



LINKED LEARNING HIGH SCHOOL OFFICE

To: Measure N Commission
From: Matin Abdel-Qawi, High School Network Superintendent
Subject: **Measure N Recommendations for 2019-2020 Carryover Funds, Part II**
Date: November 18, 2020

OVERVIEW & OBJECTIVE

Twenty-two OUSD district schools and charter schools have unspent Measure N funds from the 2019-2020 fiscal year. During the November Measure N Commission meeting, the 2019-2020 Measure N Carryover Justification Form for six schools were approved.

Of the remaining sixteen schools seeking approval, eight have submitted their 2019-2020 Measure N Carryover Justification Form that articulate the context that contributed to the carryover, the amount of carryover, the percentage of Measure N funds that are being carried over, and a clear budget for the carryover funds. Schools also indicated if their budgets reflected already approved expenditures and the rationale for seeking additional funds. The remaining eight schools with carryover funds have requested for additional time to develop their budgets and will submit their 2019-2020 Measure N Carryover Justification Form to the January Measure N Commission meeting.

Seven of the eight schools who have submitted their 2019-2020 Measure N Carryover Justification Form for approval have carryover funds that are ten percent or more than the Measure N funds received. Per Measure N Commission policy, these nine schools require direct Measure N commission approval of the carryover justification form.

Measure N staff have reviewed the 2019-2020 Measure N Carryover Justification Forms and provided feedback to school sites that were addressed before submission to the Measure N Commission.

SUMMARY

Staff recommendations are as follows:

Legislative File ID No.	School	Staff Recommendation for 2019-2020 Measure N Carryover Justification Form	Percentage of Total Measure N Funds Received to Carryover	2019-2020 Measure N Carryover Total Amount
20-2347	Coliseum College Preparatory Academy	Approve	62%	\$149,905.96
20-2348	Madison Park Academy	Approve	26%	\$152,596.41
20-2351	Oakland Technical High School	Approve	34%	\$725,394.47
20-2352	Skyline High School	Approve	39%	\$671,895.92
20-2355	ARISE	Approve	75%	\$374,361.95
20-2356	Aspire Lionel Wilson College Preparatory Academy	Approve	8%	\$10,439.83
20-2360	Fremont High School	Approve	13%	\$128,686.86



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20-2361	Community Day School	Approve	29%	\$14,109.61
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2019-2020 Measure N Carryover Funds	\$2,227,391.01
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School Name: OAKLAND TECHNICAL HIGH SCHOOL**Site Number:** 305**MEASURE N 2019-2020 CARRYOVER JUSTIFICATION FORM****Why were you unable to expend all your funds in 2019-2020 school year?**

Oakland Tech experienced many barriers to implementing the WBL opportunities, field trips, opportunities for teacher collaboration and curriculum development, and the summer ECCO program when the school was closed in March 2020 and distance learning began. At that time, the school staff did not have the capacity to make modifications to the approved budget that would accommodate the constraints of distance learning.

Total Measure N Funds Received in Fiscal Year 2019-2020
(including accumulated carryover from previous years)

\$2,144,366.90

Final Carryover Amount from Fiscal Year 2019-2020

\$725,394.47

Final Carryover Amount from Fiscal Year 2019-2020

\$725,394.47

Total Budgetted Amount

\$725,394.47

Percentage of 2019-2020 Measure N Funds to Carryover

34%

Remaining Amount

\$0.00

Commission Approval Required*(Required if percentage of funds to carry over is 10% or more)*

Yes

Please provide a detailed explanation as to how the carryover amount will be used to help you achieve your theory of action, address your root cause analysis, and supports and aligns to specific parts of your SPSA to support students and pathway development.

**Proper justification is required below and should be used when creating Escape purchase order requests, budget transfer or journal entry requests, HRA's requests, consultant contracts online, etc. Examples that can be used are available in the Proper Justification Form linked below.

[Measure N Permissible Expenses](#)[Proper Justification](#)**Directions:** [Measure N Guide v2](#)**Budget Justification:**

One to two sentences that provides the following information:

- What the specific expenditure, vendor, or service is?
- How the specific expenditure, vendor, or service provided is aligned to pathway development?
- What need this specific expenditure or service addresses?

COST**OBJECT CODE****OBJECT CODE
DESCRIPTION****POSITION
TITLE****FTE****WHOLE
SCHOOL /
PATHWAY
NAME****Which Linked
Learning pillar
does this support?**

<p>CTE Supplies & Materials: Screen printing materials and supplies required for new three-year progression of pathway-integrated capstone project skills to ensure integration of CTE industry standards. By helping students develop skills for future work-based learning experiences, we will improve industry connections to facilitate internship opportunities and to maintain curriculum current in order to provide student experiences that are relevant to current industry standards.</p> <p>Total Cost = \$8481.65</p> <p>Quantity: 80</p> <p>Number of students served: 80</p> <p>Expected improvement in student engagement: Addition of a new high-interest technical skill to the program. This expenditure is directly related to student interest. It brings a career-related workshop directly to our students during distance learning in a design process that is extremely motivational for our students.</p> <p>Included in approved 2020-2021 Measure N Plan? No. There initially was an approved expenditure for students to embark on a career exploration workshop (field trip) in this discipline, but due to COVID-19, we are not able to participate in career exploration visits on-site. This expenditure has created the possibility for this workshop to still occur, but in distance learning.</p> <p>Distance Learning Plan: Kits will be delivered to scholars. Teacher(s) will use explicit instructions to model the process and procedures. Scholars will have the opportunity to engage in WBL and PBL during distance learning.</p> <p>Modification to the existing screen printing unit for distance learning; students will prepare artwork using our Remote Labs setup in distance learning, which provides access to our lab configuration at school with industry-standard design programs. Instead of preparing the screens and printing at school, students will receive their prepared screens and materials in a kit provided by this vendor and print remotely.</p>	\$8,481.65	4310	School Office Supplies			FADA	Rigorous Academics, Technical Skills, WBL
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<p>Industry and Collaboration with the California College of the Arts - Supplemental Supplies, In service of portfolio development and college and career readiness, such as art portfolios, art supplies (industry-standard paper, pastels, pencils), and printing material.</p> <p>Quantity: Undetermined at this time as research is ongoing</p> <p>Number of students served: 260</p> <p>Total Cost: \$4926.57</p> <p>Number of students served: 165</p> <p>Expected improvement in student engagement: Students will experience improved engagement with the use of these industry-standard materials because these materials help support students in their transition from FADA to college and career. Having access to industry-aligned portfolio preparation materials will boost confidence in our students as they prepare for portfolio presentations with colleges and universities and develop their body of work for career opportunities.</p> <p>Included in approved 2020-2021 Measure N Plan? Yes</p> <p>Reason for increased allocation: 2020-2021 allocation only provided supplies for a fraction of the students so that students would need to share portfolios, so this increase will provide CTE-aligned supplies for every student and ensure wider student participation.</p> <p>Distance Learning Plan: Students will receive materials at home for use in our collaboration with the California College of the Arts. California College of the Arts will facilitate our portfolio workshop and portfolio reviews for students virtually.</p>	\$4,926.57	4310	School Office Supplies			FADA	Rigorous Academics, WBL
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<p>CTE Technology: CTE-aligned iMac desktop computers required to increase the number of Graphic Design computer lab stations in order to expand the number of students in this pathway strand ensuring more complete integration of CTE industry standards.</p> <p>Total Cost = \$6593 (4 x \$1499 = \$5996 + tax, shipping = \$6593)</p> <p>Number of Students Served = 20 students/year for 7+ years over lifetime of equipment</p> <p>How is the specific expenditure, vendor, or service provided aligned to pathway development? This expenditure is aligned The Linked Learning approach of Career and Technical Education, which exposes students to major industries, giving them a better understanding of the types of career paths and jobs available, that help students progressively gain the knowledge and skills that can give them the head start on a successful career and transition to post-secondary education.</p> <p>Student Outcomes: Continuity of learning structures and expectations among cohorted classes in our academy; vertical alignment of project-based experiences; multiple entry points of access to curriculum that is based on our students' strengths and interests; support by a team of teachers; increased preparation for college and career readiness; high-interest and high functioning equipment and increased opportunity in the Graphic Design lab will increase student interest and engagement in the program.</p> <p>Included in approved 2020-2021 Measure N Plan? No.</p> <p>Distance Learning Plan: Students will have use of this equipment and industry-standard design programs through Remote Access, which has already been set up by OUSD IT department for FADA computer labs.</p>	\$6,593.00	4420	Computer < \$5,000				
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<p>CTE-aligned technology devices and accessories required for new three-year progression of Fashion, Art & Design Pathway capstone project lessons to ensure integration of CTE industry standards</p> <p>Total Cost: \$2616.24</p> <p>Expenditures: Wacom Intuos Creative Pen Small - digitizer - USB - black: 10 x \$79.79 = \$797.90 + tax, shipping = \$877.69; WACOM INTUOS STYLUS PEN LP190K: 10 x \$36.09 = \$360.90 + tax, shipping = \$396.99; SAMSUNG 860 EVO 500GB SATA 2.5" SSD 6 x \$58.89 = \$353.34 + tax, shipping = \$388.67; Kodak PIXPRO Friendly Zoom FZ43 - digital camera 4 x \$75.04 = \$300.16 + tax, shipping = \$330.17 Canon EOS Rebel T7 - digital camera EF-S 18-55mm IS II lens 1 x \$436.99 = \$436.99 + tax, shipping = \$480.69 TRANSCEND 2GB SD CARD 6 x \$8.54 = \$51.24 + tax, shipping = \$57.37 SanDisk Extreme Pro - flash memory card - 64 GB - SDXC UHS-I 2 x \$24.69 = \$49.38 + tax, shipping = \$54.32 Case Logic DSLR Shoulder Bag - carrying bag for camera and lenses 1 x \$28.49 = \$28.49 + tax, shipping = \$31.34</p> <p>Number of students served: 260</p> <p>Expected improvement in student engagement: This expenditure will provide students with an enriched learning experience by enabling them to build skills and expertise in the use of industry standard technological equipment aligned to our academy theme. Students' learning experiences are enhanced by this technology through engagement in tandem with industry-standard digital design programs and the design process, therefore preparing students for college, career, and community; high-interest and high functioning equipment and increased opportunity in the Graphic Design lab will increase student interest and engagement in the program.</p> <p>Reason for increased allocation: Available 2020-2021 allocation only provided equipment for a fraction of the stations, so this increase will provide CTE-aligned devices at every station and ensure wider student participation.</p> <p>Included in approved 2020-2021 Measure N Plan? No</p> <p>Distance Learning Plan: Students will have use of this equipment during distance learning.</p>	\$2,616.24	4410	Equipment < \$5,000				
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<p>Teacher Salaries Stipends: Extended Contracts for the Pathway Lead team (includes salary and benefits) to provide curricular and structural supports schoolwide through collaboration to provide professional development and teacher support to continue to build out the pathway model and ensure alignment of all classes to the mission and vision of the school to increase scholar retention and reduce dropout rates (\$38.50/hour for 90 hours = \$3,465 + 25% benefits = \$4,331.25 x 17 members = 73,631.25 is already allocated. Additional \$2000 being allocated so Pathway Leads can meet for more time.</p> <p>Number of students served: 1000</p> <p>Expected improvement in student engagement: collaboration with case managers to identify and support at-risk and underserved students will allow a greater number of students to be engaged, and coordinated and new high-interest curriculum will help them find relevance in the pathway program</p> <p>Included in approved 2020-2021 Measure N Plan? Yes</p> <p>Reason for increased allocation: distance learning has significantly increased the number of students who are at-risk, and additional meetings with case managers are required; additional methods and curriculum are required during distance learning that were not anticipated when the original plan was approved.</p>	\$42,000.00	1120	Certificated Teachers' Salaries: Stipends			Computer, Engineering, FADA, Health, RPL	Rigorous Academics, WBL
<p>Teacher Salary Stipends: Extended Contracts for Department Heads to develop and support increased horizontal alignment across courses and grade levels to allow for effective project-based learning within pathways and capstone development (72 hours @ \$38.50/hr = \$2,772.00 + 25% = \$3,465.00 x 7 large departments = \$24,255.00) (36 hours @ \$38.50 = \$1,386.00 + 25% = \$1,723.50 x 3 small departments = \$5,197.50)</p> <p>Quantity: 7 large departments and 3 small departments; total 8.5</p> <p>Number of students served: 1952</p> <p>Expected improvement in student engagement: increase relevance and integration of pathway connections in every class and bring a sharper equity focus to student outcomes</p> <p>Included in approved 2020-2021 Measure N Plan? No</p>	\$30,000.00	1120	Certificated Teachers' Salaries: Stipends			Whole School	Building the Conditions, Rigorous Academics
<p>Teacher Salaries Stipends: Extended Contracts for ECCCO (Exploring College and Career Opportunities) summer teachers to support students in finding and completing summer internships that can be done virtually and provide work-based curriculum that can be completed virtually to ensure that students participate in work-based learning</p> <p>Number of students served: 100</p> <p>Expected improvement in student engagement: addition of high-interest internships with teacher support and mentoring will increase student engagement</p> <p>Included in approved 2020-2021 Measure N Plan? No</p>	\$25,000.00	1120	Certificated Teachers' Salaries: Stipends			Computer, Engineering, FADA, Health, RPL	WBL
<p>Teacher Salaries Stipends: Extended Contracts for teachers to collaborate and create new pathway-aligned interdisciplinary project-based learning units for distance learning to support pathway development, capstone and cornerstone projects, and participation of students in rigorous academic learning</p> <p>Quantity: estimated 50 teachers, depending on participation</p> <p>Number of students served: 1952</p> <p>Expected improvement in student engagement: Support from many teachers in the completion of capstone and cornerstone projects will help the student develop confidence and sense of agency in the work</p> <p>Included in approved 2020-2021 Measure N Plan? No</p>	\$40,000.00	1120	Certificated Teachers' Salaries: Stipends			Whole School	Building the Conditions, Rigorous Academics

Consultant Contract with Oakland Public Education Fund to issue stipends to summer pathway students who participate in ECCO (Exploring College and Career Opportunities) summer internships to incentivize students to participate in virtual work-based learning Number of students served: 100 Expected improvement in student engagement: students experience the sense of accomplishment through receiving compensation for internship work Included in approved 2020-2021 Measure N Plan? No	\$61,500.00	5825	Consultants			Computer, Engineering, FADA, Health, RPL	WBL
Classified Support Salaries Overtime: ET/OT for overtime work required to provide after-school support for students who fall below 2.0 GPA, home visits before and after school for students identified as chronically absent, translation services, Special Education support for pathway classes during non-school hours, and meetings of the Attendance Team with families of off-track students during non-school hours regarding attendance, behavior, discipline, and academic progress. Quantity: estimated 400 hours Number of students served: 1952 Expected improvement in student engagement: increased individualized support for struggling and underserved students focused on high achievement, social-emotional needs, and equity Included in approved 2020-2021 Measure N Plan? No	\$20,000.00	2225	Classified Support Salaries: Overtime			Whole School	Personalized Student Supports
Consultant Contract with Bay Area Community Resources (BACR) to provide Student Support Specialist for each of our 5 pathways to provide Tier 1 supports to 10-12th grade at risk pathway students to ensure they graduate College and Career ready. - SSSs will provide tutoring, counseling, work based learning activities and additional supports as needed. The goal of the SSSs are to reduce disparities and inequities in student achievement. Quantity: Up to cumulative 60 additional hours for 5 Student Support Specialists Number of students served: 1000 Expected improvement in student engagement: increased individualized support for struggling and underserved students focused on high achievement, social-emotional needs, and equity Included in approved 2020-2021 Measure N Plan? Yes Reason for increased allocation: School data shows that the distance learning context has significantly increased both the number of students who need services and the intensity of the services that must be provided.	\$55,430.00	5825	Consultants			Computer, Engineering, FADA, Health, RPL	Personalized Student Supports
Software Subscription: Padlet online software subscription for the whole school required to increase collaboration and rigorous academic conversation among pathway students in the completion of pathway-integrated projects Quantity: subscription for 2000 students (available in blocks of 500) Number of students served: 1952 Expected improvement in student engagement: Padlet has been used by several teachers, and they have experienced a significant increase in student engagement due to its broad interactive features. Included in approved 2020-2021 Measure N Plan? No	\$10,000.00	4310	School Office Supplies			Whole School	Rigorous Academics, Technical Skills

<p>Teacher Salaries Stipends: Extended Contracts to provide 2 Algebra teachers, and 1 administrator required to conduct a 2-week Summer Algebra Recovery Program that will intervene with student who struggled or failed Algebra 1 during distance learning to increase support for students in college preparatory courses and ensure that students are qualified for admission to the University of California and other 4-year university systems and are prepared to succeed in college. Administrator will be an AP, and schedule is after the final day of the AP's contractual year where they do not get paid (Assistant Principals are off-duty after the first week of June; credit recovery would take place during the latter part of June when APs are no longer on-contract).</p> <p>Number of students served: estimated 64</p> <p>Expected improvement in student engagement: opportunity to prepare for credit recovery and success in future math courses, plus case management and mentoring support by Student Support Specialist expected to increase engagement</p> <p>Included in approved 2020-2021 Measure N Plan? No</p>	\$24,500.00	1120	Certificated Teachers' Salaries: Stipends			9th Grade	Rigorous Academics, Personalized Student Supports
<p>Consultant Contract to provide 1 Student Support Specialist required to conduct a 2-week Summer Algebra Recovery Program that will intervene with student who struggled or failed Algebra 1 during distance learning to increase support for students in college preparatory courses and ensure that students are qualified for admission to the University of California and other 4-year university systems and are prepared to succeed in college. Student Support Specialist is different person than the five current Student Support Specialists.</p> <p>Number of students served: estimated 64</p> <p>Expected improvement in student engagement: opportunity to prepare for credit recovery and success in future math courses, plus case management and mentoring support by Student Support Specialist expected to increase engagement</p> <p>Included in approved 2020-2021 Measure N Plan? No</p>	\$500.00	5825	Consultants			9th Grade	Rigorous Academics, Personalized Student Supports
<p>Books Other-Than Textbooks: Purchase CTE Books for RPL Academy English courses required to support cross-disciplinary CTE-aligned project-based learning and capstone projects</p> <p>Quantity: undetermined at this time as research is ongoing</p> <p>Number of students served: 161</p> <p>Expected improvement in student engagement: high-interest resources that students can use at home to complete projects is expected to increase student engagement</p> <p>Included in approved 2020-2021 Measure N Plan? No</p>	\$5,000.00	4200	Books other than Textbooks			RPL	Rigorous Academics
<p>Computers: CTE-aligned laptop computers that will run the specialized software required for 12th grade students to complete their Senior Capstone project in Engineering at home during distance learning to ensure the integration of CTE industry standards. These devices will be distributed to students to use at home following appropriate security procedures.</p> <p>Quantity: 19 (Dell Mobile Precision 3551 @ \$1,409.00 each, plus tax + shipping)</p> <p>Number of students served: 62 each year for 6-year life of the devices</p> <p>Expected improvement in student engagement: increased opportunity to do work at home during distance learning</p> <p>Included in approved 2020-2021 Measure N Plan? No</p>	\$29,342.32	4420	Computer < \$5,000			Engineering	Technical Skills, Rigorous Academics, WBL

Supplies & Materials: CTE-aligned classroom supplies and materials (balsa wood, glue, particle board, ink pens, and similar supplies) for courses integrated in pathway program of study, in order to provide bridge competition and Architecture materials for students to use at home during distance learning to ensure the integration of CTE industry standards. Quantity: Undetermined at this time as research is ongoing Number of students served: 186 Expected improvement in student engagement: increased opportunity to have hands-on experience of designing and building structures that cannot be achieved through by using software alone Included in approved 2020-2021 Measure N Plan? No	\$4,601.00	4310	School Office Supplies			Engineering	Technical Skills, Rigorous Academics, WBL
Conference Expenses for Professional Development: Linked Learning Alliance workshops, seminars, and conventions for counselors, principal, assistant principals, and pathway teachers required to learn best practices of career technical education and pathway development to ensure alignment with CTE industry standards and integration. These workshops all are being held virtually at this time. Quantity: undetermined at this time as research is ongoing Number of students served: 1952 Expected improvement in student engagement: students will experience the benefit of implementation of best practices that administration and pathway leaders learn, resulting in stronger interest in the pathway programs and more engagement with teachers and peers Included in approved 2020-2021 Measure N Plan? No	\$10,000.00	5200	Travel And Conferences			Whole School	Building the Conditions
Substitute Teachers: Substitute teachers will provide coverage of virtual classrooms for teachers to engage in pathway planning dates, classroom observations, and learning walks. Substitute teachers are required during distance learning to record attendance and maintain student engagement just as they do in the classroom. Quantity: undetermined at this time as research is ongoing Number of students served: 1000 Expected improvement in student engagement: students will experience the benefit of implementation of best practices that administration and pathway leaders learn, resulting in stronger interest in the pathway programs and more engagement with teachers and peers Included in approved 2020-2021 Measure N Plan? No	\$6,000.00	1150	Certificated Teachers: Substitutes			Computer, Engineering, FADA, Health, RPL	Building the Conditions
Consultant Contract with Oakland Public Education Fund to train and provide pathway students as peer tutors required to enable many at-risk, minority, underserved, and/or economically disadvantaged students to increase retention and readiness to succeed in college and/or career. Quantity: 10 Tutors (2 hours per week x 14 weeks @\$13 per hour) Number of students served: estimated 200 Expected improvement in student engagement: working with a peer as a tutor increases opportunities for communication and uncovering barriers to learning, resulting in stronger confidence and improved engagement Increases opportunities for WBL and Internships aligned with the Linked Learning 4 Pillars How will this be used during Distance Learning: Peer tutors work with small groups of 3-5 scholars in break out rooms with the support of the classroom teacher(s) and the Student Support Specialist The OPEF will train the scholars and already have a payroll system to support payment of the scholars (We use this during the summer ECCCO program) Included in approved 2020-2021 Measure N Plan? No	\$3,640.00	5825	Consultants			Computer	Rigorous Academics, WBL, Internships

CTE Software Subscription: CTE-aligned online curriculum licenses required to support distance learning and expand the number of technical skills that pathway students will acquire through the pathway course sequence. Quantity: Udemy (\$700), Cisco (\$600), CyberPatriots (\$300), WASTC (\$300), Oracle (\$300), Certipoint (\$100) - Testing, Licensing, or Certification costs: Total Cost: \$2300 Number of students served: 273 Expected improvement in student engagement: addition of a new high-interest technical skills to the program Included in approved 2020-2021 Measure N Plan? No	\$2,300.00	4310	School Office Supplies			Computer	CTE, Rigorous Academics, WBL
CTE Technology: CTE-aligned 3-D printer and filament required to provide additional technical skills and project-based learning opportunities to pathway students to increase student retention, prepare students for college and career, and ensure the integration of CTE industry standards. Quantity: 1 each Number of students served: 273 Expected improvement in student engagement: addition of high-interest technical skill to the program How will this be used during Distance Learning: Scholars have the capacity to print projects from home to the 3D printer at school because it is cloud based This will allow us to increase PBL during distant learning. Included in approved 2020-2021 Measure N Plan? No	\$889.00	4420	Computer < \$5,000			Computer	CTE, Rigorous Academics, WBL
CTE Lab Supplies and/or Materials, Arduino IDE Elegoo uno project super kit Quantity: 1 Kit per scholar (10th Grade) Number of scholars served: 20 x \$49.99 = \$999.80 +tax, shipping = \$1179.76 Expected improvement in scholar learning: Hand-on experiential learning tools used for computer repair, building, and networking. to increase opportunities for students to be college and/or career ready and to provide real-world application. The kit includes: wires, screws, credit card size computer (motor board), cables, sim card, usb cords (Kits will be delivered to scholars homes) Measure N Goal 3: Student Outcomes: Increase voice, engage in real world activities to prepare for college and/or career, increased academic opportunities through a variety of interventions. How will this be used during Distance Learning: Teacher(s) will use explicit instruction by modeling the process and explaining the procedures during virtual instruction. Scholars will be able to demonstrate progress in small groups (break out rooms) and whole group demonstrations. What need this specific expenditure or service addresses? A large number of African American and Latino students drop the CTE classes in 10th grade. At risk and minority students do not have access to some CTE course because they do not have the required skills. How does this expenditure improve student engagement? Arduino and Raspberry Pi can facilitate deeper levels of engagement by helping pathway students think about how they can solve real-world problems. They can use these devices to instill computational thinking practices and skills such as decomposition, pattern recognition, logical thinking, reasoning, communicating, and collaborating. Included in approved 2020-2021 Measure N Plan? No	\$1,180.00	4310	School Office Supplies			Computer	CTE, Rigorous Academics, WBL

<p>CTE Lab Supplies and/or Materials: Raspberry Pi 4 Model B 2019 Quad Core 64 bit WiFi: Quantity: 20 x \$59.99 = \$1,199.8 + tax, shipping = \$1,415.76 Number of scholars: 25 (11th Grade) Hand-on experiential learning tools used for computer repair, building, and networking. to increase opportunities for students to be college and/or career ready and to provide real-world application. The kit includes: wires, screws, credit card size computer (motor board), sensors, system fans, power supply, switches, cables, sim card, usb cords (Kits will be delivered to scholars homes) Expected improvement in student engagement: addition of high-interest technical skill to the program Scholars have the capability of constructing the project from home This will allow us to increase PBL during distance learning. A large number of African American and Latino students drop the CTE classes in 11th grade. At risk and minority students do not have access to some CTE course because they do not have the required skills. Measure N Goal 3: Student Outcomes: Increase voice, engage in real world activities to prepare for college and/or career, increased academic opportunities through a variety of interventions. Teacher(s) will use explicit instruction by modeling the process and explaining the procedures. Scholars will be able to demonstrate progress in small groups (break out rooms) and whole group demonstrations. Arduino and Raspberry Pi can facilitate deeper levels of engagement by helping pathway students think about how they can solve real-world problems. They can use these devices to instill computational thinking practices and skills such as decomposition, pattern recognition, logical thinking, reasoning, communicating, and collaborating.</p> <p>How can this be used during Distance Learning: These models devices can be used to create a variety of projects such timers, sensors, lightening systems, security systems. Teacher(s) will use explicit instruction to model, demonstrate the process and procedures during class and provide asych time for scholars to be creative. These kits will be distributed to students for them to use at home during distance learning.</p> <p>Included in approved 2020-2021 Measure N Plan? No</p>	\$1,415.76	4420	Computer < \$5,000			Computer	CTE, Rigorous Academics, WBL
<p>Strategic Carryover to 2021-2022: Unallocated balance of Carryover to remain unallocated due to significant constraints caused by the COVID-19 health and safety measures. This will be allocated in the 2021-2022 Measure N Education Improvement Plan when more information becomes available regarding hybrid and in-person learning.</p>	\$329,478.93	4391	Carryover, Prior Year				