



ALAMEDA UNIFIED SCHOOL DISTRICT
Excellence & Equity For All Students

Instructional Technology Program Overview

February 26, 2019

Teaching and Learning
& Technology Services

Presentation Goals ↓

→ Instructional Technology Infrastructure

→ Ausd EdTECH Team's Role & Actions

→ Curricular Integrations

→ Professional Development

→ Technology Services Projects

Interdepartmental



Technology Services
Rob van Herk, Director

Teaching and Learning
Steven Fong, CAO



Technician/Trainer
Projectors
Aeries
Sub-Admin
Google
Clever
Aeries
Subscriptions

Instructional Technology
Jan Carroll, TSA
Facilitator

AUSD Technology Committee
District & AEA Reps

AUSD EdTECH Team
Site Reps: TLS, Tech Leads & Admins

Project Manager/
Trainer/Advisor
● Google PD
Aeries PD
Epson PD
Subscriptions
Furniture



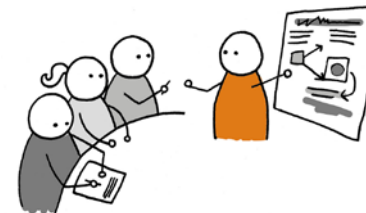
EdTECH Site Representatives

Communications

Advisory

Admin Allies

Training





Task Forces

AUSD Collaborative TECH Bytes

Digital Citizenship Task Force

CS K12 Task Force

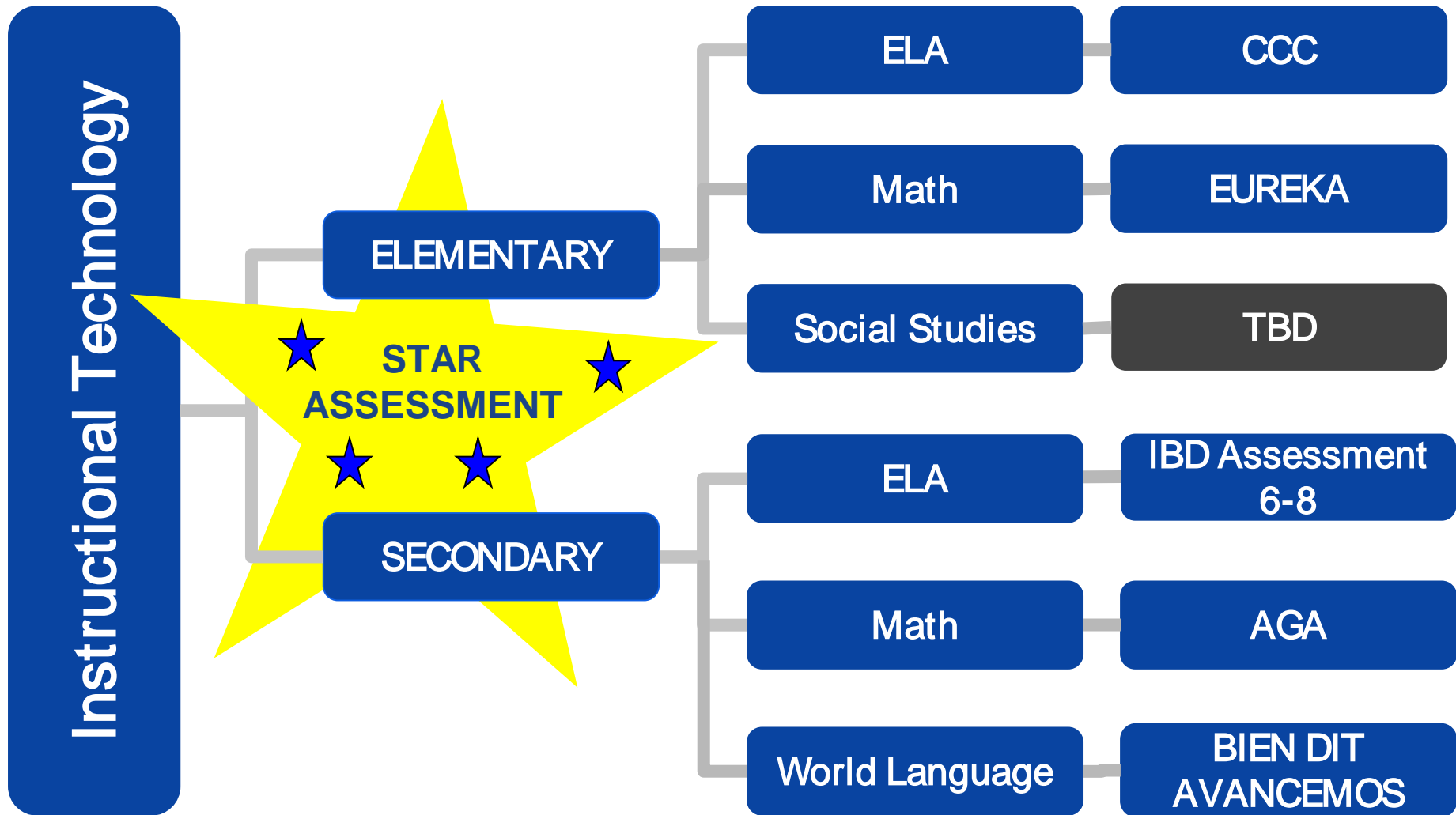
CPSA Alliance for Student Privacy

EdTech Vision Task Force

Takes a Village!



→ Curricular Integration



Frame Around Task

R

REDEFINITION

Technology allows for the creation of new tasks, previously inconceivable

M

MODIFICATION

Technology allows for significant task redesign

A

AUGMENTATION

Technology acts as a direct substitute, with functional improvement

S

SUBSTITUTION

Technology acts as a direct substitute, with no functional change

TRANSFORMATION

ENHANCEMENT

FRAME AROUND STUDENT AGENCY

Moving from traditional teacher-created tasks to student-centered, tech-integrated learning

TECH

TECH for Teachers and Students

Handoff: Students' interests drive the learning experience with teacher guidance and the flexible choice of tools and technologies to achieve an authentic and exemplary product.

Choice: Teacher sets broad goals for student learning and offers a choice of tasks using a specified range of available tools.

Enhanced: Teacher integrates multiple tech tools to create an enhanced learning experience for students.

Traditional: Teacher designs the task using traditional pedagogy with technology supports.

STUDENT

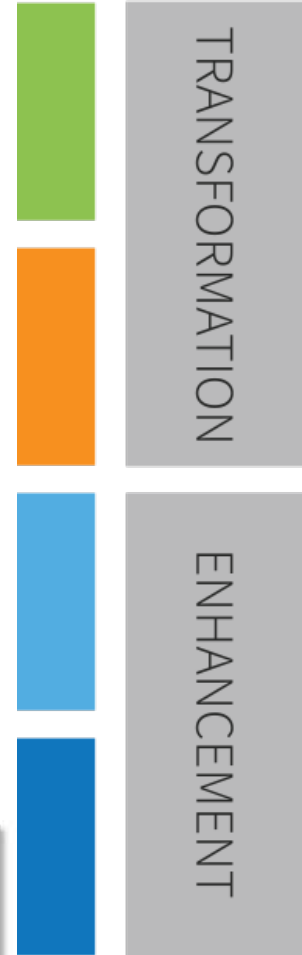
TEACHER

Created by: Jen Roberts @JenRoberts!



<http://www.litandtech.com/2013/11/turning-samr-into-tech-what-models-are.html>

Developed by Kathy Schrock
December 2014
Based on the work of Jen Roberts



Educator designs a task that targets a higher-order cognitive skill level

BLOOM'S

<http://schrockguide.net/bloom-in-apps.html>



FRAME AROUND GROWTH MINDSET





Google Classroom Delivering PD

**F2F Courses &
Online Program**

- Teacher training with face-to-face basics and online courses in various Google Apps

**CSEA
Symposia**

Training classified staff in Google Apps during CSEA Symposium Days

ILT & Admin PD

Modeling eMeetings with hyperlinked agendas; Summer PD in Google Classroom

→ Professional Development

1	101: Google Classroom	2	202: New Google Tools	3	304: Google My Maps	6	604: Google Sheets
1	AUSD Ed	Marianne Dilworth	Marianne Dilworth	5	500: Doolittle High School	6	Office Tech Series
1	102: New Google Tools	2	203: More Google Tools	5	501: Interactive Whiteboard	6	605: Google Forms
1	COPY FOR	Diana Kenney, Training	Amy Frary, Training	5	Admin Series	6	Office Tech Series
1	102: New Google Tools	2	204: More Google Tools	5	502: Site Meeting	6	606: Google Classroom
1	Earning Year	Diana Kenney, Training	Amy Frary, Training	5	Admin Series	7	Office Tech Series
1	102: New Google Tools	2	205: More Google Tools	5	503: Google Sites	7	701: Introduction to Chrome & Google
1	AHS	Amy Frary, Training	Diana Kenney, Training	5	Admin Series	7	Paraprofessional Series
1	102: New Google Tools	3	301: Hyperlinking	6	601: Introduction to Google	7	702: Google Docs
1	ASTI Staff	Diana Kenney, Training	Paizley Spencer	6	Office Tech Series	7	Paraprofessional Series
1	102: New Google Tools	3	302: Integrating Google	6	602: Google Docs	7	703: Google Slides
1	Wood Mill	Paizley Spencer	303: Screenca	6	Office Tech Series	7	Paraprofessional Series
2	201: Google Classroom	3	603: Google Slides	7	704: Google Sheets		
	Paizley Spencer				7	Paraprofessional Series	
						705: Google Forms	

→ Recognition



Badge Program



→ Budget Overview

Item	Funding Source	18-19 Budget
Staffing (1.0 FTE TSA)	Technology Services General Fund	\$117,000
System Software & Sites' Hardware	Technology Services General Fund	\$810,000
Professional Development ● Hourly, Release Time Conferences	Teaching and Learning Title 2 \$48,000 General Fund \$22,000	\$70,000
Web-Based Programs Assessment Content Supplemental Individualized	Teaching and Learning General Fund	\$45,000
	Student Support Services LCFF Supplemental	\$100,000

→ Capital Investment

Technology Services Expenditures Breakdown

Item	Funding Source	2018-19
Aeries SIS	General Fund	\$55,000
School Loop CMS (Website Hosting) w/ School Loop Plus (6-12)	General Fund	\$18,000
Classroom Displays (projectors)	General Fund Measure B1	\$110,000
Chromebooks and Chromecarts		\$250,000
Teacher Stations: ● Laptop/Desktop & Doc Cam	General Fund Measure B1	\$150,000
Total		\$583,000

→ Online Investment

Instructional Technology Web-based Expenditures

Summary of Current District-Wide Instructional Technology Web-based Expenditures (2018-2019)

Expenditure	Amount	Funding Stream and Notes
STAR Assessment	\$100,000	Student Support Services (LCFF Supplemental)
EADMS	\$37,000	General Fund (Unrestricted) → Data/Assessment Tool
National Student Clearinghouse	\$850	Teaching and Learning → Alumni Tracking
Cyberhigh Subscription	\$25,000	Teaching & Learning (LCFF Supplemental)
Acellus	\$44,150	General Fund (Unrestricted) → Supplemented by Grant
Encyclopedia (World Book and 1/2 Britannica)	\$8,400	Teaching & Learning (1/2 Britannica subsidized by State)
Schoolzilla	\$57,000	PROP 47 Grant
Total	\$272,400	

Technology Services' Projects





Short Throw Projector Project

183 Installations as of 1/19 and Counting!

TK-5

106

- Short throw projectors installed in elementary classrooms; legacy SMARTBoards remain where viable; completing Elementary level

6-8

30

Short Throw projectors currently in some classrooms; completing remainder by Fall 2019

9-12

47

ASTI - completed in 2017
AHS & Encinal - started; completion under renovation and modernization projects
Island - to be completed



Electronic Gradebooks Status

Secondary

- School Loop gradebook available and email through Loop Mail
- Aeries gradebook available and email through Outlook

Elementary

Neither School Loop gradebook nor Loop Mail available



Student Information System

- Environment: Local admins control; customization; translations; District admins = Help Desk

Efficiency: Family/student portals, one account TK-12, registration, state reports, report cards, 4-year academic plan

Empowerment: Data for “just-in-time” interventions = improved student outcomes!

→ Training Timeline

Aeries Gradebook Training/Trainers



Robyn Kondo,
AUSD Data Manager
& Jan Carroll, TSA
+
AUSD EdTech Trainers
Secondary Leads

The screenshot shows the Aeries Gradebook Basics District Module interface. It features a large blue and red 'A' logo on the left. The main content area includes a title 'AERIES GRADEBOOK BASICS' and a subtitle 'DISTRICT MODULE'. Below the title are three blue buttons: 'PLEASE SIGN IN ON THE ELECTRONIC ROSTER', 'CLICK HERE TO PRACTICE ON A LIVE DEMO SITE', and 'CLICK HERE TO SEE VIDEOS'. A blue banner below the buttons reads 'AERIES GRADEBOOK TIER 1 BASICS: DISTRICT MODULE'. At the bottom, there is a section for 'CLIENT PORTALS: ACCESS & CONTENT' with a sub-section for 'Student and Parent/Guardian Portals'. A small inset image shows a tablet displaying the Aeries Student Information System logo. The Google ID/PW is 'johndoe123@ausd8.us'.

→ A Teacher's Perspective

Diana Kenney, Encinal Jr/ Sr High



Plan for 2019→

- **School Loop Web Page:** Teacher page for hosting contact information, course descriptions, links, and material with static or dynamic content per teacher design
- **Google Classroom:** Platform for assigning, collecting, grading, and returning work; can function as teacher web page for content and links; has email capability for class and individual students
- **Aeries Gradebook:** Permanent record; platform for attendance, grades, and electronic gradebook with similar functions as Classroom. Aeries gradebook imports scores from Google Classroom for those who prefer Google's interface.

AUSD

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Questions?