

Integration of 21st Century Learning Framework into existing GUSD District Initiatives

(Plan Recommendation from District Technology Committee, Spring 2015)

Summary

As educators in the Goleta Union School District, we are committed to integrating a broad course of study which emphasizes 21st Century learning skills and the development of digitally fluent students who are prepared for college and career. The following plan recommendation contains three major components for consideration: 1) the creation and development of a 21st Century Learning Task Force with special emphasis on the learning model of SAMR (Substitution, Augmentation, Modification, Redefinition), 2) professional development for teachers, technology teacher leads, and technology curriculum specialists to build district capacity and depth of knowledge, and 3) equitable technology distribution among school sites. Backed by research, teacher professional development, and digitally native students, our integration of 21st Century Learning will provide both educators and students of GUSD powerful tools to support personal and academic growth.

21st Century Learning Task Force, Subcommittee

2015-2016

- 1) Committee Membership
 - a) Comprised of District Technology Teacher Leads (TTLs), District Curriculum Council, Technology Curriculum Specialist and Principal Representatives
- 2) Curriculum Emphasis
 - a) Build SAMR understanding and capacity among full TTL group and principal team
 - i) Use SAMR model as a blueprint for scaffolding technology integration
S = Substitution → A = Augmentation → M = Modification → R = Redefinition
 - b) Establish Digital Citizenship standards and implementation plan
- 3) Professional Development Emphasis
 - a) Attend Professional Conference on SAMR model (if available)
 - b) Attend Professional Conference - Two-day Global Summit Training featuring Google for Education (GAPE)
- 4) Determine next steps for:
 - a) Development/adoption of digital literacy scope and sequence
 - b) Identification of new learning technologies for acquisition

Professional Development Series for Technology Team Leads

2015-2016

In May 2015 two Technology Team Lead (TTLs) will be selected from each of the nine schools.

One TTL will support technology, teachers and student learning in Transitional Kindergarten (TK) through second grades with iPads integration into the classroom instruction. The second one will serve third through sixth grades with mainly chromebooks and possibly iPads. TTLs will serve in this capacity at their school site for one year.

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| 1) Benefits | 2015-2016 |
| a) TTLs receive \$750 yearly stipend | |
| b) TTLs receive two discretionary release days to support peers or observe other TTLs | |
| c) Principals can choose to fund additional site TTL positions | |
| 2) Home School Site Responsibility - Site Collaboration and Staff Development | 2015-2016 |
| a) Support teachers on site with technology implementation | |
| b) Lead "Just One Thing" discussions (15-20 min) at monthly staff meetings | |
| c) Model or observe lessons where student learning is redefined by technology | |
| 3) District Commitment | |
| a) Half-day inservice with Technology Curriculum Specialists on August 18, 9:00-12:00 | 2015-2016 |
| b) Monthly TTL meetings, 3:15-4:15 pm (Mondays) | |
| c) If selected to be a representative, District 21st Century Learning Task Force meetings (times to be determined) | |
| 4) Professional Development and Presentation Opportunities | Fall 2015 & Ongoing |
| a) Half-day inservice on August 18, 9:00-12:00 | |
| b) District Teacher Technology Showcase with emphasis on: | October 16, 2015 |
| i) Student Digital Literacy w/Chromebooks, 3rd-6th Grades | |
| ii) Student Digital Literacy w/iPads, K-2nd Grades | |
| iii) 21st Century Learning - Application of SAMR model for all grades | |
| c) Attend two-day Global Summit Training featuring Google for Education (GAPE) | Summer 2015 or 2016 |

Professional Development for Technology Curriculum Specialists

2015-2016

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| 1) Technology Curriculum Specialists Training - Curriculum and Informational Technology (IT) support | Fall 2015 & Ongoing |
| a) Half-day inservice with TLLs on August 18, 9:00-12:00 | |
| b) Monthly TTL meetings, 3:15-4:15 pm (Mondays) | |
| c) Monthly IT meetings, 2:30-3:45 pm (Thursdays) | |
| d) If selected to be a representative, District 21st Century Learning Task Force meetings (times to be determined) | |

2015-2019 (Long-term Goal) Technology Distribution - GUSD Classrooms	2015-2017 (Interim Goal) Technology Distribution - GUSD Classrooms
<ol style="list-style-type: none"> 1) Standardized Classroom Display/Presentation Set-up <ol style="list-style-type: none"> a) 60" Flat-screen TV b) Teacher MacBook Pro (ability to mirror) c) Teacher iPad (ability to mirror) 2) Student Devices for TK-1st Grade <ol style="list-style-type: none"> a) iPads - minimum of 8 to 10 in TK, K and 1st Grade classrooms b) Ability to be 1-to-1 classroom iPads (grade level share) c) TK iPads - Optional 3) Student Devices for 2nd Grade <ol style="list-style-type: none"> a) iPads - 1:1 for 2nd Grade 3) Student Devices 3rd-6th Grade <ol style="list-style-type: none"> a) Chromebooks – 1:1 for every classroom b) iPads - 1 class set, 3rd-6th grade 4) Special Education <ol style="list-style-type: none"> a) Appropriate quantity of devices to meet individual needs b) Assistive devices as outlined in students' Individual Education Plan 	<ol style="list-style-type: none"> 1) Standardized Classroom Display/Presentation Set-up <ol style="list-style-type: none"> a) 60" Flat-screen TV b) Teacher MacBook Pro (ability to mirror) c) Teacher iPad (ability to mirror) 2) Student Devices for TK-1st Grade <ol style="list-style-type: none"> a) iPads – One class set of 20 at each grade level (Divided evenly by class and stored in each classroom) 2) Student Devices for 2nd Grade <ol style="list-style-type: none"> a) iPads – One class set at each grade level (Divided evenly by class and stored in each classroom) 3) Student Devices 3rd-6th Grade <ol style="list-style-type: none"> a) Chromebooks – 1:2 for every classroom (Half class sets stored in each classroom) b) iPads - 1 class set on a cart at site to be shared among 3rd-6th grade

Keyboarding Instruction & Student Access in Preparation of SBAC Testing

2015-2016 & Ongoing

- 1) Kindergarten & 1st Grade
 - a) Keyboard, Letter awareness, Home row awareness in computer lab
- 2) 2nd-6th Grade
 - a) Two to three times per week for 15-20 minutes using typing program in classroom or computer lab
- 3) District Task Force will identify district approved typing instructional program(s).

<u>Funding Considerations</u>	<u>Funding Source</u>	<u>Estimated Cost</u>	<u>2015-2017</u>
1) Ten Technology Grants (12 chromebooks or 8 iPads)	District	\$50,000 (approximate amount)	May 2015
2) August 18 Presentation Stipends	District	\$1200 (4 presenters x \$300, 6 hrs. prep.)	August 2015
3) August 18 Training - Attendees	District	\$1,400 (\$30 x 3 hrs. for 14 attendees)	August 2015
4) TTL Yearly Stipends	District	\$13,500 (\$750 x 18 TTLs)	2015-2016
5) TTL Release Days	District	\$4,320 (\$120 x 36 days for substitute)	2015-2016
6) Technology Curriculum Specialist Meetings	District	\$7,000 (approximately 207 hours)	2015-2016
7) 2-day Global Summit Training	District	\$2,000 (five attendees)	Summer 2015
featuring Google for Education (GAFE)		\$2,000 (five attendees)	Summer 2016
8) Device Purchase determined by principal	District / CCSS	To be determined	2015-2016
9) Site Device Purchases	Site funds / PTA	To be Determined	Ongoing

District Technology Committee Members

District Office

William Banning, Superintendent
Carol Boyan-Held,
Assistant Superintendent, Instructional Services
Donna Madrigal,
Assistant Superintendent, Administrative Services
Margaret Saleh,
Assistant Superintendent, Pupil Services

Principals

Ricardo Araiza, La Patera
Liz Barnitz, El Camino
Bridget Braney, Foothill
Kimberly Bruzzese, Kellogg
Mary Kahn, Isla Vista
Felicia Roggero, Brandon
Ryan Sparre, Hollister
Ned Schoenwetter, Mt. View
Abby Vasquez, Ellwood

Teachers

Sara Bowen, Isla Vista - TK
Heather Cash, Brandon - 3rd Grade
Lisa Embury, Mountain View - 6th Grade
Brigitte Haley, Kellogg - 4th Grade
Christopher Hanna, Ellwood - 4th Grade
Susan Hughes, Brandon - 6th Grade
Lara Jacobs, Brandon - 1st Grade
Cara Leach, Foothill - 3rd Grade
Imelda Martinez, Hollister - 2nd Grade
Jill Means, Ellwood - 2nd Grade
Pam Orr, Foothill - Kindergarten
Fara Palma, La Patera - 2nd Grade
Linda Sparkuhl - El Camino - 4th/5th
Virginia Sun, Isla Vista - 6th Grade
Laura Sweeney, La Patera - 6th Grade
Tara Vowels, El Camino - 1st Grade
Tyler Wilkes, Hollister - 5th Grade
Susan Wilson, Kellogg - 6th Grade

Board of Education

Yvonne DeGraw, GUSD Board President

Technology Curriculum Specialists

Kathy Grace-Velazquez, Isla Vista
Phil Landfried, Mountain View
David Long, Kellogg,
Jim Pigato, El Camino

Informational Technology

Jeremiah Johnson, District Office
KC Gruel, District Office

Special Education

Regina Davis, Isla Vista
Ashley Johnson, Mountain View