



**Continuous Improvement Expenditure Plan  
2015-2016  
INTERVENTION PLAN**

**School:** Lindbergh

**Principal(s):** Constance M. Magee

**Submit Date:** February 4, 2016

**Status:** Submitted

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**Intervention Focus:**

Increase student engagement, student achievement, and improve the climate of the school through systemic interventions to ensure student academic and social success.

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**Expected Outcome:**

Increase student interest in STEM careers through participation in Project Lead the Way. Increase the participation of minorities and women in high school STEM programs by creating a "feeder" path at Lindbergh. Increase student and teacher use of technology to improve Common Core instruction to better prepare students for college and careers. Create interventions for students who need academic enrichment, and students who need support in order to complete high school with success. Decrease the number of students failing multiple subjects in grades 6, 7, & 8. Increase attendance at every grade level and insure that the school programs are meeting the needs of all learners.

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**Intervention Project Timeline**

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<b>Ln</b>	<b>Dates</b>	<b>Description</b>	<b>Priority Area(s)</b>
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Ln	Dates	Description	Priority Area(s)
1	06/15/2015 06/20/2016	<p>6 Academic electives for STEM in grades 6, 7, and 8. PLTW Lead Teacher, 5 sections 6th grade teacher- 1 section Specifically: Continue implement the Project Lead the Way curriculum starting with the addition of 2 sections of PLTW elective classes in 8th grade, and 2 in 6th grade. Continue with 2 sections in 7th grade. Students in the program take a semester of Automation &amp; Robotics, using laptop computers to design, build, and program robots to problem solve and a semester of Design and Modeling, using laptop computers and engineering notebooks students learn and use the engineering planning process. The 2 teachers trained in the PLTW curriculum would each be teaching a fundamental section, and the returning PLTW teacher will teach the advanced sections for 8th grade and the first 2 fundamental courses for the new 7th graders. Both teachers will complete PLTW training during the summer and help by ordering the materials and revising the course outlines with the district science curriculum leader. Teachers will:</p> <ul style="list-style-type: none"> <li>• Lead Project Lead the Way development with the site leadership team</li> <li>• Fully implement the PLTW curriculum</li> <li>• Inspire a larger group of students, with an emphasis on girls, to pursue engineering</li> <li>• Participate in the development of the Lindbergh Engineering and Design program (LEAD)</li> <li>• Emphasize STEM content across the curriculum</li> </ul>	<p>Student Achievement Student Engagement</p>
<b>Line Status:</b>		This line is approved.	
<b>Person(s) Responsible:</b>		Principal	
<b>Frequency:</b>	Quarterly	<b>SPSA/AM:</b>	AM1 Add. Int.
<b>Identified Need:</b>	Implement a STEM curriculum that increases student engagement and links to success at the high school level and preparation for college and careers.		
<b>Target Group:</b>	70- 6th grade, 70- 7th Grade, and 70- 8th grade students selected for the LEAD program at the end of 2015.		
<b>Monitoring:</b>			



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Track student choice of special programs at the high schools and student acceptance rate.  
GPA checks of PLTW students.  
STEM interest survey pre and post PLTW.  
Track gender equity in PLTW, Robotics and MESA participation  
Maintain logs for meetings, recruitment, selection, and materials for PLTW.

**Personnel Summary:** Teacher - Secondary 1 FTE - Title 1 100%

**Matl/Srvc Summary:**

	Cost	Statutory Benefits	Health Benefits	Project Totals
<b>SSC Approve Date:</b> 02/26/2015	<b>Certificated</b> 88,700	12,578	18,722	120,000
	<b>Classified</b> 0	0	0	0
<b>Subject:</b> Additional Interventions	<b>Mtls/Srvc</b> 0			0
			<b>Total</b>	<b>120,000</b>



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2	06/12/2015 06/20/2016	<p>iPad TOSA</p> <ul style="list-style-type: none"> <li>• Manage student and adult iPads on campus ensuring safe student use and increasing teacher use for instruction.</li> <li>• Provide monthly PD demonstrating ways to integrate iPad use to meet CCSS.</li> <li>• Provide model instruction in iPad use, in-class demonstrations for staff, and after school PD training.</li> </ul> <p>Provide parent workshops on ParentVue, Safe Internet Use, School loop monthly.</p> <p>Specifically:</p> <p>Maintain student iPads- turn in tickets for damage, re-image as needed, conduct downloads/updates. Track appropriate student use and implement consequences as needed. Hold parent meetings to ensure parents agree to acceptable use and monitoring. Conduct parent workshops on internet safety, ways to monitor student iPad use, and best Apps/practice for home use. Conduct random monitoring during advisory each day to ensure students are choosing appropriate content. Collect and distribute iPads when teachers have a sub on Monday or Friday. Teach iPad elective class/es to support project learning using CCSS and model best practice for other iPad teachers. Maintain charging carts, iPad covers and orders to support technology in classrooms. Issue iPads with student sign out, collect iPads during breaks and end of year. Work with teachers in classrooms to model best use of iPads for instructional activities. Conduct survey at start and end of year to assess iPad use for students and staff. Ensure that all parents are registered on ParentVue. Ensure that all parents complete HS choice applications on-line. Ensure that all parents complete LCAP survey using site technology or paper/pencil. Ensure that all students and staff complete the LCAP survey using site technology. Implement and administer interventions with students using Kahn Academy for students who struggle in math and News ELA for students who struggle in language arts. Facilitate collaboration among students by administering Google Apps for education. Webmaster for school website, encouraging and training teachers on website use. Create and distribute monthly STEM newsletter using "Constant Contact".</p> <p>Additional Technology functions: Update and maintain all computer labs, trouble shoot and update teacher and staff computers, set up and facilitate imaging of new products, ordering replacement parts and materials. Attend district Technology Coordinator meetings and communciate with staff. Assure SBAC lab compliance for state testing, provide training for staff on SBAC procedures.</p>	<p>Parent Involvement Student Achievement Student Engagement</p>



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**Line Status:** This line is approved.

**Person(s) Responsible:** Principal

**Frequency:** Weekly

**SPSA/AM:** AM1 Add. Int.

**Identified Need:** Provide PD to teachers within the day and before and after school as needed  
Monitor iPad use on campus to ensure safe use & longevity of equipment  
Provide model instruction in iPad class as working model for other iPad teachers  
Provide PD for parents regarding safe and effective use of digital media

**Target Group:** All teachers and students each have an iPad assigned to them to increase academic skills and prepare learners for the 21st century work place.

**Monitoring:** Meet weekly with the principal to share iPad progress and PD plans and implementation evidence. Weekly report of percent of students in each grade level using iPads for class activities. Project samples of CCSS using iPad apps  
Teacher, student, and parent survey data pre and post implementation.

**Personnel Summary:** Teacher on Special Assignment (TOSA) 1 FTE - Title 1 100%

**Matl/Srvc Summary:**

	Cost	Statutory Benefits	Health Benefits	Project Totals
<b>SSC Approve Date:</b> 02/26/2015	<b>Certificated</b> 93,079	13,199	18,722	125,000
	<b>Classified</b> 0	0	0	0
<b>Subject:</b> Additional Interventions	<b>MtlS/Srvc</b> 0			0
			<b>Total</b>	<b>125,000</b>



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Ln	Dates	Description	Priority Area(s)
3	09/03/2015 06/20/2016	0.10 Nurse - Provide individual or group counseling sessions for targeted students related to health problems that are interfering with academic, behavioral, or social/emotional growth.	School Climate Other Student Outcomes

**Line Status:** Level Supt and Supt have not approved line at this time.

**Person(s) Responsible:** Principal

**Frequency:** Monthly

**SPSA/AM:** AM1 Add. Int.

**Identified Need:** Assist with health reports on IEPs, health screenings, accidents on campus, and general health concerns of students.

**Target Group:** Students with specific health concerns and students receiving special services.

**Monitoring:** Confidential health reports distributed in a timely manner  
Completion of all health screenings  
Attendance at, or report given, for all IEP meetings  
Communication with parents regarding shot records and exclusions.

**Personnel Summary:** Nurse Inspector .09 FTE - LCFF 100%

**Matl/Srvc Summary:**

	Cost	Statutory Benefits	Health Benefits	Project Totals
<b>SSC Approve Date:</b> 02/26/2015	<b>Certificated</b> 7,904	1,121	1,685	10,710
	<b>Classified</b> 0	0	0	0
<b>Subject:</b> Additional Interventions	<b>MtIs/Srvc</b> 0			0
			<b>Total</b>	<b>10,710</b>



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4	09/02/2015 06/20/2016	0.20 Librarian Assist English teachers with student research projects using both books and on-line resources. Foster a love of reading in middle school students. Help students understand how to properly use the internet for research and how to evaluate on-line resources.	Student Achievement
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**Line Status:** This line is approved.

**Person(s) Responsible:** Principal

**Frequency:** Monthly

**SPSA/AM:** AM1 Rdg

**Identified Need:** Assist teachers with instruction in CCSS through use of library and on-line resources.  
Model best practices using technology for instruction and iPads for student work and projects.

**Target Group:** English and content classes

**Monitoring:** Schedule of classes visiting the library  
Circulation of books  
Number of students who visit the library each week  
Log of lessons provided to teachers to assist with CCSS

**Personnel Summary:** Librarian .2 FTE - Title 1 100%

**Matl/Srvc Summary:**

	Cost	Statutory Benefits	Health Benefits	Project Totals
<b>SSC Approve Date:</b> 02/26/2015	<b>Certificated</b> 18,266	2,590	3,744	24,600
	<b>Classified</b> 0	0	0	0
<b>Subject:</b> Reading	<b>Mtls/Srvc</b> 0			0
			<b>Total</b>	<b>24,600</b>



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5	06/30/2015 06/30/2016	2 Sections of Long Beach Scholar Electives	Access to a Broad Curriculum Student Achievement

**Line Status:** Waiting for EACCR Office review.

**Person(s) Responsible:** principal

**Frequency:** Monthly

**SPSA/AM:** AM1 Add. Int.

**Identified Need:** Additional electives that help students prepare for college and career and monitor criteria for HS readiness.

**Target Group:** 37 students grade 7  
37 students grade 8

**Monitoring:** monthly grade checks  
quarter and semester checks on HS readiness criteria

**Personnel Summary:** Teacher - Secondary .4 FTE - Title 1 100%

**Matl/Srvc Summary:**

	Cost	Statutory Benefits	Health Benefits	Project Totals
<b>SSC Approve Date:</b> 02/25/2015	<b>Certificated</b> 35,480	5,031	7,489	48,000
<b>Subject:</b> Additional Interventions	<b>Classified</b> 0	0	0	0
	<b>MtlS/Srvc</b> 0			0
			<b>Total</b>	<b>48,000</b>