OAKLAND UNIFIED SCHOOL DISTRICT

Community Schools, Thriving Students

OAKLAND UNIFIED SCHOOL DISTRICT
Office of the Board of Education

April 10, 2019

To: Board of Education

From: Kyla Johnson-Trammell, Superintendent

           Andrea Bustamante, Executive Director, Community Schools and Student Services Department

           Martha Pena, Coordinator, After School Programs

Subject: Grant Award - California Department of Education - After School Education and Safety (ASES) Kids
           Code Grant - After School Programs Office - Community Schools & Student Services Department

ACTION REQUESTED:
Approval by the Board of Education of the Grant Award between the District and the California Department of Education, in the amount of $415,00.00 ($166,000.00 in year 1, $166,000.00 in year 2, and $83,000.00 in year three), to support coding enrichment activities in eight OUSD elementary and middle school after school programs, for the period July 1, 2018 through June 30, 2021, pursuant to the terms and conditions thereof, if any.

BACKGROUND:
Grant award for OUSD employees for the period July 1, 2018 through June 30, 2021 was awarded for funding as indicated in the chart below. The Grant Face Sheet and grant application packets are attached.

File I.D #	Backup Document Included	Type	Recipient	Grant's Purpose	Time Period	Funding Source	Grant Amount
19-0441	Yes	Grant	Oakland Unified School District Community Schools and Student Services Department	To support coding enrichment activities in eight OUSD elementary and middle school after school programs	July 1, 2018 through June 30,2021	California Department of Education	$415,000.00

DISCUSSION:
The district created a Grant Face sheet process to:
- Review proposed grant projects at OUSD sites and assess their contribution to sustained student achievement

- Identify OUSD resources required for program success

OUSD received a Grant Face Sheet and a completed grant application for the program listed in the chart by the office.

FISCAL IMPACT:
The total amount of grants will be provided to OUSD schools from the funders.
- Grants valued at: $415.000.00

RECOMMENDATION:
Approval by the Board of Education of a Grant Agreement for OUSD schools via the Staff Wellness Office for the year 2019, pursuant to the terms and conditions thereof and to submit amendments thereto, for the grant year, if any.

ATTACHMENTS:

Grant Management Face Sheet
Grant Award Letter
Grant Application

Grant Narrative

OUSD Grants Management Face Sheet

Title of Grant: After School Education and Safety (ASES) Kids Code	Funding Cycle Dates: July 1, 2018 – June 30, 2019
Grant's Fiscal Agent: (contact's name, address, phone number, email address) Paul Simpson-Jones California Department of Education 1430 N Street, Room 3400 Sacramento, CA 95814-5901 pjones@cde.ca.gov	**Grant Amount for Full Funding Cycle:** $166,000.00 in year 1, $166,000.00 in year 2, and $83,000.00 in year three, totaling $415,000.00
Funding Agency: California Department of Education 1430 N Street, Room 3400 Sacramento, CA 95814-5901	**Grant Focus:** To support coding enrichment activities in After-school programs. 8 OUSD schools will receive $50,000.00 - $65,000.00 in additional resources to support this work.

List all School(s) or Department(s) to be Served:
Madison Park Academy, Upper Campus; Martin Luther King, Jr Elementary; Frick Impact Academy; Coliseum College Prep Academy; Rise Community School; Markham Elementary; Futures Elementary; Global Family Elementary

Information Needed	School or Department Response
How will this grant contribute to sustained student achievement or academic standards?	The ASES Kids Code Grant will provide coding curriculum, PD for after-school staff, and materials and supplies for an after-school coding class. Eight OUSD Schools will each receive $50,000 – $65,000 to support these resources. • Madison Park Academy • MLK Jr. Elementary • Frick Impact Academy • Coliseum College Prep Academy • RISE Community School • Markham Elementary • Futures Elementary • Global Family Elementary
How will this grant be evaluated for impact upon student achievement? (Customized data design and technical support are provided at 1% of the grant award or at a negotiated fee for a community-based fiscal agent who is not including OUSD's indirect rate of 3.98% in the budget. The 1% or negotiated data fee will be charged according to an Agreement for Grant Administration Related Services payment schedule. This fee should be included in the grant's budget for evaluation.)	This grant is part of an existing evaluation process for After-School programs.
Does the grant require any resources from the school(s) or district? If so, describe.	No
Are services being supported by an OUSD funded grant or by a contractor paid through an OUSD contract or MOU? (If yes, include the district's indirect rate of 3.98% for all OUSD site services in the grant's budget for administrative	Yes

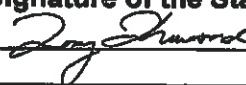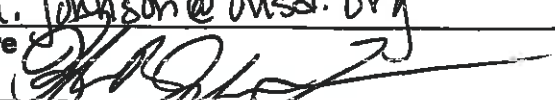| support, evaluation data, or indirect services.)	
Will the proposed program take students out of the classroom for any portion of the school day? (OUSD reserves the right to limit service access to students during the school day to ensure academic attendance continuity.)	No
Who is the contact managing and assuring grant compliance? (Include contact's name, address, phone number, email address.)	Martha Pena, Coordinator, After School Programs **Community Schools and Student Services Department** Oakland Unified School District 1000 Broadway, Suite 150, Oakland, CA 94607 510-879-2885 Martha.Pena@ousd.org

Applicant Obtained Approval Signatures:

Entity	Name/s	Signature/s	Date
Principal	Andrea Bustamante	*Andu Bustamante*	
Department Head (e.g. for school day programs or for extended day and student support activities)	Sondra Aguilera	*Sondra Ag*	3/12/19

Grant Office Obtained Approval Signatures:

Entity	Name/s	Signature/s	Date
Fiscal Officer	Marcus Battle		
Superintendent	Kyla Johnson-Trammell		

California Department of Education
Fiscal Administrative Services Division
AO-400 (REV. 09/2014)

Grant Award Notification

GRANTEE NAME AND ADDRESS	CDE GRANT NUMBER			
Kyla Johnson-Trammell, Superintendent	FY	PCA	Vendor Number	Suffix
Oakland Unified				
1000 Broadway, Suite 680	18	25413	61259	KC
Alameda, CA 94607-4099				

Attention	STANDARDIZED ACCOUNT CODE STRUCTURE		COUNTY
Expanded Learning Coordinator			
Program Office	Resource Code	Revenue Object Code	1
Expanded Learning Office			
Telephone	6011	8590	INDEX
510-434-7790			
Name of Grant Program			0150
After School Education and Safety (ASES) Kids Code Pilot Program			

GRANT DETAILS	Original/Prior Amendments	Amendment Amount	Total	Amend No.	Award Starting Date	Award Ending Date
	$415,000.00		$415,000.00		7/1/2018	6/31/2021

CFDA Number	Federal Grant Number	Federal Grant Name	Federal Agency

I am pleased to inform you that you have been funded for the ASES Kids Code Pilot Program.

This award is made contingent upon the availability of funds. If the Legislature takes action to reduce or defer the funding upon which this award is based, then this award will be amended accordingly.

Please return the original, signed Grant Award Notification (AO-400) to:

Paul Simpson-Jones, Associate Governmental Program Analyst
Expanded Learning Division
California Department of Education
1430 N Street, Suite 3400
Sacramento, CA 95814-5901

California Department of Education Contact	Job Title
Paul Simpson-Jones	Associate Governmental Program Analyst

E-mail Address	Telephone
pjones@cde.ca.gov	916-319-0211

Signature of the State Superintendent of Public Instruction or Designee	Date
[signature]	February 19, 2019

CERTIFICATION OF ACCEPTANCE OF GRANT REQUIREMENTS

On behalf of the grantee named above, I accept this grant award. I have read the applicable certifications, assurances, terms, and conditions identified on the grant application (for grants with an application process) or in this document or both; and I agree to comply with all requirements as a condition of funding.

Printed Name of Authorized Agent	Title
Kyla Johnson-Trammell	Superintendent

E-mail Address	Telephone
Kyla.johnson@ousd.org	510-879-8200

Signature	Date
[signature]	3/5/19

After School Education and Safety Program
Kids Code Grant Pilot Program Application

Cover Page

Mail or hand deliver signed original to:

ASES Kids Code Grant Pilot Program Application
Expanded Learning Division
California Department of Education
1430 N Street, Suite 3400
Sacramento, CA 95814-5901

Agency Name:	Oakland Unified School District
County-District-School/Federal Employer Identification Number:	01612590000000
County Name:	Alameda
Authorized Agent Name:	Kyla Johnson-Trammell
Authorized Agent Professional Title:	Superintendent
Authorized Agent Address:	1000 Broadway, Suite 680
Authorized Agent City, State, Zip Code:	Oakland, CA 94607-4099
Authorized Agent Telephone Number:	510-879-8200
Authorized Agent Email Address:	kyla.johnson@ousd.org
Total Amount Requested:	$830,000

I hereby certify that I have read, acknowledge, and agree to the terms as stated on the Certified Assurances, as well as on all forms contained herein not requiring individual signature.

Authorized Agent Signature:	Date: 11-2-18

After School Education and Safety Program
Kids Code Grant Pilot Program Application

School Principal or Executive Director Approval

The school principal or executive director of a direct-funded charter school of each school to be served by the proposed program must approve this program application.

County-District-School Code	School Name	Name of School Principal or Executive Director	Signature of School Principal or Executive Director
01612590115618	Greenleaf Elementary	Romy Trigg-Smith	*(signature)*
~~01612596096523~~	~~La Escue~~lita ~~Elementary~~	~~Jeffrey Frane~~y	
01612590110262	Rise Community	Samantha Keller	*(signature)*

School District Approval

The local educational agency (LEA) superintendent must be in agreement with the intent of this application. The LEA superintendent assures that all schools in this application meet eligibility requirements for funding pursuant to the terms and conditions described on page five in the request for applications.

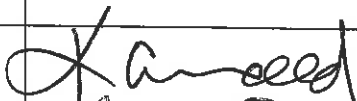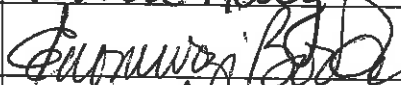If the LEA superintendent is already a signatory on this application, then signature below is not required.
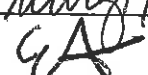
Direct funded charter schools applying for grant funding are not required to obtain the superintendent's signature for approval.

County-District-School Code	School District Name	Name of Superintendent	Signature of Superintendent
01612590000000	Oakland Unified	Kyla Johnson-Trammell	See cover page

After School Education and Safety Program
Kids Code Grant Pilot Program Application
Signature and Approvals Form

School Principal or Executive Director Approval

The school principal or executive director of a direct-funded charter school of each school to be served by the proposed program must approve this program application.

County-District-School Code	School Name	Name of School Principal or Executive Director	Signature of School Principal or Executive Director
01612596002190	Esperanza Elementary	Kathleen Arnold	
01612590115584	Global Family	Dante Ruiz	
01612596002125	Prescott	Enomwoyi Booker	
01612596118616	International Community	Eleanor Alderman	

After School Education and Safety Program
Kids Code Grant Pilot Program Application
Signature and Approvals Form

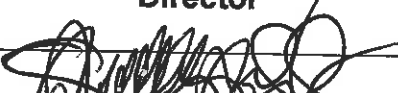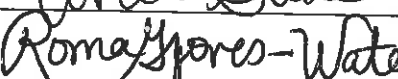## School Principal or Executive Director Approval

The school principal or executive director of a direct-funded charter school of each school to be served by the proposed program must approve this program application.

County-District-School Code	School Name	Name of School Principal or Executive Director	Signature of School Principal or Executive Director
01612590115576	Futures Elementary	Shelley McCray	
01612596002059	Markham Elementary	Anita Summerlin	
01612596072235	Martin Luther King, Jr. Elementary	Roma Groves -Waters	
01612596096523	La Escuelita Elementary	Jeffrey Franey	

After School Education and Safety Program
Kids Code Grant Pilot Program Application

Signature and Approvals Form

School Principal or Executive Director Approval

The school principal or executive director of a direct-funded charter school of each school to be served by the proposed program must approve this program application.
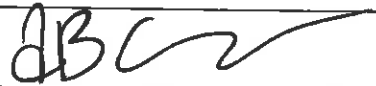
County-District-School Code	School Name	Name of School Principal or Executive Director	Signature of School Principal or Executive Director
01612590112797	Coliseum College Prep Academy	Amy Carozza	
01612596057020	Frick Middle	Ruby DeTie	
01612596066450	Madison Park Academy 6-12	Lucinda Taylor	
01612590112763	United for Success Academy	Marcos Garcia	
01612596056998	Bret Harte Middle	April Harris	
01612596057087	Roosevelt Middle	Cliff Hong	

After School Education and Safety Program
Kids Code Grant Pilot Program Application
Authorized Designee Form

An **Authorized Signature** refers to a signature from a person who is eligible to authorize and sign on behalf of an agency or organization in recognition that a grant application has been submitted. In the absence of the authorized signature, a designee is able to sign the After School Education and Safety (ASES) Kids Code Grant Pilot Program application. Signatures from designees will only be accepted with a copy of a recent governing board resolution or minutes specifically authorizing the designee to accept and sign as a proxy for financial statements and legally binding documents.

Signature authority is the permission to execute transactions up to limits established by relevant applicant agency's policies and permission to approve transactions for execution. This approval attests to the appropriateness of the transaction within the applicant's program objectives and budgetary authorizations.

Individuals who receive delegated authority shall have active involvement with the activity being conducted; and have sufficient knowledge of the applicant agency's policies, rules, laws, regulations, and procedures to ensure compliance.

Will an authorized designee sign this application? If yes, a copy of a recent governing board resolution or minutes specifically authorizing the designee to accept and sign as a proxy for financial statements and legally binding documents must be included with the application materials.

Yes ◯   No ⦿

Agency Name:	
Designee Name:	
Designee Title:	
Designee Signature:	
Signature Date:	

California Department of Education
Created 8/14/18

<u>Offering high-quality coding curriculum and our commitment to provide instructional training to coding instructors utilizing a train- the-trainer model.</u>

With this grant funding, the Oakland Unified School District will implement the OUSD Kids Code program, a high-quality after-school coding program for both elementary and middle school students. Kids Code will be launched in 16 schools across Oakland that will provide after-school coding classes for more than 1,600 students each year over the three-year grant period. Students will be invited to participate in engaging coding classes that employ high-quality, Next Generation Science Standards (NGSS) aligned curriculum. In collaboration with our program partner Maker Ed, a national leader in maker education and teacher training, the OUSD's Kids Code program will be designed to engage students in computer science activities and highlight real-world applications so students can see the many ways that they can participate in the computer science industry and how computer science can be used to help their communities.

By supplementing the STEAM (Science, Technology, Engineering, Art, and Math) work that students are doing in classrooms every day, and leveraging existing partnerships and investments in computer science, OUSD's Kids Code will provide students with opportunities to build their knowledge of computer science and build real skills in coding + "making." Program partner, Maker Ed will help design a beginning coding + making curriculum, which will serve as the foundation of the program at every participating school. This core curriculum will provide at least 20 days of coding + making learning (20 one-hour lessons) for elementary and middle school students in after-school programs that is aligned with both NGSS state standards and OUSD's core LCAP goals and strategies. This grant will also help leverage a major investment from Salesforce, which provides site-based investments (both human and financial capital) in all <u>OUSD's middle schools for computer science education.</u>

The elementary Kids Code curriculum will focus on providing youth with the beginning, basic computer and early coding skills needed to support the work they will build on in middle school. Students will begin classes in 3rd grade, and consequently, participate in expanding curriculum that progresses in each grade level. Middle school Kids Code classes will build on skills learned in the elementary school programs, and integrate curriculum from Maker Ed, while also offering classes from other partners like FUSE studios, a national leader in STEAM education, while also aligning with existing day-time classroom curriculum at each site.

OUSD's Kids Code will also collaborate with Maker Ed to design the professional development component of this program. Maker Ed will provide training and facilitation of professional development for site-based after-school staff and Kids Code program leaders. Together, we will host four training-of-trainers (TOT) workshops in the first year for after-school site coordinators

who will commit to then training line staff at their school sites on an annual basis, and also provide leadership and coaching in the program as needed beyond their sites. Maker Ed will continue to provide technical assistance throughout the three-year grant period.

To provide rich, meaningful programs and opportunities for community collaboration, OUSD's Kids Code will provide site-based after-school programs with access to the OUSD Community Partners Database. Each site will supplement the core 20-hour Kids Code program with partnerships and offerings from additional organizations that focus on coding curriculum and maker education. This will allow each site to customize their program deliverables to best fit the needs of their populations of students. Community partners like MESA, Black Girls Code, Hack the Hood, and The Hidden Genius Project are highlighted as key program partners and provide the additional 40 hours of classes at each site.

Ultimately, OUSD's Kids Code program will be designed to achieve the overarching goal to prepare *all* students in our public schools to graduate from high school ready to succeed in college and thrive in STEM careers. By supporting innovative math programs for historically underserved students, providing access and exposure for students to STEM careers through field trips, new technology, technical skills, computer science, and other STEM instruction, we will change the paths of thousands of students in the years to come.

Sustaining the program beyond the three-year pilot program.

With this grant, OUSD will launch the Kid Codes program and collaborate with partners like Maker Ed to design the core 20-hours of coding + making curriculum for elementary and middle school students. This curriculum will be shared online with all participating schools, and made available to all OUSD schools for site-based implementation. Kids Code will also make this curriculum available far beyond the three-year period and also outside of the confines of our school district by sharing the curriculum publicly online so that any interested teachers can access the curriculum.

OUSD's commitment to Computer Science is core to the LCAP goals and is specifically aligned with our strategic focus on STEM. As such, OUSD's central after-school department is partnering with other OUSD central office departments to ensure that the after-school programs have the necessary resources to successfully implement this program. The Technology Services Department has committed to ensuring that each site with an after-school coding class has access to a Chromebook cart (sufficient computers for each participating student). Each site will be supported by the Expanded Learning Team and the Data Tech Lead (OUSD central office employee) who will be responsible for all Chromebook maintenance and providing additional technical support as needed. This will ensure that every site continues to have access to these technologies after this grant sunsets.

Site-based leaders have also been an integral component of this grant process and have

already committed to this program by providing critical resources such as access to classrooms, Chromebook carts, school-day staff support (Data Tech Leads), and other investments.

<u>Inspiring under-represented and underserved students to consider STEM education and careers.</u>

The Oakland Unified School District is a high-need urban district with 37,000 students in grades K-12 at 87 schools. About three out of four students (75%) are low income, and most would be the first in their families to go to college. More than 90% are students of color (Latinos 44% and African-Americans 27%), 50% speak another language at home, 45% live in single parent homes, kinship care, or foster care, 40% receive government assistance, and 25% of students live in public housing.

Through OUSD's multi-year partnership with Salesforce, we are providing students in some of Oakland's most underserved neighborhoods with opportunities they would not otherwise be able to access. Leveraging our collaboration with Salesforce, we are able to provide inspiring experiences for elementary and middle school students like mentorships and role models through Salesforce's network of engineers, classroom visits from Salesforce STEM professionals, and opportunities for students to take field trips to visit professionals at work in the STEM industry.

Partnership with The Hidden Genius Project, a non-profit that trains more than 1,000 African American students in computer science annually, will also provide inspiring experiences for our students. OUSD's Kids Code will match up Hidden Genius Project (HGP) alumni students (high school/college-aged young men who have completed HGP's 15-month Intensive Immersion program) to school sites in or near neighborhoods where they grew up. These Kids Code/ HGP student teachers will serve as both mentors and coding class teachers for elementary school students. With support from an after-school lead instructor, Hidden Genius Project student teachers will facilitate 10-20 hours of coding training that supports students to build the skills they need to create video games, websites, and web-based apps and also focuses on inspiring the students to be problem-solvers in their communities.

After-school lead agencies will also be reaching out to their vast network of partners and industry leaders for additional role models to help broker visits and field trips to neighboring companies. To ensure OUSD's Kids Code engages role models and mentors that reflect the population and demographics of our students, we are working with our partners like <u>Salesforce's OHANA networks</u>, which are employee engagement and affinity groups. We want students to be able to not only see themselves in the role models that participate in this program, but to picture a road that takes them into STEM education and college, and also on the pathway to STEM careers. With help from our

STEM partners in the industry, we will fulfill the promise of OUSD's Kids Code program.

<u>Incorporating STEM College and career components, growing STEM opportunities in education and careers, and STEM internships and field trips that expose youth to STEM college opportunities and careers.</u>

Through our partnerships with Salesforce and The Hidden Genius Project, students will have access to mentors and role models, as well as STEM industry professionals that both reflect our student population and provide pathways into STEM education, college opportunities, and STEM careers. Partners will work closely with each After School Lead Agency to ensure that all mentors and role models are well equipped to interact with students. Collaborating with our partners, Lead Agencies will provide guidance on strategies to engage kids and how to share their personal story and describe their work in the STEM industry.

Kids Code will also incorporate a career component into each Maker Ed activity, so students are able to feel and think like STEAM professionals. "Today you will be an .... Engineer," staff will tell students as they begin specific activities. Kids Code will also partner with industry professionals to develop opportunities for field trips to local STEM companies and provide information on preparation for STEM education and college.

<u>Digital literacy and responsible use of technology.</u>

OUSD's Kids Code program is designed to incorporate digital literacy as a foundational set of skills that will be embedded into the initial Maker Ed curriculum that all students receive in the first 20 hours/days of classes. Digital literacy and responsible use of technology will be reinforced in the Hidden Genius Project curriculum and partnership and woven into classes throughout the program at each site. We will ensure there are specific activities for all students that address privacy, safety, and appropriate use of technology. After-school lead agencies will also have access to a wealth of resources that address this specific need.

<u>Plan to meet the minimum 60 day requirement and serve 25% of the after school programs enrollment.</u>

OUSD's Kids Code program will provide at least 60-days of programming for students including coding and a multi-system engagement model. Especially in the younger grades, it will be critical to provide a curriculum that is both high-quality and engaging, but not an overwhelming first experience for kids. With a multi-system model of engagement and support, we will incorporate various coding activities for students to explore and continue to be engaged. Maker Ed coding will focus on providing 20 hours

(1-hour lessons) of coding activities for students in Robotics, architecture, music, and animation. We will also provide an additional 20 hours/ days of classes in collaboration with our partners at FUSE studios and The Hidden Genius Project, providing students with classes in coding language literacy, game design, and website development among many other options. Since some of these classes will be taught by college students and OUSD high school Hidden Genius Project alumni and will include new coding activities, they will keep kids engaged and invested in the Kids Code program throughout the year. After-school lead agencies will also have the flexibility to design their own coding curriculum in collaboration with community partners that have been approved by OUSD, which will provide a combined minimum of 40 hours. After-school lead agencies will ensure that each site meets or exceeds the requirement to enroll students for a total of 60 combined days of programming and enroll 25% of current students through our student enrollment tracking system. Attendance for each coding class will be monitored and tracked daily, and protocols will be in place for student recruitment and waitlist procedures for each site to ensure they are always 100% enrolled.

After School Education and Safety Program
Kids Code Grant Pilot Program Application
Award Calculator

Funding Categories:
- Up to 600 students—$50,000 maximum
- 601–899 students—$65,000 maximum
- 900 or more students—$80,000 maximum

County-District-School Code	School Name	School Type	Total School Enrollment	Days of Operation	Students Served	Total Amount Requested
01612590112797	Coliseum College Prep Academy	M	485	60	111	$50,000.00
01612596002190	Esperanza Elementary	E	345	60	82	$50,000.00
01612596057020	Frick Middle	M	231	60	91	$50,000.00
01612590115576	Futures Elementary	E	315	60	83	$50,000.00
01612590115584	Global Family	E	444	60	83	$50,000.00
01612590115618	Greenleaf Elementary	E	637	60	83	$65,000.00
01612596096523	La Escuelita Elementary	E	409	60	111	$50,000.00
01612596066450	Madison Park Academy 6-12	M	773	60	110	$65,000.00
01612596002059	Markham Elementary	E	331	60	83	$50,000.00
01612596072235	Martin Luther King, Jr. Elementary	E	315	60	83	$50,000.00
01612596002125	Prescott	E	153	60	90	$50,000.00
01612590110262	Rise Community	E	234	60	80	$50,000.00
01612590112763	United for Success Academy	M	370	60	111	$50,000.00
01612596057087	Roosevelt Middle	M	570	60	185	$50,000.00
01612596056998	Bret Harte Middle	M	567	60	111	$50,000.00
01612596118616	International Community	E	293	60	83	$50,000.00

Note: The minimum number of operational days for the After School Education and Safety Kids Code Grant Pilot Program is 60 days per school site.

California Department of Education
Created 8/14/18

Provide a sample, three-year budget for each funding category for which the applicant is applying ($50,000; $65,000; or $80,000). If applying for multiple sites, and/or multiple funding categories, only one sample budget per funding category is required. The budget does not need to be equal amounts each year.

Year One—Fiscal Year 2018–19

Note: Grant payments will not occur until January 2019 at the earliest. The budget for year one should reflect this timeline accordingly.

Series Description	Series Category	Description	Requested Budget
Certificated Personnel Salaries	1000		$0
Classified Personnel Salaries	2000		$0
Employee Benefits	3000		$0
Books and Supplies	4000	FUSE Discover	$7,000.00
Services and Other Operating Expenditures	5000		$0
Subcontracts and Agreements	5100	Maker Ed Curriculum and Train-the-Trainer PD (20 hrs of curriculum + 4 2-hour PD)	$2,602
Indirect Costs	7000	Oakland Unified Indirect Cost 3.98%	$398.00
		Total Amount Requested	$10,000

California Department of Education
Created 8/14/18

Year Two—Fiscal Year 2019–20

Series Description	Series Category	Description	Requested Budget
Certificated Personnel Salaries	1000		$0
Classified Personnel Salaries	2000		$0
Employee Benefits	3000		$0
Books and Supplies	4000	FUSE Kits	$2,500
Services and Other Operating Expenditures	5000	After-School Lead Agency (Program Staff & Field Trips)	$12,000
Subcontracts and Agreements	5100	Maker Ed Curriculum and Train-the-Trainer PD (20 hrs of curriculum + 4 2-hour PD) Hidden Genius (20 hrs of High School Mentors Staff Time)	$3,703.62 $1000
Indirect Costs	7000	Oakland Unified Indirect Cost 3.98%	$796.38
		Total Amount Requested	$20,000

Year Three—Fiscal Year 2020–21

Series Description	Series Category	Description	Requested Budget
Certificated Personnel Salaries	1000		$0
Classified Personnel Salaries	2000		$0
Employee Benefits	3000		$0
Books and Supplies	4000	FUSE Kits	$2,500
Services and Other Operating Expenditures	5000	After-School Lead Agency (Program Staff & Field Trips)	$12,000
Subcontracts and Agreements	5100	Maker Ed Curriculum and Train-the-Trainer PD (20 hrs of curriculum + 4 2-hour PD) Hidden Genius (20 hrs of High School Mentors staff time)	$3,703.62 $1000
Indirect Costs	7000	Oakland Unified Indirect Cost 3.98%	$796.38
		Total Amount Requested	$20,000

After School Education and Safety Program
Kids Code Grant Pilot Program

Certified Assurances
Page 1

These Certified Assurances, per California *Education Code* (*EC*), are required as part of the After School Education and Safety grant Kids Code Grant Pilot Program.

Note: All grantees are required to retain on file a copy of the General Assurances for their records and for audit purposes. Please download the latest General Assurances on the California Department of Education (CDE) Funding Forms web page at https://www.cde.ca.gov/fg/fo/fm/ff.asp. Grantees should not submit General Assurances to the CDE.

On behalf of the applicant agency, the authorized signature or designee and all co-applicants (if applicable) hereby agree to, and certify the following:

1. The program agrees to follow all fiscal reporting and auditing standards required by the CDE (*EC* Section 8482.3[f][5]).

2. As required by the CDE, programs will submit program attendance on a semiannual basis (*EC* sections 8482.3[f][10][B] and 8484[a][1][B]).

3. Every pupil attending a school operating a program is eligible to participate in the program, subject to program capacity (*EC* Section 8482.6).

4. Offsite programs will ensure communication among teachers in the regular school program, after school staff, and parents of students. (*EC* Section 8482.8[a][2]).

5. The program will assume fiscal accountability (*EC* Section 8483.3[c][9]).

6. The program will ensure that the program maintains a pupil-to-staff member ratio of no more than twenty-to-one (*EC* Section 8483.4). The funding for this program cannot be used as part of the ASES core program twenty-to-one pupil-to-staff ratio.

7. All program staff and volunteers will be subject to the health screening and fingerprint clearance requirements in current law and district policy for school personnel and volunteers in the school district (*EC* Section 8483.4).

8. All funds expended will supplement, but not supplant, existing funding for after school programs. State categorical funds for remedial education activities shall not be used to make the required contribution of local funds for those after school programs (*EC* sections 8483.5[e] and 8483.7[b]).

9. A program may expend on indirect costs no more than the lesser the school district's indirect cost rate, as approved by the CDE for the appropriate fiscal year or five percent of the state program funding received (*EC* Section 8483.9[a]).

10. An offsite program shall comply with all statutory and regulatory requirements that are applicable to similar programs conducted on the school site (*EC* Section 8484.6[b]).

11. The applicant offers high-quality coding curriculum and a commitment to provide instructional training to coding instructors utilizing a train-the-trainer model.

12. The applicant has established a plan for sustaining the program beyond the three-year pilot program.

13. The applicant inspires pupils to consider STEM education and careers.

14. The applicant incorporates a college and career component that includes information about growing STEM opportunities in education and careers, and STEM internships and field trips that expose youth to STEM college opportunities and careers.

15. The applicant incorporates introductory digital literacy and responsible use of technology into its after school program curriculum.

16. The program will be scheduled a minimum of 60 days and serve at least 25 percent of the after school enrollment.

By signing the Cover Page, I acknowledge understanding of and agreement with California *EC* Certified Assurances 1–16. Please keep a copy for your own records.

The following conditions must be met for an application to be considered for ASES Kids Code Grant Pilot Program funding. If an applicant does not comply with all of the following items, either individual schools or the entire application **will** be disqualified from funding consideration.

Application Disqualifications

1. Application forms (see Application Checklist) that are submitted to the California Department of Education after 5 p.m. on Friday, October 26, 2018 will be disqualified. **Postmarks will not be accepted.** Applications that are sent by guaranteed, overnight, priority mail, or other means must include verifiable documentation from the delivery service assuring delivery date by the due date and time. Dates printed on Mobile Bar Codes, such as the Quick Response Codes available at the US Postal Service, are not considered postmark dates for the purpose of determining timely filing of an application.

2. A Cover Page without an original authorized signature, or without a designee signature submitted with a copy of a recent governing board resolution or minutes clearly authorizing the designee to accept and sign as a proxy for financial statements and legally binding documents, will be disqualified.

3. An individual school that is not a currently funded ASES grantee is ineligible and **will** be disqualified.

4. An individual school without a Program Requirements Narrative describing each of the six elements **will** be disqualified.

5. An individual school not in Good Standing, as defined in the Request for Applications, **will** be disqualified.

Individual School Site Disqualifications

6. A Signature and Approvals Form without an original signature from the school site principal or executive director from a direct-funded charter school will be disqualified.

7. The school must have an active County-District-School (CDS) code at the time the application is submitted or the site will be disqualified.

After School Education and Safety Program
Kids Code Grant Pilot Program Application

Disqualification Form
Page 2

Note: Although applicants with active CDS codes are eligible to apply the school must have verifiable Free and Reduced-Price Meal (FRPM) data through the California Longitudinal Pupil Achievement Data System to be considered in the funding determination. The Expanded Learning Division will not accept the Estimated FRPM Worksheet.

Note: **All signatures must be original "wet" signatures using blue ink. Applications that are submitted with signature stamps, electronic stamps, or any form of reproduced stamp will be disqualified.**

OUSD Kids Code
CDE/ ASES Coding Pilot Grant Narrative

<u>Offering high-quality coding curriculum and our commitment to provide instructional training to coding instructors utilizing a train- the-trainer model.</u>

With this grant funding, the Oakland Unified School District will implement the OUSD Kids Code program, a high-quality after-school coding program for both elementary and middle school students. Kids Code will be launched in 16 schools across Oakland that will provide after-school coding classes for more than 1,600 students each year over the three year grant period. Students will be invited to participate in engaging coding classes that employ high-quality Next Generation Science Standards (NGSS) aligned curriculum. In collaboration with our program partner Maker Ed, a national leader in maker education and teacher training, the OUSD's Kids Code program will be designed to engage students in computer science activities and highlight real-world applications so students can see the many ways that they can participate in the computer science industry and how computer science can be used to help their communities.

By supplementing the STEAM (Science, Technology, Engineering, Art, and Math) work that students are doing in classrooms every day, and leveraging existing partnerships and investments in computer science, OUSD's Kids Code will provide students with opportunities to build their knowledge of computer science and build real skills in coding + "making." Program partner, Maker Ed will help design a beginning coding + making curriculum, which will serve as the foundation of the program at every participating school. This core curriculum will provide at least 20 days of coding + making learning (1 hour lessons) for elementary and middle school students in after-school programs that is aligned with both NGSS state standards and OUSD's core LCAP goals and strategies. This grant will also help leverage a major investment from Salesforce, which provides site-based investments (both human and financial capital) in all <u>OUSD's middle schools for computer science education.</u>

The elementary Kids Code curriculum will focus on providing youth with the beginning, basic computer and early coding skills needed to support the work they will build on in middle school. Students will begin classes in 3rd grade, and consequently, participate in expanding curriculum that progresses in each grade level. Middle school Kids Code classes will build on skills learned in the elementary school programs, and integrate curriculum from Maker Ed, while also offering classes from other partners like FUSE studios, a national leader in STEAM education, while also aligning with existing day-time classroom curriculum at each site.

OUSD's Kids Code will also collaborate with Maker Ed to design the professional development component of this program. Maker Ed will provide training and facilitation of professional development for site-based after-school staff and Kids Code program leaders. Together, we will host four training-of-trainers (TOT) workshops in the first year for after-school site coordinators who will commit to then training line staff at their school sites on an annual basis, and also

provide leadership and coaching in the program as needed beyond their sites. Maker Ed will continue to provide technical assistance throughout the three year grant period.

To provide rich, meaningful programs and opportunities for community collaboration, OUSD's Kids Code will provide site-based after-school programs with access to the OUSD Community Partners Database. Each site will supplement the core 20-hour Kids Code program with partnerships and offerings from additional organizations that focus on coding curriculum and maker education. This will allow each site to customize their program deliverables to best fit the needs of their populations of students. Community partners like MESA, Black Girls Code, Hack the Hood, and The Hidden Genius Project are highlighted as key program partners and provide the additional 40 hours of classes at each site.

Ultimately, OUSD's Kids Code program will be designed to achieve the overarching goal to prepare *all* students in our public schools to graduate from high school ready to succeed in college and thrive in STEM careers. By supporting innovative math programs for historically underserved students, providing access and exposure for students to STEM careers through field trips, new technology, technical skills, computer science, and other STEM instruction, we will change the paths of thousands of students in the years to come.

Sustaining the program beyond the three-year pilot program.

With this grant, OUSD will launch the Kid Codes program and collaborate with partners like Maker Ed to design the core 20 hours of coding + making curriculum for elementary and middle school students. This curriculum will be shared online with all participating schools, and made available to all OUSD schools for site-based implementation. Kids Code will also make this curriculum available far beyond the three-year period and also outside of the confines of our school district by sharing the curriculum publicly online so that any interested teachers can access the curriculum.

OUSD's commitment to Computer Science is core to the LCAP goals and is specifically aligned with our strategic focus on STEM. As such, OUSD's central after-school department is partnering with other OUSD central office departments to ensure that the after-school programs have the necessary resources to successfully implement this program. The Technology Services Department has committed to ensuring that each site with an after-school coding class has access to a Chromebook cart (sufficient computers for each participating student). Each site will be supported by the Expanded Learning Team and the Data Tech Lead (OUSD central office employee) who will be responsible for all Chromebook maintenance and providing additional technical support as needed. This will ensure that every site continues to have access to these technologies after this grant sunsets.

Site-based leaders have also been an integral component of this grant process and have already committed to this program by providing critical resources such as access to classrooms, Chromebook carts, school-day staff support (Data Tech Leads), and other

investments.

<u>Inspiring under-represented and underserved students to consider STEM education and careers.</u>

The Oakland Unified School District is a high-need urban district with 37,000 students in grades K-12 at 87 schools. About three out of four students (75%) are low income, and most would be the first in their families to go to college. More than 90% are students of color (Latinos 44% and African-Americans 27%), 50% speak another language at home, 45% live in single parent homes, kinship care, or foster care, 40% receive government assistance, and 25% of students live in public housing.

Through OUSD's multi-year partnership with Salesforce, we are providing students in some of Oakland's most underserved neighborhoods with opportunities they would not otherwise be able to access. Leveraging our collaboration with Salesforce, we are able to provide inspiring experiences for elementary and middle school students like mentorships and role models through Salesforce's network of engineers, classroom visits from Salesforce STEM professionals, and opportunities for students to take field trips to visit professionals at work in the STEM industry.

Partnership with The Hidden Genius Project, a non-profit that trains more than 1,000 African American students in computer science annually, will also provide inspiring experiences for our students. OUSD's Kids Code will match up Hidden Genius Project (HGP) alumni students (high school/college-aged young men who have completed HGP's 15-month Intensive Immersion program) to school sites in or near neighborhoods where they grew up. These Kids Code/ HGP student teachers will serve as both mentors and coding class teachers for elementary school students. With support from an after-school lead instructor, Hidden Genius Project student teachers will facilitate 10-20 hours of coding training that supports students to build the skills they need to create video games, websites, and web-based apps and also focuses on inspiring the students to be problem-solvers in their communities.

After-school lead agencies will also be reaching out to their vast network of partners and industry leaders for additional role models to help broker visits and field trips to neighboring companies. To ensure OUSD's Kids Code engages role models and mentors that reflect the population and demographics of our students, we are working with our partners like <u>Salesforce's OHANA networks</u>, which are employee engagement and affinity groups. We want students to be able to not only see themselves in the role models that participate in this program, but to picture a road that takes them into STEM education and college, and also on the pathway to STEM careers. With help from our STEM partners in the industry, we will fulfill the promise of OUSD's Kids Code program.

Incorporating STEM College and career components, growing STEM opportunities in education and careers, and STEM internships and field trips that expose youth to STEM college opportunities and careers.

Through our partnerships with Salesforce and The Hidden Genius Project, students will have access to mentors and role models, as well as STEM industry professionals that both reflect our student population and provide pathways into STEM education, college opportunities, and STEM careers. Partners will work closely with each After School Lead Agency to ensure that all mentors and role models are well equipped to interact with students. Collaborating with our partners, Lead Agencies will provide guidance on strategies to engage kids and how to share their personal story and describe their work in the STEM industry.

Kids Code will also incorporate a career component into each Maker Ed activity, so students are able to feel and think like STEAM professionals. "Today you will be an …. Engineer," staff will tell students as they begin specific activities. Kids Code will also partner with industry professionals to develop opportunities for field trips to local STEM companies and provide information on preparation for STEM education and college.

Digital literacy and responsible use of technology.

OUSD's Kids Code program is designed to incorporate digital literacy as a foundational set of skills that will be embedded into the initial Maker Ed curriculum that all students receive in the first 20 hours/days of classes. Digital literacy and responsible use of technology will be reinforced in the Hidden Genius Project curriculum and partnership and woven into classes throughout the program at each site. We will ensure there are specific activities for all students that address privacy, safety, and appropriate use of technology. After-school lead agencies will also have access to a wealth of resources that address this specific need, employing resources like EVERFI.

Plan to meet the minimum 60 day requirement and serve 25% of the after school programs enrollment.

OUSD's Kids Code program will provide at least 60 days of programming for students including coding and a multi-system engagement model. Especially in the younger grades, it will be critical to provide a curriculum that is both high-quality and engaging, but not an overwhelming first experience for kids. With a multi-system model of engagement and support, we will incorporate various coding activities for students to explore and continue to be engaged. Maker Ed coding will focus on providing 20 hours (1 hour lessons) of coding activities for students in Robotics, architecture, music, and animation. We will also provide an additional 20 hours/ days of classes in collaboration with our partners at FUSE studios and The Hidden Genius Project, providing students with classes in coding language literacy, game design, and website development

among many other options. Since some of these classes will be taught by college students and OUSD high school Hidden Genius Project alumni and will include new coding activities, they will keep kids engaged and invested in the Kids Code program throughout the year. After-school lead agencies will also have the flexibility to design their own coding curriculum in collaboration with community partners that have been approved by OUSD, which will provide a combined minimum of 40 hours. After-school lead agencies will ensure that each site meets or exceeds the requirement to enroll students for a total of 60 combined days of programming and enroll 25% of current students through our student enrollment tracking system. Attendance for each coding class will be monitored and tracked daily, and protocols will be in place for student recruitment and waitlist procedures for each site to ensure they are always 100% enrolled.

⊙USD

Jack Paul Lowe Jr. <jack.lowe@ousd.org>

Re: ASES Kids Code Funding Information

1 message

Martha Pena <martha.pena@ousd.org>   Fri, Mar 1, 2019 at 11:58 AM
To: Jack Lowe <jack.lowe@ousd.org>

On Fri, Feb 22, 2019 at 1:27 PM Andrea Shumate <AShumate@cde.ca.gov> wrote:

Hello Kids Code Pilot Grantees,

And congratulations again on receiving this coding grant. We realize that you are anxious to begin, so here is some information and next steps that will assist you with your program.

Next Steps:

- The Grant Award Notification Letters (AO-400) were sent in the mail on February 20, 2019. Please be on the lookout for them. If you have not received them by Friday March 1, 2019, please contact me and I can get you a copy. Return the original signed document to the address listed on the AO-400 as soon as possible.

- Once the CDE has received your signed original AO-400, the CDE will process the year 1 payment.

- The attached Budget Form must be completed and returned to CDE. Note, this is a grantee level budget. The CDE does not need a budget for each site. Only a budget for each grant amount if applicable.

Attachments:

Attached to this email are three documents:

1. Budget Form
   a. Please fill out the Budget Form and return the original signed document back to the address listed on the form as soon as possible.

2. Expenditure Form

   a. This document needs to be tracked on a quarterly basis but will only be submitted to the CDE on an annual basis (July 31). This document is to be signed and submitted via mail to the address listed on the form annually.

3. Attendance Form

   a. This document needs to be tracked on a semi-annual basis but will only be submitted to the CDE on an annual basis (July 31). This document is to be signed and submitted via mail to the address listed on the form annually.

Reminders:

The money will be dispersed by the following schedule:

- Year 1 (2018–19)—40 percent of the total grant award

- Year 2 (2019–20)—40 percent of the total grant award

  - Year 2 funds will be dispersed after all reporting requirements for Year 1 have been received by the CDE.

- Year 3 (2020–21)—20 percent of the total grant award

  - Year 3 funds will be dispersed with 10 percent at the beginning of fiscal Year 3 and 10 percent after all reporting requirements have been received by the CDE.

Funds may be carried over from year to year, but any unspent funds must be returned to CDE at the end of Year 3.

Grant Requirements:

- Coding classes must be offered for at least 20 days in Year 1 (2018–19 school year).

- In Years 2 and 3, coding classes must be offered for a minimum of 60 days each school year.

- The minimum requirement for the number of coding days is not flexible.

- One day of coding is one calendar day (offering three coding classes per day does not equate to three days of coding).

- There is no set time limit for coding classes, but we recommend at least one hour per day.

- Funds from the Kids Code Pilot Grant Program may not be used to fund summer coding classes.

- At least 25 percent of the total After School Education and Safety enrollment must participate in the coding program.

If you have any questions please feel free to contact me at 916-445-5620 or by e-mail at ashumate@cde.ca.gov

Thank you!

Andrea Shumate

Associate Governmental Program Analyst

Expanded Learning Division

California Department of Education

1430 N Street, Sacramento, CA 95814

Phone: 916-445-5620

http://www.cde.ca.gov/ls/ba/

acebook.com/CaliforniaExpandedLearningPrograms

@CaELPrograms

California's Expanded Learning Programs are an integral part of young people's education, engaging them in year-round learning opportunities that prepare them for college, career, and life.

–

Martha Peña
Coordinator, Expanded Learning Programs
Community Schools & Student Services
Oakland Unified School District
Every Student Thrives!
http://www.ousd.org/summerlearning
martha.pena@ousd.org
510.879.2885

Site	Grant Amount	Direct Cost	Year 1				Year 2				Year 3				Left over
			5000 Maker Ed	5025 Lead Agency	4000 Supplies	5000 Hidden Games	5000 Maker Ed	5025 Lead Agency	4000 Supplies	5000 Hidden Genius	6000 Maker Ed	5025 Lead Agency	4000 Supplies	6000 Hidden Genius	
Madison Park Academy (Middle)	$65,000.00	$67,400.00	6,000	13,000	5000	200	5,000	15,000	1400	200	0	13,800	1000	200	$0.00
Martin Luther King Jr. Elementary	$50,000.00	$49,000.00	5,000	10,000	5000	200	5,000	10,000	1400	200	0	10,000	1000	200	$0.00
Frick Middle	$50,000.00	$49,000.00	5,000	10,000	5000	200	5,000	10,000	1400	200	0	10,000	1000	200	$0.00
Coliseum College Prep Academy (Middle)	$50,000.00	$49,000.00	5,000	10,000	5000	200	5,000	10,000	1400	200	0	10,000	1000	200	$0.00
Rise Community (Elementary)	$50,000.00	$49,000.00	5,000	10,000	5000	200	5,000	10,000	1400	200	0	10,000	1000	200	$0.00
Markham Elementary	$50,000.00	$49,000.00	5,000	10,000	5500	200	5,000	10,000	1400	200	0	10,000	1000	200	$0.00
Futures Elementary	$50,000.00	$49,000.00	5,000	10,000	6000	200	5,000	10,000	1400	200	3	10,000	1000	200	$0.00
Global Family (Elementary)	$50,000.00	$49,000.00	5,000	10,000		200	5,000	10,000	1400	200	0	10,000	1000	200	$0.00
															Total
Total:	$415,000.00	$398,400.00	$40,000.00	$85,000.00	$40,000.00	$1,600.00	$40,000.00	$85,000.00	$11,200.00	$1,600.00	$0.00	$83,800.00	$8,600.00	$1,600.00	$398,400.00

	Total Year 1:	$166,600.00	Total Year 2:	$137,600.00	Total Year 3:	$94,000.00

	Total Maker Ed	$80,000.00
	Total Supplies	$59,800.00
	Total Lead Agency	$253,800.00
	Hidden Genius	$4,800.00
		$398,400.00

$22 an hour X 3hr a day X how many lesson days

Community