Glassboro Public Schools

MEMO

To: Dr. Mark Silverstein, Superintendent of Schools

From: Danielle M. Sochor, Interim Director of Curriculum and Instruction

Date: December 17, 2019

Re: Action Memo
    December 18, 2019 Board Meeting

Request Board approval to collaborate with Rowan University on the following:

Rowan is applying for a Department of Education (DOE) grant, entitled "Expanding Access to Computer Science Education" in collaboration with faculty from the Department of Computer Science (CS), in the College of Science and Mathematics. Rowan University will be serving as the lead CED (College of Education) STEAM faculty member.

Glassboro's participation in this grant will provide teachers with opportunities to learn, and select, appropriate CS pedagogical materials for K-12 classrooms. Teachers will be able to connect pedagogical materials to the NJ State standards, incorporating the Computer Science standards, and creating interdisciplinary lesson plans across the P-12 curriculum. The grant will also create a CS hub (Rowan's Computer Science hub) that provides resources and support to the partnering schools. CS hubs will foster a learning community of educators and build a library of modules to be easily integrated into the classroom.

Flexible types of professional development and blended professional learning options will be provided. Please see the attached for your reference.

The Rowan University Computer Science Hub (RUCSH)

The NJDOE Expanding Access to Computer Science Education: Professional Learning grant opportunity is designed to establish 3 Computer Science (CS) hubs in New Jersey (one in Northern NJ, one in central NJ, and one in southern NJ), with the expectation of serving 3,000 students total across the three hubs during the grant period. We believe that the combined forces of Rowan's Departments of Computer Science and STEAM Education are able to provide the strongest support for Southern NJ Educators.

- **What RUSCH Would Offer to Partner Districts:**
  - Free Professional Development (PD) workshops in Summer 2020 with additional follow-up during the 2020-2021 school year
  - Curriculum aligned to CSTA CS Standards and NJ DOE Standards
  - Options for most PD to be delivered at your school or on the Rowan Campus
  - Summer Stipends for educators or Graduate Credits for educators or Reimbursement for subs
  - Free Online support (both from Code.org and RUSCH)
  - Free RUCSH mentor support by phone/skype

- **What RUSCH is Expecting of Our Partners:**
  - **A commitment to integrate some or all of the material into your 2020-2021 curriculum or extra-curricular activities so that we can reach a minimum of 5% of the students in your district**
  - Participate in data collection about the program for reporting to NJDOE
  - Participating educators commit to attend all meetings of a given PD workshop.
  - Participating districts commit to allow PD participation during school year
  - Permission to invite out-of-district teachers to attend PD in your district (space-permitting)
  - Permission for us to publish and present the results of this work in grant applications to support future RUCSH programs or in further academic research (following IRB review as appropriate)

We have four potential partnership opportunities:
1. Renovate your curriculum: Prepares educators to update your K-5 or 6-10 or 9-12 curricula with material developed by code.org and aligned to national CS Standards
2. Augment your curriculum with hands-on learning: Completion of PD gives educators access to equipment like robots and raspberry pis in our lending library to use in the classroom or in extra curricular activities
3. Prepare for Programming: Prepares non-CS STEM teachers to teach a Programming 1 course in Java (possibility of Master's Credits)
4. Prepare for AP CS-A: Prepares current teachers of programming classes (in any language) to teach the AP CS-A class in Java - (possibility of Master's Credits)

We can't afford to do them all so we are reaching out to potential partners to see what would be most valuable to you. We are giving you **12 "dollars" to allocate among the 4 opportunities above**. Tell us how your district would prefer to spend them - if you like all 4 ideas equally then allocate each one $3. If you love a single one you can give it all $12. Please let us know ASAP if you are interested in partnering with us and if so, how you would spend your "dollars."

Additional Details:

- **Option 1: Renovate your curriculum**
  - Summer PD for educators (2-5 days depending on grade level) plus up to 4 weekends during the school year
    - Option 1.1: Grades K-5
    - Option 1.2: Grades 6-10
    - Option 1.3: Grades 10-12 (Includes optional Advanced Placement (AP) Component)
  - No prerequisite knowledge required
  - Ongoing support throughout the school year
  - Extensive coverage of CSTA CS K-12 Standards
  - Expectation that you would integrate significant portion of the curriculum into your classes in 2020-2021
  - Option 1 is based on the code.org curricula. We have more details on option 1 below

- **Option 2: Augment your curriculum with hands-on learning: CS Equipment Lending Library:**
  - Grades K-12
  - Robots, Raspberry Pi's, Microbits, Android Tablets, etc.
  - Summer and mid-year PD for educators - Take our PD to learn how to use the equipment, then you are eligible to borrow a classroom set for 3-4 weeks during the school year
  - Some workshops require prior CS experience, others have no prerequisites.
  - Selective coverage of CSTA CS K-12 Standards
  - Ongoing support throughout the school year
  - Expectation that you would integrate the content into your classes or extracurricular activities in 2020-2021

- **Option 3: Prepare for Programming: Introduction to Java Programming:**
  - Approx 4(?) weeks of intensive summer training on campus at Rowan in App Inventor and Java leading to 4(?) MS credits (??) plus ongoing support during the academic year
  - Expectation that participants would teach a programming course in Java at your school in 2020-2021
  - Prerequisite: Mathematical proficiency through calc 1

- **Option 4: Train the Trainer: Advanced Java Programming**
  - Approx 4(?) weeks of intensive summer training on campus at Rowan in Java leading to 4(?) MS credits (??) plus ongoing support during the academic year
  - Additional 1 week of College Board AP CS-A Workshop
  - Expectation that you would offer AP CS-A at your school in 2020-2021
  - Prerequisites: Experience teaching programming (in any language)

Even more details on Option 1

Option 1.1: K-5: Code.org CS Fundamentals for Elementary Schools

- An introductory semester or full-year course that empowers students to engage with computer science as a medium for creativity, communication, problem solving, and fun! More about CS Fundamentals
- PD: 2 days in summer PD (one from code.org, one from RUSCH), plus 2-4 afternoons during the school year (all from RUSCH)
- Standards Alignment with CSTA CS Standards (with additional cross curricular opportunities in CCELA & Math and NGSS):
    - Click on "Expand All" at top of Curricular Alignment page

Option 1.2: Grades 6-10: Code.org CS Discoveries

- An introductory full-year computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. Could be used for an AP class or as a standalone college prep class. More about CS Discoveries
- PD: 5 days of summer plus 4 Saturdays during the school year (all from code.org)
- Standards Alignment Curricular Alignment with CSTA CS Standards:
    - SCROLL half-way down the page, then Click on "Expand All" on the Curricular Alignment page

Option 1.3: Grades 9-12: Code.org CS Principles

- Computer Science Principles covers many topics including the Internet, Big Data and Privacy, and Programming and Algorithms. The curriculum is flexible to be taught as an AP or non-AP course. More about CS Principles
- PD: 5 days in summer plus 4 Saturdays during the school year (all from code.org)
- Standards Alignment: Curricular Alignment with CSTA CS Standards:
    - Click on "Expand All" on the Curricular Alignment page

Notice of Grant Opportunity

Expanding Access to Computer Science Education: Professional Learning

20-CZ03-H07

Dr. Lamont Repollet

Commissioner of Education

Dr. Linda Eno

Assistant Commissioner

Division of Academics and Performance

Dr. David Greer

Deputy Assistant Commissioner

Division of Academics and Performance

November 2019

ORG/APU 5063-349

Application Due Date: December 17, 2019

New Jersey Department of Education

P.O. Box 500

Trenton, NJ 08625-0500

State Board of Education

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Dr. Lamont Repollet, Acting Commissioner

Secretary, State Board of Education

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When responding to this Notice of Grant Opportunity (NGO), applicants must use the Electronic Web Enabled Grant (EWEG) online application system on the New Jersey Department of Education's Homeroom webpage. Please refer to the NJDOE's Discretionary Grants web page for the NGO and (click on available grants) for information on when the EWEG application will be online.

Section 1: Grant Program Information

1.1   Description of the Grant Program

Introduction

The New Jersey Department of Education (NJDOE) recently created a Computer Science (CS) education State plan. The State plan highlights the NJDOE's commitment to promoting equitable access to high-quality computer science education for all K-12 students. Ensuring that each student has access to high-quality computer science educators is a requirement for fulfilling this commitment. Among key initiatives outlined in the State plan are: providing educators at all stages of their careers, including pre-service and in-service teachers and school leaders access to differentiated and sustained professional learning; defining and developing computer science teacher preparation programs; and extending the NJDOE's capacity to support computer science education by building and leveraging key partnerships with stakeholders. The NJDOE offers this Notice of Grant Opportunity (NGO) program in support of the mission and vision outlined in the State plan and in fulfillment of New Jersey's $2 million budget appropriation to continue the "Computer Science for All" initiative.

Below is the definition of computer science as defined in the State plan:

> "*Computer science* means the study of computers and algorithmic processes and includes the study of computing principles and theories, computational thinking, computer hardware, software design, coding, analytics, and computer applications.
>
> Computer science often includes computer programming or coding as a tool to create software, including applications, games, websites, and tools to manage or manipulate data; or development and management of computer hardware and the other electronics related to sharing, securing, and using digital information.
>
> In addition to coding, the expanding field of computer science emphasizes computational thinking and interdisciplinary problem-solving to equip students with the skills and abilities necessary to apply computation in our digital world. Using a computer for everyday activities such as browsing the internet; using tools like word processing, spreadsheets, or presentation software; or using computers in the study and exploration of unrelated subjects is not computer science."

Purpose of this NGO

The purpose of this NGO is to expand access and opportunities for educators to participate in high-quality professional learning experiences in computer science (CS) education by establishing programs at New Jersey-based Intuitions of Higher Education (IHE) to accomplish the following outcome:

- Establish a network of CS hubs at geographically distributed New Jersey-based IHEs to provide high-quality professional learning opportunities to K-12 educators at all stages of their careers

and promote the expansion of CS education at partner school districts. High-quality educators are a prerequisite to fulfilling the promise of equitable access to high-quality computer science education for all K-12 students.

This is a seventeen (17) month grant program – April 1, 2020 to August 31, 2021. The program invites proposals that will lead to establishing CS hubs at New Jersey-based IHEs to provide high-quality computer science professional learning to educators in the region and promote the expansion of CS education at partner school districts.

The CS hubs will participate in a CS state-wide professional learning network to extend the NJDOE's capacity to support CS education by building and leveraging key partnerships with stakeholders. Approximately 3,000 students will receive equitable high-quality computer science education as a result of implementing three CS hubs during the grant period. The number of students impacted by the awards will continue to increase each subsequent year during the career life span of the educators receiving professional learning at the CS hubs. The NJDOE expects to make three awards. Applicants may apply for up to $265,000 each.

The programs developed will benefit all K-12 students and educators. A partnership with a school that receives Title I funds is an eligibility requirement for all applicants.

Goals of the Expanding Access to Computer Science: Professional Learning Grant

The plans and structures developed by grant applicants will satisfy the following program goals:

1. Increase the number of well-prepared, high-quality educators to teach computer science;

2. Expand equitable access to high-quality computer science education for all K-12 students;

3. Provide resources to schools and school districts to assist in expanding computer science education across grades K to 12 in the classroom or through extra-curricular activities.

1.2   Eligibility to Apply

The "Expanding Access to Computer Science: Professional Learning" grant program is a limited competitive grant program open to two-year and four-year NJ institutions of higher education (IHEs). Eligibility to apply is outlined below:

An eligible IHE must apply on behalf of a partnership that includes, a minimum of three (3) NJ school districts, including at least one school that is designated a Title I school. A list of schools that receive Title I funding can be found in Appendix A. The partnership with three school districts eligibility requirement is intended as evidence of the applicant's ability to engage schools and school districts. It is expected that each hub will service a much higher number of schools and school districts during the grant period.

An eligible IHE will serve as the lead agency of the partnership and may submit only one (1) application. The location of the IHE will determine the regional designation. It is expected that the partnering LEAs will be located in the same region as the IHE. A partner LEA may only participate in one (1) application.

Applicants must upload completed and signed Documentation of Eligibility (Attachment A) and Affirmation of Partnership (Attachment B) forms as part of their EWEG grant application.

For the purposes of this proposals, New Jersey is geographically divided into three regions (North, Central and South). The chart below indicates the counties located within each of the three regions.

Regional Distribution of New Jersey Counties

Northern Region	Central Region	Southern Region
• Bergen County • Essex County • Hudson County • Morris County • Passaic County • Sussex County • Warren County	• Hunterdon County • Mercer County • Middlesex County • Monmouth County • Union • Somerset County	• Atlantic County • Burlington County • Camden County • Cape May County • Cumberland County • Gloucester County • Ocean County • Salem County

The NJDOE expects to make three awards provided there are enough applications with a passing score. The NJDOE will ensure that at least one award is made in each region in rank order, provided there are enough applications with a passing score in each region. All other awards will be made in rank order by score regardless of region until either funds are exhausted or no applications with passing scores remain. in rank order by score.

1.3   Federal Compliance Requirements (DUNS, SAM)

In accordance with the Federal Fiscal Accountability Transparency Act (FFATA), all grant recipients must have a valid Data Universal Numbering System (DUNS) number and be registered with the federal System for Award Management (SAM), the successor to the federal Central Contractor Registration (CCR) database. DUNS numbers are issued by Dun and Bradstreet and are available for free to all entities required to register under FFATA.

- To obtain a DUNS number, applicants must go to the Dun & Bradstreet website.
- To register with the SAM database, applicants must go to SAM website.

Applicants are required to submit their DUNS number and expiration date of their SAM registration as part of the EWEG application using the appropriate EWEG tab (i.e., Contacts) and must certify that they will ensure their registration will remain active for the entire grant period.

Applicants also must print the "Entity Overview" page from their SAM profile (which displays their DUNS number and street address with ZIP+4 code), and upload a scan of the page using the Upload tab in the grant application.

FFATA Executive Compensation Disclosure Criteria:

In the preceding fiscal year, if an applicant:

- Received at least $25,000,000 in annual gross revenues from federal awards; and

- If at least eight (80) percent of the applicant's annual gross revenues came from federal awards; the applicant is required to disclose the name and total compensation of the five (5) most highly compensated officers of the applicant as part of the grant application.

This information is to be entered using the appropriate EWEG tab (i.e., Contacts). The term "federal award" includes federal contracts, subcontracts, grants, and sub-grants.

No award will be made to an applicant not in compliance with FFATA.

1.4   Statutory/Regulatory Source and Funding

The applicant's project must be designed and implemented in conformance with all applicable state and federal regulations. The Expanding Access to Computer Science: Professional Learning program is 100 percent funded from a FY20 State appropriation [ORG/APU # 5063-349].

Final awards are subject to the availability of state funds. Total funds for the Expanding Access to Computer Science: Professional Learning program are $795,000. If balances are available, or if additional funds become available during the fiscal year, the next highest scoring application(s) above 70 points and that meet the intent of the NGO may become eligible for award.

 The grantee is expected to complete the goal(s) and objectives laid out in the approved grant application, complete implementation activities established in its grant agreement, and make satisfactory progress toward the completion of its approved action plan. Failure to do so may result in the withdrawal by the New Jersey Department of Education (NJDOE) of the grantee's eligibility for the continuation of grant funding. The NJDOE will remove ineligible, inappropriate or undocumented costs from funding consideration.

The project period is April 1, 2020 to August 31, 2021.

1.5   Dissemination of This Notice

The Division of Academics and Performance will make this notice available to eligible applicants listed in section 1.2 based upon the eligibility statement, to the Office of Comprehensive Support Team Leaders and to the county superintendents of the counties in which the eligible agencies are located.

Additional copies of the NGO are also available on the NJDOE's Discretionary Grant web site or by contacting the Division of Academics and Performance at the New Jersey Department of Education, River View Executive Plaza, Building 100, Route 29, P.O. Box 500, Trenton, NJ 08625-0500; telephone (609) 376-3917; fax (609) 943-5202.

Notification of Intent to Apply

In order to gauge interest in this grant program, the NJDOE requests any IHEs interested in applying as a lead agency to send an email Christopher.cox@doe.nj.gov on or before December 2, 2019. No confirmation of the email will be provided. Potential applicants will not lose the opportunity to apply if they do not submit a notification of their intent to apply.

1.6   Technical Assistance

The Technical Assistance Workshop will be held on November 25, 2019 at the NJ Department of Education, 100 River View Plaza, Trenton, NJ. Preregistration is required by November 22, 2019. Please register online. Registrants requiring special accommodations for the Technical Assistance Workshop should identify their needs at the time of registration.

1.7   Application Submission

The NJDOE administers discretionary grant programs in strict conformance with procedures designed to ensure accountability and integrity in the use of public funds and, therefore, will not accept late applications.

The responsibility for a timely submission resides with the applicant. The Application Control Center (ACC) must receive the completed application through the online Electronic Web Enabled Grant (EWEG) system access through the NJDOE Homeroom web page **no later than 4:00 P.M. on Tuesday, December 17, 2019**. Without exception, the ACC will not accept, and the Office of Grants Management (OGM) cannot evaluate for funding consideration, an application after this deadline.

Each eligible applicant must have a logon ID and password to access the system. Non-LEA applicants should send an email request for the EWEG help desk. Please allow 24 to 48 hours for the registration to be completed.

Please direct questions regarding access to EWEG to the EWEG help email account.

The NJDOE advises applicants to plan appropriately to allow time to address any technical challenges that may occur. Additionally, applicants should run a consistency check at least 24 hours before the due date to determine any errors that might prevent submission of the application. Applicants are advised not to wait until the due date to submit the application online as the EWEG system may be slower than normal due to increased usage. Running the consistency check does not submit the application. When the consistency check runs successfully, a submit button will appear. Once the submit button is clicked, the application may not be edited, additional information may not be submitted, and the application can no longer be accessed or returned. **Please Note: The submit button in the EWEG system will disappear as of 4:00 PM on the due date**.

Complete applications are those that include all elements listed in Section 3.3, Application Component Checklist of this notice. Applications received by the due date and specified time will be screened to determine whether they are, in fact, eligible for consideration. The New Jersey Department of Education (NJDOE) reserves the right to reject any application not in conformance with the requirements of this NGO.

Paper copies of the grant application will not be accepted in lieu of the EWEG application. Applications submitted via FAX will not be accepted under any circumstances.

1.8   Reporting Requirements

Grant recipients must submit periodic project and fiscal progress reports. All reports will be submitted through the EWEG system. Reports for this program will be due as follows:

Report	Reporting Period	Due Date
1st Interim	April 1, 2020 to June 30, 2020	July 31, 2020

Report	Reporting Period	Due Date
2nd Interim	April 1, 2020 to September 30, 2020	October 31, 2020
3rd Interim	April 1, 2020 to December 31, 2020	January 31, 2021
4th Interim	April 1, 2020 to March 31, 2021	April 30, 2021
5th Interim	April 1, 2020 to June 30, 2021	August 30, 2021
Final	April 1, 2020 to August 31, 2021	September 30, 2021

1.9   Assessment of Statewide Program Results

Over the 17-month grant period, the Division of Academics and Performance will require ongoing reporting and data submission in order to monitor progress in meeting the goals of the grant. All grant recipients will be required to submit a narrative of the project's accomplishments, challenges, and problematic fiscal issues to date, in accordance with the project plan. The reporting and data submission requirements will *minimally* include the following:

- The number and type of Computer Science (CS) professional learning opportunities/events offered to educators;
- The number of educators and school districts in attendance at professional learning events;
- The number of school districts implementing or improving computer science programs as a result of attending professional learning;
- The number of students benefiting from the educators' attendance to professional learning, including students with special needs, English Language Learners (ELLs), students of low socioeconomic status (SES), and students from other underrepresented groups;
- The number and type of CS professional learning opportunities and/or outreach offered to preservice teachers across the disciplines;
- The number of Steering Committee meetings held attended and attendees; and
- The number and types of outreach efforts and/or events to recruit educators and disseminate information regarding CS and the CS professional learning programs offered.

1.10   Reimbursement Requests

Payment of grant funds is made through a reimbursement system. Reimbursement requests for any grant funds the local project has expended are made through the Electronic Web-Enabled Grant (EWEG) system. Reimbursement requests may begin once the application has been marked "Final Approved" in the EWEG system, and the grantee has accepted the award by clicking on the "Accept Award" button on the Application Select page and completing the Grant Acceptance Certificate information.

Only one (1) request may be submitted per month. Grantees must submit their request no later than the 15th of the month. The requests may include funds that will be expended through the last calendar day of the month in which reimbursement is requested. If the grantees' request is approved by the NJDOE program officer, the grantee should receive payment around the 8th to the 10th of the following month.

Note: Payments cannot be processed until the award has been accepted in EWEG.

The last day a reimbursement may be requested in EWEG is July 21, 2021.

The last day a budget modification may be submitted in EWEG is May 31, 2021.

Section 2: Project Guidelines

The intent of this section is to provide the applicant with the framework within which it will plan, design, and develop its proposed project to meet the purpose of this grant program. Before preparing applications, potential applicants are advised to review Section 1.1, Description of the Grant Program, of this NGO to ensure a full understanding of the state's vision and purpose for offering the program. Additionally, the information contained in Section 2 will complete the applicant's understanding of the specific considerations and requirements that are to be considered and/or addressed in their project.

Please note that the passage of N.J.A.C 6A:23A-7 places additional administrative requirements on the travel of school district personnel. The applicant is urged to be mindful of these requirements as they may impact the ability of school district personnel to participate in activities sponsored by the grant program.

2.1   Project Design Considerations

The "Expanding Access to Computer Science: Professional Learning" grant is intended to enable grantees at two-years and four-years New Jersey-based Institutions of Higher Education (IHE) to expand and support computer science education by implementing Computer Science (CS) Professional Learning Hub programs.

The projects awarded through this NGO may be considered as development projects to identify best practices, model policies and programs and innovative strategies to support equitable access to computer science education for all K-12 students. The intent is to provide the state with successful models that can be implemented to promote equitable access to computer science education for all K-12 students. Each grant recipient will become part of the state's K-12 CS education support network and is expected to collaborate with the NJDOE and the other grant recipients to advance the "Expanding Access to Computer Science: Professional Learning" grant goals outlined in section 1.1 of this NGO.

Successful programs established with this funding must be sustainable beyond the end of the grant period. Proposals must include a plan to move towards sustainability through other funding mechanism, for example federal grants, within three years.

This 17-month program will consist of an initial planning period from April 1, 2020 to June 30, 2020, with the subsequent grant implementation period taking place from July 1, 2020 to August 31, 2021.

Essential Elements

Applications must outline a plan to establish, manage, and sustain a CS hub at a New Jersey-based IHE to provide high-quality computer science professional learning to educators in the region and promote the expansion of CS education at school districts. The professional learning provided should include teachers, school administrators, and other stakeholders who can promote access to K-12 education for all students in school districts. The CS hubs may not charge a fee for their services.

CS hubs funded through the grant program will participate in a CS state-wide professional learning network and partner with the NJDOE in support of CS education. The CS hubs are expected to

collaborate with the NJDOE and the other CS hubs by sharing resources and information to promote professional learning and assist school districts in implementing computer science initiatives.

A steering committee consisting of the NJDOE's CS Specialist or delegate, one or more representatives from each CS hub, and other K-12 CS stakeholders will be established. A representative from each CS hub will be required to attend steering committee meetings during the 17-month grant period. A representative from each participating school district will also be required to attend quarterly steering committees during the grant period. Some of the meetings may be virtual.

Research indicates that high-quality professional learning is sustained (not stand-alone, 1-day, or short-term workshops), intensive, collaborative, job-embedded, data-driven, and classroom-focused (Desimone, 2011). Professional learning programs developed by the CS hubs should be directed at engaging schools and school districts and include options for coaching support.

Recruitment efforts should be focused on individual educators who have administrative support to implement CS in the classroom, schools and school districts. Partnerships with schools and school districts should include promoting the implementation of computer science education across grades K-12 in the classroom and/or through extra-curricular activities.

Data on the outcomes of the professional learning for the participating educators, students, schools and school districts must be collected during the grant period. The data collected must be sufficient to satisfy the assessment requirements described in section 1.9 of this NGO and include the number of students gaining access to computer science education as a direct result of the professional learning provided to educators by the hubs.

Professional learning and activities implemented as a result of this funding must address the New Jersey Student Learning Standards.

Proposals must include:

- Description of the structure of the CS Hub to be created including project team, management, staff capacity, staff qualifications and facilities;

- Description of the professional learning experiences to be offered such as, but not limited to targeting elementary, middle, and high school teachers and school/district leadership; building community support through stakeholder engagement; designing computer science programs for girls and minority students; and developing family computer science nights. Professional learning provided must differentiate instruction to address the needs of both experienced and new computer science teachers and include support for Advanced Placement Computer Science A and Advanced Placement Computer Science Principles teachers;

- Provisions for extending the professional learning throughout the school year through community of practice meetings and coaching is required;

- Many K-12 curricula and related professional learning models have been developed through National Science Foundation grants and other sources in the last five to ten years. Wherever possible, the use of nationally vetted K-12 CS curriculum for professional learning is preferable to writing new curriculum. Examples of nationally vetted CS curriculum by grade level are shown on

the table below (Table 1):

Table 1

K to 5	6 to 8 or Pre-AP 9 to 12	HS AP
Code.org CS Fundamentals	Code.org CS Discoveries	Code.org AP CS Principles
Google CS First	Carnegie Mellon University CS Academy CS-1	Beauty and Joy of Computing (BJC) CS Principles
CSNYC/CSforAll	TEALS – Intro to CS	TEALS – AP CS Principles
	Exploring Computer Science (ECS)	Mobile CS Principles
	CSNYC/CSforAll	

- Projected number of schools, districts and educators to be serviced by the CS Hubs and the number of students to benefit from access to high-quality CS education as a result of the program. Evidence of partnership with three schools/school districts is a minimum eligibility requirement. It is expected that each hub will service a much higher number of schools and school districts during the grant period;

- Proposed schedule for delivering professional learning programs including time of delivery, for example after school, during the school day, weekends or summers. All sites are expected to offer flexible types of programs which include, in-person, asynchronous or blended professional learning options;

- Summary of leading IHE's previous experience at delivering and sustaining K-12 CS professional learning;

- Affirmation of partnerships from three school districts in the CS Hub's designated region, including at least one Title I designated school (see appendix). The partnering schools and school districts will support their educators in attending professional learning and commit to expanding K-12 computer science education through establishing new courses, infusing computer science in existing courses, or promoting extra-curricular computer science related activities; and

- Detailed plan describing activities leading to:

  o Recruitment and engagement of schools, school districts and educators in designated region;

  o Creating or utilizing an existing community of practice to support the educators served by the Hub in extending their professional learning;

  o Organizing and delivering two outreach events during the 17-month period of the grant. The event may be a collaboration between multiple CS Hubs. Examples of outreach events are family nights, informational sessions for administrators, counselor for computing events,

regional girls who code regional meetups, programming competitions, informational webinars and conferences;

o   Supporting school districts in establishing CS based after school clubs or activities, such as Girls Who Code clubs, Robotics or CS clubs;

o   Data collection, evaluation, continuing improvement and reporting on the CS Hub program. The data collected must satisfy the assessment requirements listed in section 1.9 of this NGO;

o   Development and maintenance of a web repository containing information on all computer science education news, events, and professional learning opportunities available at the CS Hub. The web repository must be maintained during the 17-month grant period. The web repository must be accessible as per federal requirements. A template will be provided. A link to the CS Hub web repository will be posted on the NJDOE's Computer Science web page;

o   Collaborations with other CS Hubs to leverage the strengths of each individual CS Hub, for example through sharing resources, staff or assisting each other in building capacity; and

o   Moving towards sustainability through applying for other funding mechanism, for example federal or NSF grants within three years.

Optional Element (5 bonus points)

Competitive advantage will be given to CS Hub proposals that include a clear and measurable plan for incorporating the following *optional* element:

*   Collaboration between IHE computer science and education faculty leading to infusing elements of CS professional learning into existing teacher preparation programs across the disciplines. Plans for disseminating information and outcomes must be included in proposal.

Please note that competitive advantage points cannot be used to reach the 70-point threshold required for an application to be eligible for an award. Competitive advantage points can only be awarded to proposals with a score of 70 or above.

Applications including this optional element must also submit an Affirmation of Faculty Collaboration form (Attachment C) as an upload to the EWEG application.

2.2   Project Requirements

Project Abstract

The Project Abstract is a (250- 300 words) summary of the proposed project's need, purpose, and projected outcomes. The proposed project and outcomes must cover the full 17-month grant period. Do not include information in the abstract that is not supported elsewhere in the application.

Statement of Need: (5 points)

The Statement of Need identifies the local conditions and/or needs that justify the project proposed in the application. A "need" in this context is defined as the difference between the current status and the outcomes and/or standard(s) that the school would like to achieve.

For the "Expanding Access to Computer Science: Professional Learning" grant:

- Describe the current levels of student access to K-12 computer science education in the partner school districts;

- Describe the target population to be served, including the grade levels and ages of the students to be served;

- Describe the programming that will take place to enable all students to meet the New Jersey Student Learning Standards and address student achievement;

- Provide documentation to substantiate the stated conditions and/or needs. Documentation may include, but is not limited to, demographics, test data, descriptions of target population(s), student data, personnel data and research; and

- Do not attempt to address problems that are beyond the scope of the grant program.

Project Description: (35 points)

Describe in a detailed narrative the complete 17-month project design and plan for implementing the project. Provide assurance that the strategies or activities are of sufficient quality and scope to ensure equitable access and participation among all eligible program participants. Provide evidence that the project is appropriate for and will successfully address the identified needs of the schools, school districts, educators and students served. Describe the effect the project will have on the school, school district, educators and students upon completion. When possible, cite examples of how the approach or different strategies have led to success for other schools, districts, educators and students.

- Include specific examples of systems, curriculum or design approaches that will be incorporated.

- Include justification for identifying this as an area to improve and the plan to make this transition.

- Include benchmarks for the early, middle and final stages of the process and how progress will be measured towards these benchmarks.

- Identify who will be responsible for what stages and what level of support they will be given.

- Write clearly and succinctly, focusing on quality and not quantity.

- Ensure that the steps of the Project Activity Plan are well-articulated and logically sequenced in the narrative.

Goals, Objectives and Indicators: (20 points)

Establish one or more local goal(s) for this program. Using the goal(s) create objectives that are (1) relevant to the selected goal, (2) applicable to grant-funded activities, (3) clearly written and (4) measurable. Objectives should clearly illustrate the plan to achieve the goal(s). They must be achievable and realistic, while identifying the *"who, what and when"* of the proposed project. Objectives must be results-oriented, and clearly identify what the project is intended to accomplish. They must contain quantitative information, benchmark(s) and how progress will be measured. Objectives should also link directly to individual stated needs and provide a time frame for completion.

Applications must also include a plan to evaluate the project's success in achieving its goal and objectives. Indicators of success must be established for each project objective. In constructing the indicators, describe the methods that will be used to evaluate the progress toward achievement of the goal and objectives, as well as the overall grant project outcomes. Also, describe in the indicators the measures and instruments to be used, the individuals responsible for developing and conducting the evaluation, and how results will be used to improve project outcomes. Well-constructed indicators of success will help establish a clear understanding of responsibilities and a system of accountability for the project. They will also help to determine whether or not to refine an aspect of the project to ensure overall success.

- Review the Statement of Need before and after constructing the objectives to ensure that the objectives clearly address identified needs.

- Identify the anticipated outcomes of the project in measurable terms and in relation to the stated needs.

- Define the population to be served.

- Identify the timeline for implementing and completing each objective.

- Identify the level of performance expected in order to indicate successful achievement of the objective.

- Make certain to construct measurable indicators of success that directly link to and support project objectives.

Project Activity Plan: (20 points)

The Project Activity Plan follows the goal(s) and objectives that were listed in the previous section. **The Activity Plan is for the entire 17 month grant period.** Activities represent the steps that it will take to achieve each identified objective. Also, the activities that are identified in this section serve as the basis for the individual expenditures that are being proposed in the budget. Review the Goal(s) and the Objectives when constructing the Project Activity Plan to ensure that appropriate links have been established between the goal(s) and objectives and the activities.

- State the relevant objective in full in the space provided. Number the Goal 1 and each objective 1.1, 1.2, 1.3, etc.

- Describe all of the tasks and activities planned for the accomplishment of each goal and objective.

- List all the activities in chronological order.

- Space the activities appropriately across all report periods of the grant project.

- Identify the staff directly responsible for the implementation of the activity. If the individual conducting the activity is not referenced appropriately on the Project Activity Plan, it may not be possible to determine an allocation of the requested cost, and costs may be disallowed.

- List the documentation that tracks the progress and confirms the completion of each activity, such as agenda, minutes, curriculum, etc.

- In the Report Period Column on the Project Activity Plan, indicate with a checkmark the period in which the activity will be implemented. If the activity is ongoing or recurring, place a checkmark in the boxes under each period in which the activity will talk place.

- Do not list the project director or other person with general oversight authority for the project as the "person responsible" for carrying out all activities.

Organizational Commitment and Capacity: (15 points)

After identifying the conditions and/or needs and the plan to address them, next describe the applicant IHE and its capacity to take on the project. First, explain why the project being proposed is important to the lead IHE. Describe the commitment to addressing the conditions and/or needs identified within the partnering districts, including the organizational support that exists for implementing the proposed project.

Explain any experience the organization has had in implementing similar types of projects, as well as the outcomes of those projects. What worked, what did not and why? Explain how previous experiences will ensure successful implementation of the proposed project. If the organization or members of the staff have not implemented similar projects, explain why the proposed project will be successful. Describe all organizational resources (staff, facilities, equipment, funds, etc.) that will support successful project implementation.

2.3   Budget Design Considerations

Once the objectives that will guide the work in the implementation phase of the grant have been prioritized, begin to develop the details of the budget that will be necessary to carry out each activity.

The applicant's budget must be well-considered, necessary for the implementation of the project, remain within the funding parameters contained in this handout, and demonstrate prudent use of resources. The budget will be reviewed to ensure that costs are customary and reasonable for implementation of each project activity.

The applicant must provide a direct link for each cost to the goal, objectives and activities in the Project Activity Plan that provides programmatic support for the proposed cost. In addition, the applicant must provide documentation and details sufficient to support each proposed cost.

Guidance on constructing a grant budget may be found in the Pre-award Manual for Discretionary Grants.

The budget submitted as part of the application is for the entire 17 month grant period.

The Department of Education will remove from consideration all ineligible costs, as well as costs not supported by the Project Activity Plan. The actual amount awarded will be contingent upon the applicant's ability to provide support for its proposed budget upon application and ultimately will be determined by the Department of Education through the pre-award revision process. The applicant's opportunity to make pre-award revisions will be limited by the Department of Education which is not responsible either to provide repeated opportunities for revisions or to permit reallocation of the funds previously requested for costs that have not been approved or have been disallowed.

2.4   Budget Requirements

Budget requests should be linked to specific project activities and objectives of the Expanding Access to Computer Science: Professional Learning grant program.

The provisions of N.J.A.C. 6A:23A-7 contain additional requirements concerning prior approvals, as well as expenditures related to travel. It is strongly recommended that the applicant work with their business administrator when constructing the budget. The NJDOE applies these restrictions uniformly to all grantees. Unless otherwise specified, the following restrictions apply to all grant programs:

- No reimbursement for in-state overnight travel (meals and/or lodging)
- No reimbursement for meals on in-state travel
- Mileage reimbursement is capped at $.35/mile

Eligible costs may include

- Grant Staff Positions – A resume, brief job description and rationale for each position proposed to assist in the management and implementation of the grant program must be provided. Enter the salary requests using the appropriate budget subtabs in the EWEG form
- Marketing Costs – Costs directly related to efforts to recruit districts, teachers or students.
- Administrative costs – Limited to 10%.
- Stipends - For participating educators to attend grant related activities outside of contracted hours (please note that supervisors and curriculum directors may not be compensated through these funds to attend professional development activities).
- Substitute Teachers - Costs related to acquiring substitute teachers for LEA teachers participating in grant-related program activities.
- Travel – For program and LEA staff to travel to grant related events and activities.

Ineligible costs:

- Costs associated with writing the application.
- Supporting the research of individual scholars or faculty members.
- Travel to out-of-state professional meetings, unless it is demonstrated that attendance at a meeting will directly and significantly advance a project.
- Stipends to teachers during regular school contracted days.
- Costs not directly related to the educational program and that are unsupported by the NGO.
- Indirect costs.
- Teacher salaries.
- Entertainment.

Section 3: Completing the Application

3.1   General Instructions for Applying

To apply for a grant under this NGO, applicants must prepare and submit a complete application. The application must be a response to the State's vision as articulated in Section 1: Grant Program Information of this NGO. It must be planned, designed and developed in accordance with the program framework articulated in Section 2: Project Guidelines of this NGO. The applicant may wish to consult additional guidance found in the Pre-Award Manual for Discretionary Grants.

3.2   Review of Applications

Each application will be reviewed and scored by a panel of three readers. Evaluators will use the selection criteria found in Part I: General Information and Guidance of the Pre-award Manual for Discretionary Grants to review and rate the application according to how well the content addresses Sections 1 and 2 in this NGO.

Please be advised that in accordance with the Open Public Records Act P.L. 2001, c. 404, all applications for discretionary grant funds received September 1, 2003 or later, as well as the evaluation results associated with these applications, and other information regarding the competitive grants process, will become matters of public record upon the completion of the evaluation process, and will be available to members of the public upon request.

Applications will also be reviewed for completeness and accuracy. The following point values apply to the evaluation of applications received in response to this NGO. The total point value is 105.

Application Component	Point Value
Statement of Need	5
Project Description	35
Goals, Objectives and Indicators	20
Project Activity Plan (17-months)	20
Organizational Commitment and Capacity	15
Budget (17-months)	5
Competitive Advantage (Optional Element)	5

All applications must score a minimum of 70 points out of 100, or the minimum score established by the sponsoring program office and meet the intent of the NGO to be considered eligible for funding.

Applications which score a minimum of 70 points and include the optional element described in section 2.1 may receive 5 additional competitive advantage points. Competitive advantage points can only be awarded to proposals with base scores of 70 or above.

If an application has been selected for pre-award revisions (PARs), the successful applicant will be notified by the EWEG system via email. Only the personnel listed on the contact page will receive a notification. The successful applicant will be required to initiate the PAR process by accessing the EWEG system, creating an amendment for the application and submitting the amendment through EWEG to the NJDOE. You will not be able to make changes on any of the application pages at this time. Questions on how to submit an amendment should be directed to the EWEG help desk.

3.3   Application Component Checklist

The following components are required (see *Required ✓Column*) to be included as part of the application. Failure to include a required component may result in the application being removed from consideration for funding. Use the checklist (see *Included ✓Column*) to ensure that all required components have been completed in the application.

Required Components in EWEG

EWEG Tab/Subtab	Check (✓) if included
Admin (Contacts, Allocation, Assurance, Board Resolution and DUNS-SAM)	☐
Budget	☐
Narrative (Abstract, Need, Description, Goals/Objectives/Indicators, Activity Plan, Organizational Commitment & Capacity)	☐

Required Components to Upload in EWEG

Component	Check (✓) if included
"Entity Overview" page from the applicant's SAM profile.	☐
Documentation of Eligibility Form (Attachment A)	☐
Affirmation of Partnership Form (Attachment B)	☐
Competitive Advantage: Affirmation of Faculty Collaboration Form (Attachment C)	☐

Attachments

Attachment A - Documentation of Eligibility

Expanding Access to Computer Science: Professional Learning

(This form must be completed, signed and uploaded in the application using the UPLOAD tab.)

List of Eligible Partners (print or type):

Name of Applicant /Lead IHE: _____

Name of LEA (Title I school) Principal Partner: _____

Name(s) of Additional LEA Partners (as applicable)

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By submitting this application, the Lead Agency assures that the partner agencies listed above participated in the preparation and planning of the **Expanding Access to Computer Science: Professional Learning** grant and will participate in the implementation of the grant and program activities.

_____   _____
Signature of Applicant (Lead IHE)/Dean/President   **Date**

Attachment B - Affirmation of Partnership Form

Expanding Access to Computer Science: Professional Learning

(This form must be completed, signed and uploaded in the application for each partner using the UPLOAD tab.)

High-Poverty LEA
Other LEA Partner(s)

April 2020 to August 2021

Instruction to Applicant/Lead Agency

Please have each **partner** complete a separate copy of this form, including the LEA principal partner, and other LEA **partners**. *Submit all copies* as attachments using the upload tab with the grant application.

Instruction to Partner Agency

This document is to be signed by an eligible **partner** and included with the application as evidence of the collaboration between the applicant/lead agency and the eligible **partner** in the Expanding Access to Computer Science: Professional Learning grant program. The chief school administrator (CSA) must complete and sign the statement below:

I *commit* to being a collaborative partner with _____,
the applicant/lead IHE and to ensure that my agency acts in full support of the proposed project through the provision of personnel, time, activities, information, data, services, and/or resources necessary to plan, implement, monitor and evaluate the grant project with fidelity.

I *agree* to protect the confidentiality of individual students and/or educators as necessary when providing information to the applicant and the project evaluator to fulfill project requirements.

I **certify** that a designated representative, my agency's grant lead person, will continue to collaborate with the applicant to meet the requirements of this grant opportunity as specified in the grant application.

of

_____
(Print Name) (CSA from **Partner LEA)**

_____
(Print Name) (LEA)

_____
Signature of **CSA** from **Partner LEA**

_____
Date

Attachment C – Affirmation of Faculty Collaboration Form

Expanding Access to Computer Science: Professional Learning

(This form must be completed, signed and uploaded in the application for proposals that include the optional element described in section 2.1.)

Instruction to Applicant/Lead IHE:

This document affirms the collaboration between IHE computer science and education faculty to include the Optional Element described in section 2.1.

I *certify* that computer science and education faculty will collaborate on including the optional element (described in section 2.1) leading to infusing elements of CS professional learning into existing teacher preparation programs across the disciplines as specified in the grant application.

_____

(Print Name) (Dean/President from **Lead IHE)**

of

_____

(Print Name) (Dean/President)

_____

Signature of **Dean/President** from **Lead IHE**

_____

Date

Appendices

Appendix A: List of NJ Comprehensive Districts Receiving Title I Funds

County	District	School
01	0110	Atlantic City High
01	0590	Buena Regional High
01	1790	Absegami H S
01	1790	Cedar Creek High School
01	1790	Oakcrest H S
01	1960	Hammonton High
01	2910	Mainland Reg H S
01	4180	Pleasantville H S
03	0050	Emerson Jr Sr High
03	0300	Bergenfield High
03	0440	Bogota High
03	0745	Henry P Becton Reg H S
03	0890	Cliffside Park High
03	1370	Dwight Morrow High
03	1450	Fair Lawn High
03	1550	Fort Lee High
03	1700	Garfield High
03	1700	Gaux
03	1860	Hackensack High
03	2080	Hasbrouck Heights High
03	2620	Leonia High
03	2740	Lodi High
03	3170	Midland Park High

County	District	School
03	3600	North Arlington High
03	3700	Northern Highlands Reg H
03	3710	N Valley Reg H Old Tappan
03	3910	Palisades Park Jr-Sr High
03	3930	Paramus High
03	4300	Indian Hills High
03	4370	Slocum/Skewes School
03	4380	Ridgefield Park Jr Sr HS
03	4610	Saddle Brook High
03	5830	Wood Ridge High
05	0300	Alternative School at Levitt
05	0600	Burlington City High
05	0620	Burlington Twp. High
05	0840	Cinnaminson High School
05	1520	Florence Twp. Mem High
05	2610	Lenape High
05	2610	Seneca High School
05	3010	Maple Shade High
05	3360	Moorestown High
05	3690	N Burl Cty Reg Sr H
05	3920	Palmyra High
05	4050	Pemberton Twp. High
05	4320	Rancocas Valley Reg H
05	4450	Riverside High
05	5805	Willingboro High
07	0150	Audubon High
07	0390	Highland High

County	District	School
07	0390	Triton High
07	0680	Big Picture Learning Academy
07	0680	Brimm Medical Arts High
07	0680	Camden High
07	0680	Creative Arts Morgan
07	0680	Woodrow Wilson High
07	0800	Cherry Hill High - West
07	0940	Collingswood Sr High
07	1255	Eastern High
07	1770	Gloucester City Jr Sr H
07	1799	KIPP: Cooper Norcross
07	1801	Camden Prep
07	1802	Mastery Schools of Camden
07	1880	Haddon Heights Jr-Sr Hs
07	2670	Lindenwold High School
07	4060	Pennsauken High
07	4110	Overbrook High School
07	5035	Sterling High School
07	5820	Winslow Twp. High School
09	2820	Lower Cape May Reg High
09	3130	Middle Twp. High
09	3780	Ocean City High
09	5790	Wildwood High
11	0540	Bridgeton High
11	0997	Cumberland Reg H.S.
11	3230	Memorial High
11	3230	Millville Senior High

County	District	School
11	5390	Vineland High School
13	0250	Bellville Sr. High
13	0410	Bloomfield High
13	1210	Cicely Tyson Sch-Per Arts
13	1210	East Orange Campus 9
13	1210	East Orange Campus HS
13	2330	Irvington High School
13	2730	Livingston Sr. High
13	3190	Millburn Sr High
13	3570	American History High
13	3570	Arts
13	3570	Bard Early College
13	3570	Barringer
13	3570	Central
13	3570	Eagle Academy for Young Men of Newark
13	3570	East Side
13	3570	Malcolm X Shabazz High
13	3570	Newark Leadership Academy
13	3570	Newark Vocational H S
13	3570	Science High
13	3570	Technology High
13	3570	University High
13	3570	Weequahic
13	3750	Nutley High
13	3880	Ciao
13	3880	Orange High
13	5630	West Essex High

County	District	School
15	0860	Clayton High
15	0870	Clearview Reg High Sch
15	1100	Deptford Twp. High
15	1715	Gateway Reg High School
15	1730	Glassboro High
15	2440	Kingsway Reg High
15	4020	Paulsboro High
15	4940	Delsea Regional High Sch
15	5860	Woodbury Jr-Sr High
17	0220	Bayonne High
17	2060	Harrison High
17	2210	Hoboken High
17	2390	Dr Ronald Mc Nair Acad HS
17	2390	Henry Snyder
17	2390	Infinity Institute
17	2390	Innovation High School
17	2390	James J Ferris
17	2390	Liberty High School
17	2390	Lincoln
17	2390	Patricia Noonan School #26
17	2390	William L Dickinson
17	2410	Kearny High
17	3610	North Bergen High
17	4730	Secaucus High
17	5240	Jose Marti Freshman Academy
17	5240	Union City High School
17	5580	Weehawken High

County	District	School
17	5670	Memorial High
19	1050	Delaware Valley Reg High
19	1376	South Hunterdon Regional High School
19	2300	Hunterdon Central High
19	3660	Voorhees High
21	0025	WWPHS-North Campus
21	1245	Hightstown High
21	1430	Ewing High
21	2580	Lawrence High Sch
21	5210	Daylight/Twilight H S
21	5210	Trenton Central High
21	5210	Trenton Central Hs West
21	5510	Robbinsville High School
21	5715	WWPHS-South Campus
23	0750	Carteret High
23	1140	Dunellen High
23	1290	Edison High
23	2150	Highland Park High
23	3120	Metuchen High
23	3290	Monroe Twp. High
23	3530	New Brunswick High
23	4090	Perth Amboy High
23	4130	Piscataway Twp. High
23	4830	South Amboy High
23	4920	South River High
23	4970	Spotswood High
25	0100	Asbury Park High

County	District	School
25	1650	Freehold Borough High
25	1650	Freehold Twp. High
25	2160	Henry Hudson Reg School
25	2230	Holmdel High School
25	2430	Keyport High
25	2770	Long Branch High
25	2930	Manasquan High
25	3160	Middletown H S North
25	3270	Monmouth Reg High
25	3510	Neptune High School
25	4365	Red Bank Reg High
25	4580	Rumson Fair Haven Reg H
25	4760	Shore Reg High
25	5310	Allentown High
25	5420	Wall High
27	0450	Boonton High
27	0630	Butler High
27	1110	Dover High
27	1990	Hanover Park High
27	1990	Whippany Park High
27	2460	Kinnelon High
27	2870	Madison High
27	3370	Morris Hills High
27	3950	Parsippany High
27	4080	Pequannock Twp. High
29	0770	Central Regional High
29	2520	Lakewood High

County	District	School
29	3790	Toms River Center
29	4190	New Egypt High Sch
29	4220	Point Pleasant Bch High
29	4950	Southern Reg High
31	2510	Lakeland Reg H
31	3970	Passaic High
31	3980	Manchester Reg H
31	3990	Passaic Valley High Sch
31	4010	Garrett Morgan Academy
31	4010	International High School
31	4010	Panther
31	4010	Paterson Academy
31	4010	Rosa Parks Arts High Sch
31	4010	YES
31	5570	Wayne Valley High
33	4070	Penns Grove High
33	4150	Arthur P Schalick H S
33	4630	Salem High
33	5910	Woodstown High
33	7075	Pennsville Memorial H
35	0490	Bound Brook High
35	3000	Manville High
35	3320	Montgomery High
35	5550	Watchung Hills Reg H
37	2165	High Point Regional H S
37	2465	Kittatinny Reg High
37	2615	Lenape Val Regional High

County	District	School
37	3590	Newton High
37	4960	Sparta High School
37	5360	Vernon Twp. High
37	5435	Wallkill Valley Reg H S
39	0310	Governor Livingston H S
39	0850	Arthur L. Johnson H S
39	0980	Cranford Sr High
39	1320	A. Hamilton Preparatory Acad.
39	1320	Adm. W. F. Halsey Leadership Acad.
39	1320	Elizabeth High
39	1320	John E. Dwyer Tech Academy
39	1320	T. A. Edison Career & Tech Acad.
39	1320	T. Jefferson Arts Acad.
39	2190	Hillside High
39	3560	New Providence High
39	4130	Barack Obama Acad-Academic and Civic Development
39	4160	Plainfield High
39	4290	Rahway High
39	4540	Abraham Clark High
39	4550	Roselle Park High
39	4670	Scotch Plains Fanwood H
39	5000	Jonathan Dayton High Sch
39	5090	Summit Sr High
39	5290	Union Senior High
41	0280	Belvidere High
41	3675	N Warren Reg High School
41	4100	Phillipsburg High

County	District	School
41	5465	Warren Hills Reg High Sch
80	6010	Academy Charter High School
80	6013	Bergen Arts and Science Charter School
80	6017	Foundation Academy Charter School
80	6018	Central Jersey College Prep CS
80	6032	Academy for Urban Ldrshp
80	6033	The Barack Obama Green Ch
80	6053	Great Oaks Charter School
80	6057	People's Preparatory Charter School
80	6068	M E T S Charter School
80	6107	Camden's Promise Charter School
80	6109	Lead Charter School
80	6183	Trenton STEM-To-Civics CS
80	6720	Hoboken CS
80	7109	Leap Academy University C
80	7210	Marion P. Thomas CS
80	7320	North Star Acad. CS of NE
80	7325	Team Academy Charter School
80	7410	Charter Tech High School (Charter Tech High School)
80	7503	Paterson CS For Science & Tech
80	8010	Union County Teams CS
80	8060	University Academy CS