



Long Beach Unified School District
 1515 Hughes Way, Long Beach, CA 90810

**Continuous Improvement Expenditure Plan
 2019-2020
 PROFESSIONAL DEVELOPMENT PLAN**

School: Sato **Principal(s):** Mona M. Merlo **Submit Date:** November 13, 2019 **Status:** Approved

Professional Development Focus Area(s):

Sato will utilize funds to support teachers with Integration of Engineering and Biomedical Sciences into single subject classroom up to grade level integrated projects.

Expected Outcome:

Sato teachers will bring real world current state of the art technology/engineering concepts used in the Biomedical Industry to support safety and health of people in need. All curricular areas will gain a greater insight into what is available in the industry today and be better able to enhance the existing curriculum to make our content relevant for our students through the lens of both engineering and biomedical science.

Scope and Sequence

| Ln | Dates | Description | Data Measure(s) |
|----|-------|-------------|-----------------|
|----|-------|-------------|-----------------|



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|----|--------------------------|--|---|
| 1 | 12/04/2019 12/05/2019 | BIOMEDevice - Educational Conference - BIOMEDevice lets you explore the trends driving meaningful advancements in healthcare and discover technologies for engineering devices for minimally invasive surgery, cardiovascular health, diagnostics, and other therapeutic applications. | Pathway Certification Core Curriculum Elective Curriculum |

Sato will take it's 4 science teachers, 2 engineering teachers, 1 additional classroom teacher and Principal to this conference. We will have access to executives, experts, and physicians as they impart their expertise hourly through panel discussions, presentations, case studies, and demos.

Topics include: Artificial Intelligence, Digital Health, Minimally invasive surgery, robotic surgery, sensors and wearables

Person(s) Responsible: Mona Merlo

Frequency: Other

Identified Need: In order for Sato to take it's program to the next level in terms of pathway integration and knowledge about industry, this is a great opportunity for us to learn about both engineering and biomedical sciences and bring back to our grade level/school projects and integration.

Target Group: Targeted Staff

Monitoring: Mona Merlo will follow up with grade levels and departments through meetings. Relevant industry integration should be evident in student work.

Personnel Summary: Substitute teacher full day (7) for 2 days - LCFF 100%

Matl/Srvc Summary: Services - LCFF 100%

| | Cost | Statutory Benefits | Health Benefits | Project Totals |
|---------------------|-------|--------------------|-----------------|----------------|
| Certificated | 2,397 | 527 | 0 | 2,924 |
| Classified | 0 | 0 | 0 | 0 |
| Mtls/Srvc | 1,500 | | | 1,500 |
| | | | Total | 4,424 |

SSC Approve Date: 09/18/2019



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|----|-------|-------------|-----------------|
|----|-------|-------------|-----------------|

| | | | |
|---|------------|---|-----------------------|
| 2 | 10/26/2019 | | AP Participation/Pass |
| | 10/26/2019 | AP Statistics Teacher at Pepperdine University - In this one day workshop we'll be covering how to fully implement the Experience First, Formalize Later (EFFL) model. Including how to: <ul style="list-style-type: none"> • Maintain rigor while using accessible content. • Make student collaboration effective and efficient. • Give direct instruction through Formalize Later and Important Ideas. • Turn your lessons into EFFL lessons. All participants will receive digital copies of all resources and presentation materials. | |

Person(s) Responsible: Michael Dees

Frequency: Annually

Identified Need: Improve AP Statistics pass rate for 2019-2020 school year. Last year's pass rate was 55%.

Target Group: Targeted Staff, Other Targeted Students

Monitoring: Mona Merlo

Personnel Summary:

Matl/Srvc Summary: Services - LCFF 100%

| | Cost | Statutory Benefits | Health Benefits | Project Totals |
|---------------------|------|--------------------|-----------------|----------------|
| Certificated | 0 | 0 | 0 | 0 |
| Classified | 0 | 0 | 0 | 0 |
| Mtls/Srvc | 300 | | | 300 |
| | | | Total | 300 |

SSC Approve Date: 09/18/2019



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| 3 | 08/15/2019 08/15/2019 | Data Day review with teachers prior to the opening the school year to establish our schoolw ide goals for 2019-2020. | SBAC Math D/F Rate AP Participation/Pass Culture-Climate Survey (Student-Staff) Core Curriculum |

Person(s) Responsible: Mona Merlo

Frequency: Other

Identified Need: Sato had not had the time to fully review our school related data and the updates in LROIX. This day provided the time and opportunity for Sato teachers to analyze data and determine next steps.

Target Group: All Staff, All Students

Monitoring: Mona Merlo
Evaluations, quarter/semester data, state and college prep data

Personnel Summary: Teacher Hourly PD Stipend (10) for 4 hours annually - LCFF 100%

Matl/Srvc Summary:

| | Cost | Statutory Benefits | Health Benefits | Project Totals |
|---------------------|-------|--------------------|-----------------|----------------|
| Certificated | 1,492 | 328 | 0 | 1,820 |
| Classified | 0 | 0 | 0 | 0 |
| Mtls/Srvc | 0 | | | 0 |
| | | | Total | 1,820 |

SSC Approve Date: 04/24/2019



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| Ln | Dates | Description | Data Measure(s) |
|----|-------|-------------|-----------------|
|----|-------|-------------|-----------------|

| | | | |
|---|--------------------------|---|----------------|
| 4 | 11/13/2019 06/11/2020 | Teacher hourly for teacher coverage w hen a parital or full period of coverage is needed. | Basic Services |
|---|--------------------------|---|----------------|

Person(s) Responsible: Connie Joyce

Frequency: Monthly

Identified Need: SST, IEP, ASB, Pathw ay coordinator, emergency

Target Group: Targeted Staff

Monitoring: Connie w ill keep track of teacher class coverage by contract and w ill compensate teachers w hen they've exceed their 2 hours as adjunct.

Personnel Summary: Teacher Hourly Extra Comp (17) for 3 hours annually - LCFF 100%

Matl/Srvc Summary:

| | Cost | Statutory Benefits | Health Benefits | Project Totals |
|---------------------|-------|--------------------|-----------------|----------------|
| Certificated | 3,459 | 761 | 0 | 4,220 |
| Classified | 0 | 0 | 0 | 0 |
| Mtls/Srvc | 0 | | | 0 |
| | | | Total | 4,220 |

SSC Approve Date: 10/23/2019