

## Library/Media/Technology Plan at a Glance



## 2016-2020

## PACIFICA SCHOOL DISTRICT VISION FOR LIBRARIES/MEDIA/TECHNOLOGY

We envision a community that supports students in their curiosity-driven use of library, media, and technology resources in order that students acquire, evaluate, demonstrate, and communicate knowledge and 21<sup>st</sup> Century capacities. In the process, our students develop into successful, adaptive, global citizens.

For the full version, please visit the *Support Services* section under the *Curriculum and Instruction* page located on the Pacifica District website.



## LIBRARY, TECHNOLOGY AND MEDIA COMMITTEE:

SUE BECKMEYER, MEDIA LIBRARY CLERK  
TINA VAN RAAPHORST, DISTRICT IT DIRECTOR  
MEGHANN ELSBERND, TEACHER  
ANNETTE HOLTHAUS, COMPUTER LAB AIDE

DAN LYTTLE, PRINCIPAL  
NELSON SENDINO, NETWORK ADMINISTRATOR  
MELYSSA WEST, TEACHER  
DOREEN MURPHY, TEACHER

**FACILITATOR:**

CHRISTY P. NOVACK, ACCESS, EQUITY & INNOVATION SPECIALIST

## PRINCIPLES FOR LIBRARIES/MEDIA/TECHNOLOGY

- **Libraries, Media, and Technology Are Interrelated**

*Libraries, Media, and Technology* in the 21<sup>st</sup> Century are highly inter-related and can no longer be thought of as separate entities. Libraries/media centers are no longer merely houses of print media but rather are portals for obtaining information that is no longer confined by the walls of a building. *Media*, the means of communication, are increasingly involving technology. So we best serve our children when technology is as well integrated into the learning process as it is integrated into the rest of their world.

- **Technology Is a Powerful Tool for Learning Academic Content and 21<sup>st</sup> Century Capacities**

The purpose of technology in education is to engage students and staff in rich learning experiences that both enhance the learning of academic content and build 21<sup>st</sup> Century capacities. (See Appendix C: Pacifica School District's 21<sup>st</sup> Century Education Framework).

- **Our Children and Staff Need Abundant Access**

In order to develop the capacities listed in Pacifica School District's 21<sup>st</sup> Century Education Framework, students and educators need to be ensured abundant access to information, media resources, and appropriate, supportive technology.

- **The Most Important Technology Skill We Can Teach Is *Adaptation***

Technology is developing at such a rapid pace that it will no longer serve our students to merely teach isolated technology skills that will soon become obsolete. Rather, as we embed technology into the process of learning academic content, we foster in our students and staff a familiarity of current technologies and nurture an enthusiasm for learning new and evolving technologies.

- **Libraries Are *Learning Commons***

The way people learn and work is quickly evolving in the Age of Connectedness, and libraries/media centers are no longer functioning as places where individuals independently gather information in silence. Rather, libraries/media centers are becoming "learning commons" (See, for example, the library websites for University of Illinois, University of Massachusetts, and York University) where members of virtual communities gather in the real world to enhance learning by exchanging ideas, engaging in dialogue, and sharing resources.

- **We Emphasize *Digital Citizenship***

The digital community is merely an extension of the global community in which we live. To the extent that we teach our children to become responsible, conscientious, and analytical digital citizens, we also teach them to become concerned, adaptive global citizens. (See Appendix A: National Education Technology Standards- Students, Standard 5; Teachers, Standard 4; Administrators, Standard 5).

## STRATEGIC AREAS OF FOCUS FOR LIBRARIES/MEDIA/TECHNOLOGY:

The table below provides a summary of nine strategic areas of focus identified by the Library/Media/Technology (L/M/T) Committee as essential for equipping students acquire, evaluate, demonstrate, and communicate knowledge and 21<sup>st</sup> Century capacities. These areas of focus engage libraries, media, and technology in promoting rigorous, differentiated and holistic learning. Inspired by the National Education Technology Standards and the California Model School Library Standards, they emphasize using libraries, media, and technology to support content learning and character development. Finally, for increased coherence, these focus areas reflect collaboration with the Strategic Planning Committee and the other PSD curriculum and support plan committees.

I. LEARNING THAT IS RIGOROUS					
I.A. – Promote the effective use of technology in the learning process	I.B. - Library/media centers support the learning of academic content	I.C. – Human resources support the L/M/T programs	I.D. - Ensure universal access to a robust technological infrastructure	I.E. – Students develop information literacy	I.F. - Technology enhances formative and summative assessment
II. LEARNING THAT IS DIFFERENTIATED					
II.A. - Response to instruction and intervention/learner-oriented instruction			II.B. - Self-directed, collaborative learning		
III. LEARNING THAT IS HOLISTIC					
III.A. - Digital citizenship and community well being					

# 2016-2020 LIBRARIES/MEDIA/TECHNOLOGY

**STANDARDS:** *National Education Technology Standards (NETS), California Model School Library Standards (CMSLS), CCSS, NGSS*

TIMELINE/KEY PEOPLE (NUMBERS CORRESPOND TO ACTIVITIES)	ACTIVITIES	MEASUREMENT/ EVIDENCE	FUNDING SOURCE(S)
<b>8/2016 - ongoing</b> <ul style="list-style-type: none"> <li>•Teachers (#1-3,7,8, 9)</li> <li>•AEI Specialist (#1-4,6-8-10, 12-15),</li> <li>•STEM Science Coach (#3, 9, 15)</li> <li>•Math Coach &amp; Humanities Coaches (#3,5,7,8,9,13)</li> <li>•Network Administrator (#10, 12)</li> <li>•SMCOE School Library Services Coordinator and the School Library Coordinators Group (#8,9)</li> <li>•Media/Technology Lab Coordinators (#4,8, 11, 14)</li> <li>•iLeads (#1,3,4,6,12)</li> <li>•Site Administrators (#9, 14)</li> </ul>	<b>21<sup>st</sup> Century Learning: Instructional Support</b> 1. Transition from supporting district-provided 21 <sup>st</sup> Century Education (21CE) events to teacher-generated 21CE classroom practices 2. AEI Specialist to facilitate development and implementation of Grade 6-8 district wide computer science curriculum. 3. Expose and educate friendly computer science curriculum to K-5. Support through professional development and coaching. 4. Further integrate the use of technology into content area coaching and professional development, with emphasis on Google Apps for Education 5. AEI Specialist and iLeads finish developing and introduce a technology scope and sequence to staff for promotion and use during the year. 6. Identify key 21 <sup>st</sup> Century capacities for the next generation of report cards 7. Provide additional electronic resources to staff and students on the district website and in library/media centers 8. Promote the greater student use software and cloud-based technologies to support differentiated learning & to provide “real time” assessment data to teachers (Illuminate, DRA input, math assessments, etc.) 9. Continue to promote the effective use of the Internet for research and technology tools, to review district library and technology use 10. Implement lessons for library navigation skills 11. Create a district wide “Bring Your Own Device” (BYOD) general policy for sites 12. Offer professional development on technological literacy to classified and certificated staff 13. Promote Internet connectivity for families through Comcast Internet Essentials or other determined designated program 15. Continue support of PBL practices for those committed to the process, point person	<ul style="list-style-type: none"> <li>• Products/tools developed (#4, 5, 10)</li> <li>• Artifacts: PD agendas and sign-ins (#2-5,8-12)</li> <li>• Student work (#1-4,8)</li> <li>• Teacher implementation, use of GAFE and CS resources (#1,3,4)</li> <li>• Subscriber statistics (#12)</li> <li>• PSD website: Inventory of online resources; new blog of recommended iPad apps (#6)</li> </ul>	PEF PTO/PTA Categorical Parcel Tax General Special Ed
<b>8/ 2016 – ongoing</b> AEI Specialist (#1-3) Technology Committee (#3 iLeads (#1-2) School administrators (#1-3) Media/Tech Lab Coordinators (#1-3)  Counselors (#1, 3)	<b>21<sup>st</sup> Century Learning: Responsible Digital Citizens</b> 1. Continue to support the implementation of the Common Sense Media digital citizenship curriculum in grades K-8. 2. Ensure that admin and staff communicate the Acceptable Use Policy to students 3. Educate parent community on safe digital practices	<ul style="list-style-type: none"> <li>• Board adoption of digital citizenship initiative (#1)</li> <li>• E-rate digital citizenship documentation (#1)</li> <li>• Parent education nights, online information on PSD Website</li> <li>• Technology Acceptable Use Policy (#2)</li> </ul>	General Categorical
<b>8/ 2016 ongoing</b> <ul style="list-style-type: none"> <li>•District administration (Facilitate) #1,3, 4, 6, 9, 10)</li> </ul>	<b>21<sup>st</sup> Century Learning: Key People and Infrastructure</b> 1. Continue to support library paraprofessionals, up to two certificated librarians to serve sites, library/media support beyond the school day, instructional	<ul style="list-style-type: none"> <li>• Artifacts: Meeting agendas/minutes, (possibly) grant applications (#1-5), new/revised job descriptions (#1)</li> </ul>	General Categorical Parcel Tax

<ul style="list-style-type: none"> <li>• AEI Specialist (#2-4, 5, 6, 10)</li> <li>• Network Administrator (#4, 5, 9, 10)</li> <li>• Technology Committee (#3,8)</li> <li>• iLeads (#5-6, 11)</li> <li>• Media/Technology Coordinators (#10)</li> <li>• Humanities, STEM and AEI Specialists (6, 11)</li> </ul>	<p>technology technician</p> <ol style="list-style-type: none"> <li>2. Maintain the Library/Media/Technology Committee to monitor the L/M/T plan and collaborate with key stakeholder groups</li> <li>3. Work toward 1:1 device ratio in Grades 4-8, 2:1 in Grade 3, 4:1 in K-2</li> <li>4. Continue to support and use of Innovation Site Leads (iLeads)</li> <li>5. AEI Specialist and iLeads create and promote technology infused content for staff to use</li> <li>6. Update Staff Resource Section of PSD Website and populate with resources</li> <li>7. Continue to maintain District software (Synergy, Follett, Google Apps for Ed, Illuminate, etc.); pilot/implement new software as appropriate</li> <li>8. Create vetting system for programs and apps used in PSD</li> <li>9. Ensure robust Internet access in every learning and work space</li> <li>10. Create and monitor check out laptop system with sites for students who do not have Internet access or equipment to use outside of school.</li> <li>11. Specialists to develop a method to survey staff for recommended research and skills in order to facilitate effective district planning.</li> </ol>	<ul style="list-style-type: none"> <li>• District budget, purchase orders (#1, 4,5)</li> <li>• Number of completed work orders (#7)</li> <li>• Monitoring software use and maintenance (#7)</li> <li>• Inventories &amp; findings reported by Network Administrator to Superintendent (#3,9)</li> <li>• Survey results or other determined method that is used with staff (#11)</li> </ul>	
<p><b>8/ 2016 ongoing</b></p> <ul style="list-style-type: none"> <li>• Humanities Coaches (#1-2, 5-7)</li> <li>• Library/Media Coordinators (#4,5,8)</li> <li>• Pacifica School Volunteers (#1)</li> <li>• iLeads (#2)</li> <li>• AEI Specialist (#2, 6)</li> <li>• Database Lead (#6,7)</li> <li>• Principals &amp; library staff (#2, 3)</li> <li>• Associate Superintendent (#2)</li> </ul>	<p><b>Library/Media Support for Common Core State Standards for English Language Arts, Balanced Literacy</b></p> <ol style="list-style-type: none"> <li>1. Continue to facilitate a resident readers program</li> <li>2. Encourage creation of technology integrated ELA Lessons</li> <li>3. Maintain professional libraries for educators</li> <li>4. Feature recommended books</li> <li>5. Site libraries <u>may choose</u> to add level of difficulty information to books to support Balanced Literacy</li> <li>6. Use technology (i.e. Illuminate) to monitor and support response to ELA intervention students</li> <li>7. Use technology (i.e. Illuminate) to monitor and support ELL 1-2 and RFEP students</li> <li>8. Ability to support parent education of technology tools during parent conferences at sites</li> </ol>	<ul style="list-style-type: none"> <li>• Artifacts: Class sign-up records (#1), Library Coordinators' Group minutes (#2,3), purchase orders (#2)</li> <li>• Illuminate Reports (#6,7)</li> <li>• Use of technology tools in classroom (#2)</li> <li>• Electronic card catalogs &amp; library books (#2)</li> </ul>	ARRA Categorical Textbook Parcel Tax