

Board Office Use: <b>Legislative File Info.</b>	
File ID Number	17-1197
Introduction Date	6/14/17
Enactment Number	17-0797
Enactment Date	6/14/17



# Memo

**To** Board of Education  
**From** Devin Dillon, Ph.D., Interim Superintendent  
**Board Meeting Date** June 14, 2017  
**Subject** Memorandum of Agreement - The National Society of Black Engineers - (contractor) - Community Partnerships Unit - 922/Community Schools and Student Services Department (site/department)

**Action Requested** Approval of a Memorandum of Agreement between the Oakland Unified School District and The National Society of Black Engineers, Alexandria, VA, to be primarily provided for selected school sites for the period of June 12, 2017 through July 7, 2017.

**Background**  
*A one paragraph explanation of why the consultant's services are needed.*  
 The National Society of Black Engineers will provide the 2017 Summer Engineering Experience for Kids Camps (S.E.E.K.) for 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> grade students at Martin Luther King, Jr. Elementary School.

**Discussion**  
*One paragraph summary of the scope of work.*  
 Approval by the Board of Education of a Memorandum of Agreement between the District and The National Society of Black Engineers, Alexandria, VA, for the latter to provide the 2017 Summer Engineering Experience for Kids Camps (S.E.E.K.) for 3<sup>rd</sup> - 5<sup>th</sup> grade students, via the Community Schools and Student Services Department, for the period of June 12, 2017 through July 7, 2017, at no cost to the District.

**Recommendation** Approval of a Memorandum of Agreement between the Oakland Unified School District and The National Society of Black Engineers, Alexandria, VA, to be primarily provided for selected school sites for the period of June 12, 2017 through July 7, 2017.

**Fiscal Impact** Funding resource name (please spell out): No Fiscal Impact

**Attachments** Memorandum of Agreement  
 Certificate of Insurance  
 Scope of Work  
 Statement of Qualifications



# CONTRACT JUSTIFICATION FORM

This Form Shall Be Submitted to the Board Office  
With *Every* Consent Agenda Contract.

Legislative File ID No. 17-1197

Department: 922/Community Schools and Student Services Department

Vendor Name: The National Society of Black Engineers (NSBE)

Contract Term: Start Date: 06/12/2017 End Date: 07/07/2017

Annual Cost: \$ 0

Approved by: Andrea Bustamante

Is Vendor a local Oakland business? Yes  No

**Why was this Vendor selected?**

School site selected partner for In-Kind agreement.

**Summarize the services this Vendor will be providing.**

Summer engineering enrichment camp for 3rd, 4th, & 5th grade students.

Was this contract competitively bid? Yes  No

If No, answer the following:

1) How did you determine the price is competitive?

No fee for services; In-Kind partnership.

2) Please check the competitive bid exception relied upon:

- Educational Materials**
- Special Services** contracts for financial, economic, accounting, legal or administrative services
- CUPCCAA exception** (Uniform Public Construction Cost Accounting Act)
- Professional Service Agreements** of less than \$87,800 (increases a small amount on January 1 of each year)
- Construction related Professional Services** such as Architects, DSA Inspectors, Environmental Consultants and Construction Managers (require a "fair, competitive selection process)
- Energy** conservation and alternative energy supply (e.g., solar, energy conservation, co-generation and alternate energy supply sources)
- Emergency** contracts [requires Board resolution declaring an emergency]
- Technology** contracts
  - electronic data-processing systems, supporting software and/or services (including copiers/printers) over the \$87,800 bid limit, must be competitively advertised, but any one of the three lowest responsible bidders may be selected
  - contracts for computers, software, telecommunications equipment, microwave equipment, and other related electronic equipment and apparatus, including E-Rate solicitations, may be procured through an RFP process instead of a competitive, lowest price bid process
  - Western States Contracting Alliance Contracts (WSCA)
  - California Multiple Award Schedule Contracts (CMAS) [contracts are often used for the purchase of information technology and software]
- "Piggyback" Contracts** with other governmental entities
- Perishable Food**
- Sole Source**
- Change Order for Material and Supplies** if the cost agreed upon in writing does not exceed ten percent of the original contract price
- Other, please provide specific exception**

**MEMORANDUM OF UNDERSTANDING BETWEEN A PARTNER ORGANIZATION  
OR INDIVIDUAL AND OAKLAND UNIFIED SCHOOL DISTRICT**

**I. Parties**

The purpose of this Memorandum of Understanding (“MOU”) is to establish a relationship between Oakland Unified School District (“OUSD”) and The National Society of Black Engineers (NSBE) [CONTRACTOR—name of your organization].

WHEREAS, the CONTRACTOR’s services or program described in this MOU will be provided at no cost to OUSD, the students, or the parents; and

BOTH PARTIES HEREBY enter into this MOU to enable CONTRACTOR to provide said program(s) selected in Section II of the MOU.

**II. Program Name(s)**

Unless otherwise agreed to in writing by the parties, the Program(s) governed by this agreement are the following:

2017 Summer Engineering Experience for Kids Camps (S.E.E.K.)

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**III. CONTRACTOR Responsibilities/Scope of Services**

A. Provide a description of the services that your program(s) will be providing to OUSD. Please be specific by answering all of the following questions.

1. A brief description of the type of services your program(s) generally provides.

Summer engineering enrichment camp for 3rd, 4th, & 5th grade students.

2. The relevant experience of the CONTRACTOR personnel that will be providing the services:

See attached Statement of Qualifications .

3. Please check **all** of the expectations or goals below that are in agreement with your program's services.

- Ensure a high quality instructional core
- Develop student's social health/skills
- Develop student's emotional health
- Develop student's physical health
- Develop student's cognitive and academic skills
- Create equitable opportunities for learning
- Ensure, maintain, or support high quality and effective instruction
- Prepare students for success in college and careers
- Help ensure, create, and/or sustain safe, healthy and supportive schools
- Create accountability for quality
- Help create full service community schools in OUSD
- Increase, raise graduation rates
- Other: Increase proficiency in math and interest in pursuing a Science, Technology, Engineering & Mathmati

related college major and career.

B. Ensure that all CONTRACTOR personnel, including subcontractors, will comply with any policy and systems in place at OUSD and School(s). This includes, but is not limited to the following:

1. **Drug and Smoke Free**—No drugs, alcohol, and/or smoking are allowed at any time in any buildings and/or grounds on OUSD property. No students, staff, visitors, CONTRACTORS, or subcontractors are to use drugs on these School(s).
  2. **Anti-Discrimination**—It is the policy of OUSD that in connection with CONTRACTOR's services in this MOU there shall be no discrimination against any employee engaged in the work because of race, color, ancestry, national origin, religious creed, physical disability, medical condition, marital status, sexual orientation, gender, or age. Therefore, the CONTRACTOR agrees to comply with applicable Federal and California laws.
  3. **Conflict of Interest**—CONTRACTOR shall abide by and be subject to all applicable OUSD policies, regulations, statutes or other laws regarding conflict of interest. CONTRACTOR shall not hire any OUSD employee to perform the services in this MOU, and affirms that to the best of its knowledge no such conflict presently exists. CONTRACTOR agrees to alert OUSD in writing if and when a potential conflict does arise.
  4. **Family Education Rights and Privacy Act**—CONTRACTOR shall observe District policies and regulations, and state and federal laws, including the Family Education Rights and Privacy Act of 1974, commonly known as FERPA, related to the confidentiality of pupil and personnel records.
- C. **TB and Fingerprinting Clearance**—Ensure that all CONTRACTOR personnel, including subcontractors, who will be on OUSD premises have been: (a) fingerprinted; (b) submitted to DOJ and FBI criminal background check via Live Scan or a similar service as required by the Education Code, and (c) taken a tuberculosis test during the current fiscal year. Please see Section IV for the relevant documentation that is required.
- D. **Insurance**
1. **General Liability: EITHER** (a) CONTRACTOR maintains general liability insurance that names OUSD as an additional insured, for operations, students, volunteers, and personnel at location where CONTRACTOR provides programs/services with at least \$1 Million in coverage, and furnish certificate of said insurance to OUSD **OR** (b) CONTRACTOR is not required to maintain general liability insurance under this agreement if the Risk Management Officer signs a waiver of insurance. Please see Section IV for the relevant documentation that is required.
  2. **Workers' Compensation:** If CONTRACTOR employs any person to perform work in connection with this MOU, CONTRACTOR shall procure and

maintain at all times during the performance of such work, Workers' Compensation Insurance in conformance with the laws of the State of California and federal laws, when applicable. The CONTRACTORS' Employers' Liability Insurance shall not be less than One Million Dollars (\$1,000,000) per accident or disease. Please see Section IV for the relevant documentation that is required.

The requirements under Section D, 2. will not apply if CONTRACTOR checks or marks this box and by doing so confirms and represents that it does not employ anyone in the manner subject to the workers' compensation laws of California.

- E. **Communication**—Communicate with School(s) and OUSD staff, both formally and informally, to ensure, to the best of the program's ability, that the CONTRACTOR'S services are aligned with the School(s) and OUSD's mission and objectives and are adequately meeting student's needs. At the request of School(s) or OUSD staff, provide reasonable data and information to students participating in the CONTRACTOR's program.
- F. **Confidentiality**—CONTRACTOR shall maintain strict confidentiality of all information about individual students received under this MOU and will not disseminate such information without the express written consent of OUSD. CONTRACTOR will comply with FERPA, and will be allowed to use the data received to solicit funding to continue to expand its services/program, so long as there is no information from which the identity of any student in the CONTRACTOR's program as a participant could be made.
- G. **Register With/Update Community Partner Platform**—Contractor shall register in OUSD's Community Partner Platform database and perform annual updates *by August 31 of each year*, to maintain full and complete up-to-date information.

#### IV. Required Documents

CONTRACTOR CANNOT commence the services agreed to in this MOU until it has submitted the following documents:

A. TB and Fingerprinting Clearance:

Contractor (Individual):

- Submit clearance letter from authorized agency verifying individual has been Fingerprinted/Criminal Background Checked for this current fiscal year. Additionally, please provide documentation from health care provider showing negative TB status of individual within the last four years.

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Contractor (Agency):

- Attach clearance letter from Agency/Community-Based Organization/Non-Profit Organization on agency letterhead verifying all personnel, including subcontractors, have been Fingerprinted/Criminal Background Checked and have TB clearance for this current fiscal year and signed by authorized personnel.

B. Insurance:

Contractor (Individual/Agency):

- Please attach documentation of either proof of insurance, or a waiver signed by the Risk Management Officer. The additional insured address must read: Oakland Unified School District, Attention: Risk Management, 1000 Broadway Suite 440, Oakland, CA 94607. Waiver of insurance does not release CONTRACTOR from responsibility for any claim or demand.

V. **Responsibilities of Oakland Unified School District**

- A. **Space**—Provide a suitable classroom or space at the participating School(s), to be agreed upon by School(s) and the CONTRACTOR.
- B. **Janitorial Service**—Provide necessary services to maintain this space, including janitorial services, maintenance, utilities, and technology support.
- C. **Data**—Ensure that CONTRACTOR has reasonable access to student assessment and evaluation data necessary to inform instruction and periodically review student progress and to provide the study.
  - 1. For the purpose of cohort determination, for instructional purposes, or for academic research purposes, at the sole discretion of OUSD, provide CONTRACTOR access to student assessment data for all students at School(s) including, but not limited to, state test scores and site-based assessments. Students identified may be protected by the use of ID numbers.
  - 2. Provide CONTRACTOR with any other student information reasonably necessary to provide its services consistent with the CONTRACTOR's program and to evaluate the impact of its program on students at School(s).



**VI. Duration**

This MOU is for the 6/12/2017 -- 7/7/2017 period.  
[Insert mm/dd/year] [Insert mm/dd/year]

**VII. Termination**

Either party may terminate this MOU at any time, without cause, with 30 day written notice to the other party. This agreement may be amended by mutual consent of the parties. All amendments must be in writing and signed by both parties.

**VIII. Defense/Indemnity/Hold Harmless**

Each party to this MOU agrees to defend, indemnify and hold harmless the other for and from any claims, causes of action, or any other proceeding of any type or kind that is made against the other where such claim, cause of action or other proceeding arises from the conduct, act, omission, or commission by the other party.

IN WITNESS THEREOF, the parties to this agreement have duly executed it on the day, month and year set forth below.

By: [Signature] Dated: 5/8/17 (MM/DD/YYYY)  
MARTIN C. YOUNG, PARTNERSHIPS MGR. (Print Name & Title)  
COMMUNITY SCHOOLS & STUDENT SERVICES Sponsoring OUSD Department

By: [Signature] Dated: 05/01/2017 (MM/DD/YYYY)  
Karl W. Reid, Ed.D. Executive Director (Print Name & Title)

The National Society of Black Engineers (NSBE) (CONTRACTOR—Org. Name)

[Signature] 6/15/17  
James Harris  
Approved as to form and procedure  
President, Board of Education

[Signature] 6/15/17  
Devin Dillon, Ph.D.  
Interim Secretary, Board of Education

By: [Signature] Dated: 5/19/17 (MM/DD/YYYY)  
Michael L. Smith, Deputy General Counsel  
Oakland Unified School District



# CERTIFICATE OF LIABILITY INSURANCE

OP ID: RC

DATE (MM/DD/YYYY)  
01/31/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> R. H. Nicholson & Co. 3998 Fair Ridge Drive Ste 200 Fairfax, VA 22033-2907 Nancy Nicholson Miller		<b>CONTACT NAME:</b> PHONE (A/C, No. Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: _____ <b>PRODUCER CUSTOMER ID #: NATIO-3</b>	
<b>INSURED</b> <b>National Society Of Black Engineers</b> 205 Daingerfield Rd. Alexandria, VA 22314	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A :</b> Hartford Insurance Group		<b>29424</b>
	<b>INSURER B :</b>		
	<b>INSURER C :</b>		
	<b>INSURER D :</b>		
	<b>INSURER E :</b>		
<b>INSURER F :</b>			

**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<b>GENERAL LIABILITY</b>	X	42 UUN NA6545	08/01/2016	08/01/2017	EACH OCCURRENCE	\$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					MED EXP (Any one person)	\$ 10,000
	<input checked="" type="checkbox"/> Contractual Liab.					PERSONAL & ADV INJURY	\$ 1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$ 2,000,000
<input checked="" type="checkbox"/>	POLICY	<input type="checkbox"/>	PRO-JECT	<input type="checkbox"/>	LOC	PRODUCTS - COMP/OP AGG	\$ 2,000,000
							\$
A	<b>AUTOMOBILE LIABILITY</b>		42 UUN NA6510	08/01/2016	08/01/2017	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input type="checkbox"/> ANY AUTO					BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS					BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS					PROPERTY DAMAGE (PER ACCIDENT)	\$
<input checked="" type="checkbox"/>	HIRED AUTOS				<b>Comp</b>	\$ 1,000	
<input checked="" type="checkbox"/>	NON-OWNED AUTOS				<b>Coll</b>	\$ 1,000	
A	<b>UMBRELLA LIAB</b>		42 RHU NA6510	08/01/2016	08/01/2017	EACH OCCURRENCE	\$ 5,000,000
	<input type="checkbox"/> EXCESS LIAB					AGGREGATE	\$ 5,000,000
	<input type="checkbox"/> CLAIMS-MADE						\$
	<input type="checkbox"/> DEDUCTIBLE						\$
<input checked="" type="checkbox"/>	RETENTION \$ 10,000					\$	
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>	Y/N	N/A			WC STATUTORY LIMITS	OT-HER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						
	If yes, describe under DESCRIPTION OF OPERATIONS below						
						E.L. EACH ACCIDENT	\$
						E.L. DISEASE - EA EMPLOYEE	\$
						E.L. DISEASE - POLICY LIMIT	\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
**Re: NSBE SEEK June 12 - July 7, 2017. Oakland Unified School District is additionally insured for General Liability.**

**CERTIFICATE HOLDER****CANCELLATION**

Oakland Unified School District  
Attention: Risk Management  
1000 Broadway Suite 440  
Oakland, CA 94607

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



May 1, 2017

Michael L. Smith  
Deputy General Counsel  
Oakland Unified School District  
1000 Broadway Suite 440  
Oakland, CA 94607

Dear Mr. Smith,

Please accept this letter as The National Society of Black Engineers' (NSBE) official Clearance Letter declaring that all program personnel of the Summer Engineering Experience for Kids (S.E.E.K.) Oakland camp site are tested for Tuberculosis (TB) as well as fingerprinted with clearance from the Department of Justice and Federal Bureau of Investigation (DOJ/FBI), before the student program start date.

The National Society of Black Engineers adheres to all conditions of this Memorandum of Understanding with the Oakland Unified School District in providing this letter of clearance.

Please contact Greg Meeropol Senior Director of Programs at [gmeeropol@nsbe.org](mailto:gmeeropol@nsbe.org) or 703.965.1163 with any questions or requests for additional information.

Towards 10K,

Karl W. Reid Ed.D.  
Executive Director  
The National Society of Black Engineers (NSBE)

**Enclosures:**

2017 SEEK Oakland Unified School District Contract (NSBE Executed)  
NSBE Certificate of Insurance (Oakland Unified School District Certificate Holder)



## Scope of Work

SEEK is a three-week engineering immersion program designed to expose students from underrepresented communities to STEM fields. Its mission is to increase elementary school students' aptitude in math and science and their interest in pursuing engineering careers. SEEK students engage in interactive, team-based engineering projects led by NSBE collegiate students and industry professionals, who serve as instructors and program facilitators. This summer, the program will be available for students in grades 3–5. Students will work in teams, using their knowledge to solve problems and create products while discovering the underlying math and science principles involved in these processes. Each week, the student participants will take on a new project, culminating with a presentation, design competition and physical competitions on the concluding Friday.

### **Program Dates:**

June 26, 2017 - July 14, 2017

Monday, Tuesday, Wednesday, Thursday, Friday

8:00am - 3:30pm

### **Daily Schedule:**

- 7:30 A.M. Mentor Arrival at Program site- classroom prep
- 8:00 A.M. Students Arrive- Parent/ Guardian drop off
- 8:00-8:30 A.M.- Breakfast
- 8:30- 11:30A.M. Morning Curriculum Instruction (45 min blocks)
  - Block 1- 8:30- 9:15
  - Block 2- 9:15- 10:00
  - Block 3- 10:00- 10:45
  - Block 4- 10:45- 11:30
- 11:30- 1:00 P.M. Staggered Lunch/Recess
- 1:00- 3:00 P.M. Afternoon Curriculum Instruction (40 min blocks)
  - Block 1- 1:00- 1:40
  - Block 2- 1:40- 2:20
  - Block 3- 2:20- 3:00
- 3:00- 3:30 P.M. Student Departure- Parent/ Guardian MUST sign child out (Must show ID to pick student up)
- 3:30- 5:00 P.M. End of Day staff procedures Mentor Debrief/Prep for next day

### **Activities and Curriculum:**

Curriculum provided by the Society of Automotive Engineers (SAE). SAE International's A World In Motion® (AWIM) is a teacher-administered, industry volunteer-assisted program that brings science, technology, engineering and math (STEM) education to life in the classroom for students in Kindergarten through Grade 12. Benchmarked to the national standards, AWIM incorporates the laws of physics, motion, flight and electronics into age-appropriate hands on activities that reinforce classroom STEM curriculum. Some activities include but are not limited to the following:

#### **The Catapult:**

Students have the opportunity to construct a medieval trebuchet from balsa wood. Students will design and experiment with different counterweights and lever lengths, all the while learning the mathematics that apply



to moving projectiles. The students will also learn concepts like horizontal and vertical motion as well as energy transfer.

### **Gravity Cruiser:**

Student teams design and construct a vehicle that is powered by gravity. A weighted lever connected to an axle by string rotates on its fulcrum; as the weight descends it causes the axle attached to the string to rotate, propelling the cruiser forward. Concepts explored include potential and kinetic energy, friction, inertia, momentum, diameter, circumference, measurement, graphing, and constructing a prototype.

### **Fuel Cell:**

Using a PEM Fuel Cell as the primary power source, student teams design, build, and test prototype vehicles which they must then present to an audience. The AWIM Fuel Cells Challenge requires students to explore physical science concepts such as force, friction and energy transformations as well as environmental concepts such as green design, and incorporates mathematics concepts as student teams collect, analyze and display data.

### **Tracking and Measurement:**

NSBE measures each seek camper's pre/post program knowledge with brief tests developed for each grade. The tests consist of:

- Open-ended questions about student' interest in math and science and knowledge of what engineers do, to begin a profile of student participants.
- Questions based on math and concepts that students should have learned in their previous school year, to assess participants' academic standards
- Questions based on the SEEK program curriculum (multiple choice and vocabulary matching questions) to serve as an indicator of the academic impact of the program

The research will allow NSBE to create a valuable academic profile of SEEK campers' STEM abilities and interest in engineering, as well as gauge any impact on their academic performance.



# National Society of Black Engineers®

## Statement of Qualifications

The National Society of Black Engineers (NSBE) created the Summer Engineering Experience for Kids (SEEK) to address the underrepresentation of African-American students in STEM fields, so that the United States may remain competitive in today's global economy. NSBE provides early STEM exposure to students beginning in 3rd grade through the 12th grade. Aligning with the NSBE mission statement ***"to increase the number of culturally responsible Black engineers who excel academically, succeed professionally and positively impact the community."***

The SEEK Program succeeds in providing:

- Positive, African-American, collegiate NSBE members as role models
- Early exposure to math, science and engineering concepts
- Group-based learning projects, designed to maximize creativity and ingenuity
- Annual engagement
- No eligibility requirements

In 2007, the Battelle Memorial Institute awarded NSBE a founding grant that established the Summer Engineering Experience for Kids. The program's mission was to increase minority elementary school students' knowledge in math and science, interest in pursuing engineering careers, and educational aspirations. It currently has expanded to 17 sites in 16 cities across the United States and served more than 15,000 students. NSBE's long-term goal is to contribute to producing 10,000 black bachelor's degree recipients in engineering annually by 2025.

The Summer Engineering Experience for Kids (SEEK) program is one of the National Society of Black Engineers' (NSBE) contributions to increasing the representation of black students in the Science, Technology, Engineering, and Math fields. This 3-week program is designed to expose black children to STEM fields as early as the 3rd grade and through 12th grade. Students participate from 8:30am – 3:30pm daily, giving each student 105 contact hours per summer. The program utilizes NSBE collegiate members as student mentors, the majority of whom are black and majoring in STEM fields.

The mission of the Summer Engineering Experience for Kids is ***"To increase elementary school students' aptitude in math and science and their interest in pursuing STEM (science, technology, engineering, math) career fields, by having them engage in interactive, team-based engineering projects."***

The Summer Engineering Experience for Kids (SEEK) was started in 2007 in Washington, DC and has since expanded to 19 cities, in total, across the USA and has served more than 15,000 students since its inception. We currently have been able to reach students in the following cities:

- 2007 - Washington, DC
- 2008 - Columbus, OH
- 2011 - San Diego, CA
- Oakland, CA
- 2012 - Detroit, MI
- New Orleans, LA
- Houston, TX
- 2013 - Brooklyn, NY
- Jackson, MS
- Philadelphia, PA
- Denver, CO
- 2014 - Atlanta, GA
- Chicago, IL
- 2015 - Birmingham, AL
- Boston, MA
- Harrisburg, PA
- Los Angeles, CA
- Schriever, LA
- 2016 - Dallas, TX



## National Society of Black Engineers®

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SEEK recruits NSBE collegiate and alumni members to serve as Mentors. Our Mentors are tasked with teaching engineering concepts in a fun and motivating environment. They are part friend, part counselor, part teacher, and the foundation upon which the SEEK program is built. Approximately 85% of mentors are undergraduates majoring in engineering or other STEM disciplines. All Mentors are required to go through a week of training and preparation prior to the program starting. Training focuses on child and program safety, leadership, classroom management, and curriculum implementation. All staff are active members of the National Society of Black Engineers who have completed medical screening and criminal background checks.

The SEEK Program has had notable impact on several levels some including;

- 100% Parent recommendation
- 81% of students indicated their participation in the SEEK camp made them more interested in engineering
- Expansion of vocabulary use focused on engineering curriculum
- Parents indicated exposure to African American role models was a positive impact for their children
- Parents indicated students gained self confidence
- 98% of parents indicated they would send their child to another SEEK camp

# Summer- SEEK

[Edit Program](#)
[Deactivate](#)

Data Completeness: 90%

## Program Information

Program Name	Summer- SEEK
Community School Element	Expanded Learning
Service Types	Summer Enrichment
Program Description	SEEK 6 week summer program for all OUSD
Last verified	03/17/2017 at 10:44 AM by Martin Young

## Program Details

Student Population	All Students
Target Ethnicity/Culture Groups	<i>not provided</i>
Target Demographic Groups	<i>not provided</i>
Target Grade Levels	3rd Grade, 4th Grade, 5th Grade
Service Times	Summer
Service Days	Monday, Tuesday, Wednesday, Thursday

## Schools

M L King Jr Elementary

[Show Details](#)



**SAM Search Results**  
**List of records matching your search for :**

**Search Term : the\* national\* society\* of black\* engineers\***  
**Record Status: Active**

**No Search Results**