDER

- 52% Male
- 48% Female

CONTACT

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CLUBS & ACTIVITIES

ART CLUB

Art Club promotes imagination, creativity, and art production. We focus on materials and projects that are beyond what you would do in a regular art class. Studio Art is a place for practicing artists to hone in on their skills, develop their techniques and portfolios, collaborate with other artists like themselves, create bonds with the community through the arts, and learn how to work together through group projects that will beautify the school and community.

DANCE COMPANY

Provides an outlet for dance and performance. The dance company will provide a team culture for the members, and will share the love of dance and movement with the school community at various events throughout the year.

MATH CLUB

By joining this club, students gain life-long problem solving skills that will help them in class, on the ACT, and in STEM majors and careers. The most important aspect of the club will be the chance to work alongside other talented math students from NCA. The goal of the math team is to compete and win math tournaments. Students will meet twice a week to learn new math topics, practice problem solving, and take part in math competitions.

NATIONAL HONOR SOCIETY

The National Honor Society will represent academic and moral excellence. We strive to be an organization that cultivates leadership and community service amongst the student body for their high school years and beyond.

PRE-LAW CLUB

Students interested in law hear from guest speakers in the field of law each month.

WEIGHT LIFTING CLUB

Students exercise weekly and learn the fundamentals of fitness and weight lifting.

SPORTS MANAGEMENT CLUB

Students gain important leadership experience by managing our sports programs and getting hands-on experience with sports management.

MALE AND FEMALE EMPOWERMENT CLUBS

For males it's called "He ain't heavy he's my brother" and for females it is "Girl's Society". Students discuss themes related to their age and gender.

STUDENT GOVERNMENT ASSOCIATION

A student led organization that represents the interests and concerns of the student body and to facilitate communication between students, faculty and administration.

P.A.C.T (PEER ACCELERATED CONNECTION TEAM)

A male peer mentorship club that helps students tackle all the social pressures, new surroundings, and elevated academic requirements. It acts as a connecting bridge, offering guidance and encouragement from students who have dealt with such challenges and emerged victorious.

NAIL SOCIETY

Students will explore nail anatomy, safety procedures, manicure procedures, nail prep and tip placements. Nail art, decals, and rhinestone placement and much more.

INVESTMENT CLUB

Students will learn about investment tools, focusing mainly on stocks. Students will make fake money using stock market games and discuss investment strategies.

ACTING CLUB

A club that offers a supportive and creative space for students to explore and develop their acting abilities, whether they are aspiring actors, theater enthusiasts or students looking to gain confidence and public speaking skills.

ENTREPRENEURSHIP CLUB

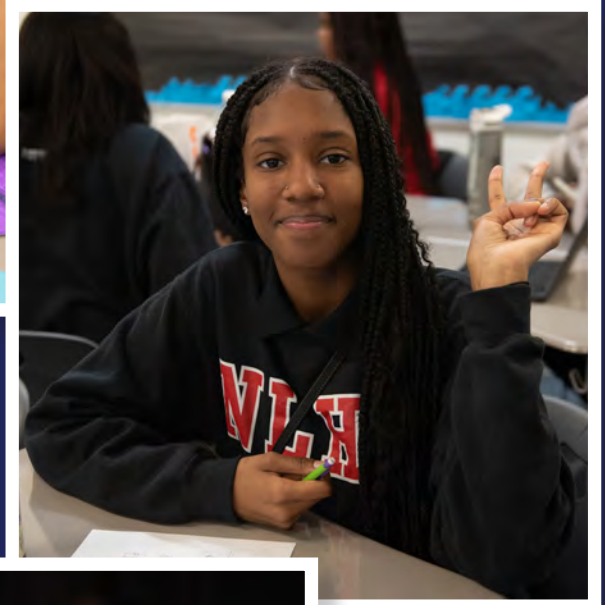
Aspiring entrepreneurs, helping them develop the skills, knowledge, and connections needed to start and grow successful businesses.

BOXING

A structured and safe environment for individuals to engage in boxing techniques, skills, and fundamentals. It also will help develop both physical and mental attributes while fostering a sense of community among students.

COOKING CLUB

Students will learn the chef experience. By gaining knowledge in taste of ingredients, smell in recognizing any spice or seasoning, touch in knowing what can cause cross contamination, and sound in knowing the different levels of flames keeping them alert in the kitchen.



KIPP NEWARK HIGH SCHOOLS

COURSE OFFERINGS

△ Indicates a course is offered only at KIPP Newark Lab High School

△ Indicates a course is offered only at KIPP Newark Collegiate Academy

ARTS

Music

Music Production △ **5 credits, full-year**

This course is a full-year introduction to the theory and techniques of audio production. Students will learn and combine the knowledge of music theory, development of listening skills, song structure, and copyright laws of music business essential to becoming a well-rounded music producer. Students will be capable of developing their own musical ideas by using MIDI music production software, Garage Band and Reason, in a computer lab setting. *Prerequisites: None*

Music Production II △ **5 credits, full-year**

This course builds on the skills and concepts of Music Production I. *Prerequisites: Music Production I*

Choir △ **5 credits, full-year**

This full-year performance class is offered to music students. With a focus on note reading, posture, tone quality, and other fundamental skills. Through focused daily group rehearsals and individual practice, students will participate in a dynamic ensemble experience, and develop collaborative skills essential both in and out of rehearsal. This class will feature in-class, in-school and out-of-school performance opportunities, as well as written analysis and reflections that accompany a wide range of musical repertoire. Students will be assessed via written and performance-based tests. *Prerequisites: None; audition required*

Piano △ **5 credits, full-year**

This course is designed to build proficiency skills in piano and in reading music. However, Students interested in learning piano for the first time or who have been studying piano for years are welcome.

VISUAL ARTS

Introduction to Art △ **5 credits, full-year**

A course that trains students in the fields of graphic design, interior design, advertising, decorative art, functional and structural art, architecture, photography, drawing and painting. This course will also introduce and utilize the Elements and Principles of Art and be considered in all art making.

Advanced Art △ **5 credits, full-year**

Advanced Art is a studio course in which students will increase technical skills, develop a more sophisticated approach to process and subject matter, and create a portfolio of individual work.

VISUAL ARTS (Cont'd)

Art III ▲

5 credits, full-year

This course is designed for highly motivated students who are committed to the study and creation of visual art. Students must prepare a portfolio of their best work to be submitted for discussion and evaluation at the end of the school year. Students will work in a variety of two-dimensional media, including a personal concentration of at least twelve pieces that focuses on a theme of personal interest to each student. To be successful in this course many of the art projects must be done outside of class as well as in class.

During the school year, students will have the opportunity to concentrate in a particular medium, art style, and/or subject matter. Students are expected to complete approximately one major project each week, and they will be required to prepare portfolios of their best work for participation in the Spring Portfolio Exhibition. *Prerequisites: Drawing & Painting I; Instructor approval*

Media Arts ▲

5 credits, full-year

This class investigates a variety of art making genres and technical applications that challenge form and content. Multi-media applications may range from mixed media assemblage and digital processes. Students as individuals will adopt these ideas and methods for their own work, continuing the development of formal and technical skills in relation to a personal evolution. Historical and contemporary precedents will be introduced. Possibilities for collaboration with other disciplines will be encouraged throughout the course.

Technology & Design ▲

5 credits, full-year

Introduction to digital tools with emphasis on graphic design, mechanical drafting, aesthetics, and function. Students will apply the concepts through designing, building, and demonstrating a robotic system, including all sensing, computation, and actuation. The specific task, such as stone stacking robots, changes each year, and is designed to be challenging for ambitious students.

Introduction to Visual and Performing Arts

5 credits, full-year

This course is a montage of VPA courses offered. Students will do 1 quarter in each of our main VPA disciplines (Acting, Art, Music, and Film Making). Students will get a taste of VPA courses and gain intro skills while completing a high-interest project.

Acting I ▲

5 credits, full-year

This course is an introduction to the art and craft of acting. Students will learn the basic techniques and skills of dramatic and comic performance. Topics covered will include acting vocabulary, the basics of stagecraft, voice and movement, and character development. Students will have the opportunity to practice their skills through a variety of exercises, games, and scenes.

Dance I ▲

5 credits, full-year

Dance I is a beginning dance course that introduces students to the fundamentals of dance movement, technique, and composition. Students will learn about the elements of dance, such as time, space, energy, and body alignment.

COLLEGE, CAREER, AND TECHNICAL EDUCATION

Introduction to Computer Science

2.5 credits, one semester

Introduction to Computer Science takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Students engage with computer science as a medium for creativity, communication, problem solving, and fun. The course inspires students as they build their own websites, apps, games, and physical computing devices.

College Personal Finance

2.5 credits, full-year

This is a Dual Enrollment course in partnership with The Wharton School. This course introduces students to key financial concepts through the lens of personal financial decisions. Centered on financing one's education, the course explores time value of money, tax and loans, basic money management skills such as: budgeting, saving, and investing; and culminates with a capstone project evaluating student loan offers. Scholars that succeed in this course will receive 3 college credits.

COLLEGE, CAREER, AND TECHNICAL EDUCATION (Cont'd)

AP Computer Science Principles ▲ **5 credits, full-year**

Computer Science Principles is a course designed to prepare students (and teachers) who are new to computer science for the AP CS Principles exam. The course covers many topics including the Internet, Big Data and Privacy, and Programming and Algorithms. *Prerequisites: None*

AP Computer Science A ▲ **5 credits, full-year**

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.

College and Career 100 **1.25 credits, full-year**

College and Career 100 is a full-year course that helps ease the transition from middle school to high school, equipping students with the skills required to become successful high school students. Students learn the importance of and how to calculate grade point averages. Students learn study skills, note taking from college level classes, personal organization systems, and much more. College focus begins in freshman year, with a focus on future life aspirations and how college prepares students to achieve life goals. *Prerequisites: None*

College and Career 200 **1.25 credits, full-year**

College and Career 200 is a full year course designed to begin uncovering our students' passion and plan. Our student discuss where they want their lives to go, hear from others who have gone before them, engage in activities designed to determine strengths and passions, and research opportunities to gain exposure to life changing experiences. *Prerequisites: None*

College and Career 300 **5 credits, full-year**

College and Career 300 is a full year course focusing on the college admissions process and in particular, ACT test preparation. By the end of the course, students will have a strong understanding of the types of colleges they will apply to in their senior year, have improved their ACT test scores significantly, prepared to request teacher recommendations, and started their personal statement. *Prerequisites: None*

College and Career 400 **5 credits, full-year**

College and Career 400 is a full year course that ensures all students complete the college application process and financial planning steps necessary to successfully matriculate to the college of their dreams. This course work centers around college match, determining how identity and desire and future aspirations intersect with strong decision making to choose the college that most directly aligns with goals. College placement counselors support students through personal statement writing, essay completion, FASFA work and much more. *Prerequisites: None*

Student Government ▲ **5 credits, full-year**

This full year course is designed to prepare students for leadership opportunities in college and in the work environment. The course offers students with the opportunity to foster a variety of essential skills such as communication, organization, goal setting, collaboration, event planning, time management, public speaking and critical thinking. The purpose of Student Government is to plan and implement activities that not only serve but also enrich the student body, the staff, and the community. *Prerequisites: Instructor Approval/Elected or Appointed into office*

Engineering ▲ **5 credits, full-year**

This is the culminating design course. Students choosing to take this course will continue applying design principles and the design method in developing solutions to everyday problems.

Advanced Cybersecurity ▲ **5 credits, full-year**

This course introduces the concepts and understanding of the field of computer security and how it relates to other areas of information technology. Topics may include security threats, hardening systems, securing networks, cryptography and organizational security policies.

COLLEGE, CAREER, AND TECHNICAL EDUCATION (Cont'd)

College Cloud Computing ▲

Dual Enrollment

5 credits, full-year

ASU and Amazon Web Services are partnering to offer a look under the hood at the exciting cloud technologies that run businesses today. Scholars taking this course will have the opportunity to receive an industry certification in Cloud Computing, as well as 3 college credits from ASU! A popular course, with project based learning allowing students from around the nation to meet and share work together.

Intro to Healthcare in Society

5 credits, full-year

This course provides an introduction to the healthcare system and the social, economic, and political factors that influence it. Students will learn about the different types of healthcare providers, the different types of healthcare services, and the challenges facing the healthcare system today. Students in this course will have the opportunity to explore different healthcare fields and professions, and to learn about the education and training required for each.

Hospital Volunteering

5 credits, full-year

Students will volunteer weekly for a minimum of 4 hours at University Hospital in conjunction with the Intro to the Healthcare in Society course. Students will receive training from University Hospital and will experience different departments over the course of the year.

Entrepreneurship ▲

5 credits, full-year

Entrepreneurship provides learners with an understanding of the critical role played by entrepreneurs in the national and global economy. Learners gain the skills necessary to become entrepreneurs and the attitudes, characteristics, and techniques that successful entrepreneurs have and that they will need to succeed. Starting with the Economics of Business and then building to experiential learning by encouraging learners to evaluate, develop, and work with the business ideas they already have or those they conceive during the course.

ENGLISH

English I

5 credits, full-year

English I is an introductory course to multiple genres and forms of reading with the theme of coming of age. The goal of the course is to expose students to a wide variety of texts and to develop their ability to analyze literary elements in text. Students spend a significant amount of time practicing close reading skills while they gradually become more confident with reading on their own outside of class. Students begin developing important habits of annotation, note-taking, organization, and reading outside of class. *Prerequisites: None*

English II

5 credits, full-year

English II is designed to further students' ability to closely read and analyze literature from around the world. Students build their knowledge of literary language and develop comprehension skills. The course is centered on the close reading of short passages and poems, as well as novels, plays, non-fiction, and speeches. The goal of the course is to expose students to a wide variety of texts and voices, and to build students' ability to attack and analyze a passage closely using literary language to do so. *Prerequisites: English I*

AP English Language and Composition

5 credits, full-year

AP English Language and Composition is a college-level course, typically taken in junior year, that analyzes the craft and themes of nonfiction texts written by American and international authors. Students study and practice the rhetorical devices and compositional components of crafting a persuasive argument. Students will read, analyze, and respond to a variety of nonfiction texts and visual texts in both on-demand and process-based essays to prepare for the AP English Language and Composition Exam. *Prerequisites: English II*

Information Literacy

5 credits, full-year

This course is designed to ensure that students are able to access and comprehend written materials. In this course, students will be working to increase their reading levels in order to make written material more accessible.

ENGLISH (Cont'd)

AP Seminar

5 credits, full-year

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. *Prerequisite: English 2*

College Intro to Literature and Composition

Dual Enrollment

5 credits, full-year

This is a Dual Enrollment course in partnership with Arizona State University and Brown University. Students in the course spend one semester exploring American poets whose themes, forms, and voices have given expression to visions of the city since 1850 (from Walt Whitman to Hip-Hop). Students spend the second quarter learning how to gather, evaluate, analyze, and integrate a range of sources (both primary and secondary) into their own writing. Scholars that are successful in this course will receive 6 college credits.

HISTORY & SOCIAL SCIENCES

AP African American Studies

5 credits, full-year (NCA is a national pilot school for this AP course)

A course that examines the history and culture of the African-American experience in an interdisciplinary format, including analysis of the unique historical, cultural, and social developments from classical African civilization to the present day.

US History: African-American/Latinx

5 credits, full-year

All 9th graders take this course as their first high school US History course. In this one-year, integrated course, the history of Africa and the Diasporas are explored with intentional linkages to the accomplishments, struggles, and beauty of Black and Latino people in the U.S., Americas (North and South), the Caribbean, and around the world. Through the lens of these very unique histories, students, with the guided support of their educators, will have opportunities to make connections to their own cultural and racial backgrounds and strengthen their understanding of what positive identity can look and sound like, the importance of inclusivity of diverse perspectives, and value for social justice to inform actions in their own community.

World History I

5 credits, full-year

The 100 Level history course is built around three enduring ideas: history is an interrelated story of the world; geographic knowledge is an inherently dynamic skill in understanding history; and excellent historians are first-class investigators. Throughout the course, students develop skills in evaluating primary source evidence, incorporating and synchronizing evidence, while explaining thematic historical and geographic relationships. During each time period that is studied from pre-civilization to the Rwandan Genocide, students investigate geography, populations, culture, state building, economic systems, and social structures. Students engage in multiple class-wide debates as well as primary-source document based question (DBQ) and long essay question (LEQ) writing to help further their historical reading, thinking, and writing skills. This course is the first of a two-year track to prepare students to take the AP World History exam in May of their Sophomore year. *Prerequisites: None*

AP World History

5 credits, full-year

The 200 Level - AP World History course is a fast-paced and rigorous course aligned with the AP World History exam which students will be encouraged to take in the middle of May for a chance at college credit and esteemed distinction on their college applications. The course will build off of skills and schematic content covered in their 100-Level Pre-WHAP history course while quickly moving into the Pre-Columbian era (1400s) and ultimately taking students into 21st century events and issues. Students will work on becoming advanced proficient in analyzing primary-source documents as well as building advanced proficient non-fiction literacy skills in order to effectively comprehend complex secondary sources and worldwide historical schema. Students will be asked to write numerous types of historical essays including the Document-Based Question (DBQ) format, Long Essay Question (LEQ) format, and Short-Answer Question (SAQ) format. All writing formats are aligned with and tested on the College Board certified AP World History exam. Students will engage in multiple whole class debates to further sharpen their historical writing, reading, and presentation skills. *Prerequisites: Pre-AP World History*

HISTORY & SOCIAL SCIENCES (Cont'd)

AP United States History

5 credits, full-year

Aligned with the AP U.S. History exam which students will be encouraged to take in May for a chance at college credit and esteemed distinction on their college applications, this course will build off of skills and schematic content covered in both their pre-requisite 100-Level and 200-Level history courses while quickly moving into the 9 essential time periods associated with U.S. History. The course will cover North American history from 1491 Pre-Colonization to the present-day while encompassing a multi-faceted perspective approach inclusive of many demographics and narratives genuine to the United States of America.

Students will continue to build advanced proficiency skills in analyzing primary-source documents as well as building their advanced proficiency non-fiction literacy in order to effectively synthesize essential historical schema pertinent to the United States. Students will be asked to write numerous types of historical essays including the Document-Based Question (DBQ) format, Long Essay Question (LEQ) format, and Short-Answer Question (SAQ) format. Students will engage in multiple whole class debates to further sharpen their historical writing, reading, and presentation skills. *Prerequisites: World History AP*

US Government & Politics Δ

5 credits, full-year

The U.S. Government and Politics course is a fast-paced and rigorous course aligned that will build off of skills and schematic content covered throughout students history careers at KIPP NLHS. The course will especially draw upon schema and concepts covered in our 300-level US History course. Students will also be asked to research, analyze, and discuss current events in American politics. Students will be able to investigate some of the most far-reaching contemporary and historical questions in US government: Why do we have government?

What exactly do the three branches of our government do? How and why are laws made? What is the impact of these laws? Why do we have political parties? And how effectively does our democracy function? Students will engage in multiple whole class debates, writing assignments, and simulations to further sharpen their historical writing, reading, and presentation skills. *Prerequisite: AP US History*

MATHEMATICS

Alegbra I

5 credits, full-year

As stated in the New Jersey Student Learning Standards, "The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. Because it is built on the middle grades standards, this is a more ambitious version of Algebra 1 than has generally been offered. The units deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Geometry

5 credits, full-year

This course teaches the standards set out in the New Jersey Student Learning Standards. Within the course, students will investigate the concepts of congruence, similarity, and symmetry and understand that they can be understood from the perspective of geometric transformation. Fundamental are the rigid motions: translations, rotations, reflections, and combinations of these, all of which are here assumed to preserve distance and angles (and therefore shapes generally). Reflections and rotations each explain a particular type of symmetry, and the symmetries of an object offer insight into its attributes—as when the reflective symmetry of an isosceles triangle assures that its base angles are congruent. *Prerequisite: Algebra I*

Alegbra II

5 credits, full-year

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. *Prerequisite: Geometry*

MATHEMATICS (Cont'd)

AP Pre-Calculus **5 credits, full-year**

Pre-calculus focuses on thoroughly preparing students for Calculus with a very “hands-on” approach to learning. The course content includes functions and graphs, polynomial functions, rational functions, exponential and logarithmic functions, trigonometric functions, solving polynomial equations, optimization problems, arithmetic and geometric sequences and series. *Prerequisite: Algebra II*

Math Problem Solving **5 credits, full-year**

This course is designed to give students the opportunity to apply their math skills to solve problems and increase their fluency with math.

College Algebra II **Dual Enrollment** **5 credits, full-year**

This is a Dual Enrollment course in partnership with Howard University. College Algebra is a course on the foundations of Algebra. College Algebra is a significant course for all college students going into science and math. This class sets scholars up for success before they even get to college. This course ranges from topics in quadratic equations to sequences and series. Scholars that succeed in this course will receive 3 college credits from Howard University.

AP Statistics Δ **5 credits, full-year**

Statistics is the science of data; it is a way of reasoning, along with a collection of tools and methods, designed to help us understand the world. Statistics helps us to humanize mathematics. Many economic, social, political, and military decisions cannot be made without statistical techniques, such as the design of experiments to gain Federal approval of a newly manufactured drug (American Statistical Association). The AP Statistics Course is a fun course filled with daily real-world applications. The course is comprised of four main components: data analysis, data collection, probability, and statistical inference. *Prerequisite: Algebra II*

AP Calculus AB **5 credits, full-year**

This is a year-long elective course designed as a college level Calculus I course, and is intended for the college-bound student to adequately prepare them for the AP Calculus AB exam. Students are exposed to work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal. They will understand the connections among these representations, understand the meaning of the derivative in terms of a rate of change and local linear approximation and use derivatives and integrals to solve a variety of problems. Students will also learn analytical skills that will serve them well in all future math courses, such as communicating mathematics both orally and in well-written sentences to explain solutions to problems, modeling a written description of a physical situation with a function, a differential equation, or an integral, using technology to help solve problems, and determining the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement. *Prerequisite: Pre-Calculus*

AP Calculus BC **5 credits, full-year**

AP Calculus BC focuses on functions represented in a variety of ways: graphical, numerical, analytical, or verbal. Students understand the connections among these representations, understand the meaning of the derivative in terms of a rate of change and local linear approximation and use derivatives and integrals to solve a variety of problems. Students also learn analytical skills that will serve them well in all future math courses, such as communicating mathematics both orally and in well-written sentences to explain solutions to problems, modeling a written description of a physical situation with a function, a differential equation, or an integral, using technology to help solve problems, and determining the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement. This course is a year-long elective and is taught as a two-period double-block. Students must also be willing to commit to afterschool work throughout the year. The course culminates with students taking the AP Calculus BC exam.

PHYSICAL EDUCATION & HEALTH

Students are required to take Physical Education and Health each year while a student at Newark Lab High School as per the New Jersey State High School graduation requirements. The physical education portion of each course provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities. The health portion of each course includes personal health (nutrition, mental health, stress management, drug/alcohol abuse prevention, disease prevention, and first aid), environmental health, personal development, and /or community resources.

Physical Education & Health I

3.75 credits, full-year, 3 days per week

Prerequisites: None

Physical Education & Health II

3.75 credits, full-year, 3 days per week

The health portion of this course is replaced with Driver's Education. At the end of the course students are given the opportunity to complete the written exam needed to obtain a New Jersey learner's permit. *Prerequisites: Physical Education & Health II*

Physical Education & Health III

5 credits, full-year

Prerequisites: Physical Education & Health II

Physical Education & Health IV

5 credits, full-year

Prerequisites: Physical Education & Health III

College Health

Dual Enrollment

3 credits, full-year, 3 days per week

This is a Dual Enrollment course in partnership with University of Pennsylvania. The course at UPENN is called Grit Lab: The Psychology of Passion, Perseverance and Success. Scholars selected to participate in this course will gain critical knowledge about interest, purpose, growth mindset, practice, feedback, and more—and will have the opportunity to apply these insights to their own life. Scholars that succeed in this course will receive 3 college credits from University of Pennsylvania.

SCIENCE

Physics

5 credits, full-year

This course provides students with a modern view of the fundamental concepts of physics. The major topics covered are mechanics, energy, electricity and magnetism, and waves. Students are expected to have a basic algebra background with the ability to solve single variable and literal equations. This class includes extensive laboratory work and written lab reports.

Chemistry

5 credits, full-year

Chemistry will give students the knowledge needed to explain the natural and man-made world. The first year chemistry course focuses on developing basic conceptual understanding of chemical concepts. Lessons will be geared to enhance and apply mathematical skills and critical thinking. Class will involve a weekly laboratory component in which students will learn specific laboratory skills as well as analyze qualitative and quantitative data. Major themes in this course include matter, nuclear chemistry, the periodic table, bonding, reactions, and stoichiometry.

Biology

5 credits, full-year

Biology is devoted to the study of living things and their processes. Students will learn about basic biological functions and ecological relationships that maintain and disrupt homeostasis in our natural world. The course also focuses on fundamental analytical, quantitative, and critical reasoning skills necessary to effectively communicate scientific thought. Topics include cell structure and function, genetics and heredity, evolution through natural selection, diversity of living organisms and their ecological roles, and an introduction to animal structure and function.

SCIENCES (Cont'd)

AP Physics 1 **5 credits, full-year**

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, electrostatics, and introductory electrodynamics/simple circuits. *Prerequisite: Algebra II*

AP Chemistry **5 credits, full-year**

AP Chemistry is an advanced college-level chemistry course that is designed to be the equivalent of the general chemistry course usually taken during the first college year. The course provides students with a foundation in the fundamental concepts of chemistry, including atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students also learn to design and carry out experiments, analyze and interpret data, and communicate their results in a scientific manner.

Human Anatomy & Physiology **5 credits, full-year**

Human Anatomy and Physiology is a rigorous science class that takes an in-depth look at the systems of the human body. You will learn about the structures of the human body and how these correlate to their functions. We will look at all levels of organization, from the smallest atom to the entire organism. One focus of this course is the body's ability to maintain homeostasis as we learn how these structures work together in order to sustain life. While an understanding of anatomy and physiology is of course, fundamental to any career in health care, it will also benefit you personally. It will give you insights into your own health, help you understand how your body works, and help you make good decisions about nutrition, medications, and procedures.

WORLD LANGUAGES

Spanish 1 **5 credits, full-year**

Spanish 1 is taught by optimizing immersion using the TPRS® method. Our class activities are designed to provide students with many opportunities to be involved in the Spanish language at or just above their level of understanding. Each language- building activity is designed to introduce or strengthen the understanding of high frequency words and phrases in Spanish.

Spanish 2 **5 credits, full-year**

Spanish 2 is taught by optimizing immersion using the TPRS® method. This second year course teaches students to be able to survive in a Spanish speaking country. Students will be able to handle simple conversations and ask and answer questions. *Prerequisite: Spanish 1*

Spanish 3 **5 credits, full-year**

In this course, students will further their ability to communicate in Spanish. In doing so they will develop their abilities to understand written and spoken Spanish and make progress in their ability to write and speak in Spanish. In addition, students will explore several Hispanic cultures. Students will develop their ability to draw connections between themselves, the Spanish speaking world, and Spanish texts. Any junior or senior in this level course could be eligible for the World Language trip offered that year. *Prerequisite: Spanish 2*

KIPP NEWARK HIGH SCHOOLS GRADUATION REQUIREMENTS

The state of New Jersey requires that students complete 120 credits of coursework to graduate. KIPP Newark encourages all students to complete 4 years of core academic subjects (English, math, science, and history), two years of a world language, and 10 hours of community service each year. Students who meet these additional requirements receive a KIPP Newark High School Diploma, which recognizes their completion of a full, college preparatory course of study.

NJ STATE DIPLOMA (120 CREDITS)

COURSE SECTION	# OF CREDITS	TOTAL # OF YEARS
Language Arts Literacy	20	4
Mathematics	15	4
Science	15	4
Social Studies	15	4
Health/Physical Education	15	4
Visual/Performing Arts	5	2
World Language	5	1
21st Century Careers	5	1
Finance	2.5	½ Year
Electives	22.5	Varies

KIPP NEWARK HIGH SCHOOLS DIPLOMA (140 CREDITS)

COURSE SECTION	# OF CREDITS	TOTAL # OF YEARS
Language Arts Literacy	20	4
Mathematics	20	4
Science	20	4
Social Studies	20	4
Health/Physical Education	15	4
Visual/Performing Arts	5	2
World Language	10	1
21st Century Careers	5	1
Finance	2.5	½ Year
Electives	22.5	Varies

GPA SCALE

STANDARD SCALE LETTER	POINTS	PERCENT	HONORS SCALE LETTER	POINTS	PERCENT
A +	4.3	≥ 97%	A+	4.5	≥ 98%
A	4	93 - 96%	A	4.5	90 - 97%
A-	3.7	90 - 92%	B+	4.17	87 - 89%
B+	3.3	87 - 89%	B	3.83	83 - 86%
B	3	83 - 86%	B-	3.5	80 - 82%
B-	2.7	80 - 82%	C+	3.17	77 - 79%
C+	2.3	77 - 79%	C	2.83	73 - 76%
C	2	73 - 76%	C-	2.5	70 - 72%
C-	1.7	70 - 72%	D+	1.8	67 - 69%
D	1	60 - 69%	D	1.5	60 - 66%
F	0	<60%	F	0	<60%



HIGH SCHOOL TRANSITION TIMELINE

December - January	<ul style="list-style-type: none"> Attend a KIPP Newark open house and receive your information packet All Intent to Enroll forms are due by January 26th
February	<ul style="list-style-type: none"> 9th grade lottery to determine campus placement
March	<ul style="list-style-type: none"> All scholars are notified of their campus placement
April - June	<ul style="list-style-type: none"> Students attend high school preview events, including sports games & mixers Families attend Commitment Meetings Students register for high school courses



KIPP:NEWARK
NEWARK COLLEGIATE ACADEMY

129 Littleton Avenue
Newark, NJ 07103
973-624-1622



KIPP:NEWARK
NEWARK LAB HIGH SCHOOL

18 Norfolk St.
Newark, NJ 07103
973-757-1501

KIPP:NEWARK
HIGH SCHOOLS

For general questions email: KIPPNJHighSchools@kippnj.org