

REIMAGINING LEARNING ENVIRONMENTS

orcutt winslow

AGENDA

- Introductions (Introducciones)
- Review of Results (Revisión de resultados)
- 3 Program/Curriculum Prioritization (Priorización del plan de estudios)
- Gaps Analysis (buscando información faltante durante el proceso de análisis educativo)
- Discussion (Discusión)
- Next Steps (Próximos pasos)



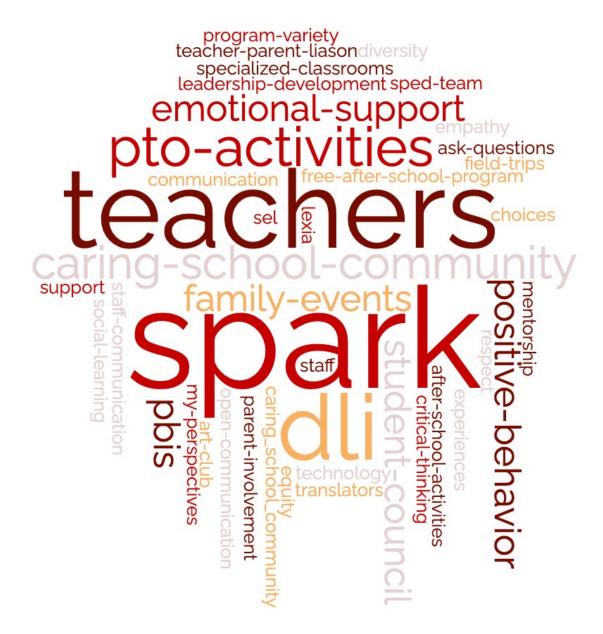
What skills and dispositions from the Portrait of the Learner do you think are currently nurtured by Bologna?





What Educational Programs, Experiences, and Curricular options are currently provided by Bologna that build such skills to align with the Portrait of the Learner?







What additional Educational Programs, Experiences, and **Curricular Options should** be provided by Bologna to better align with the Portrait?

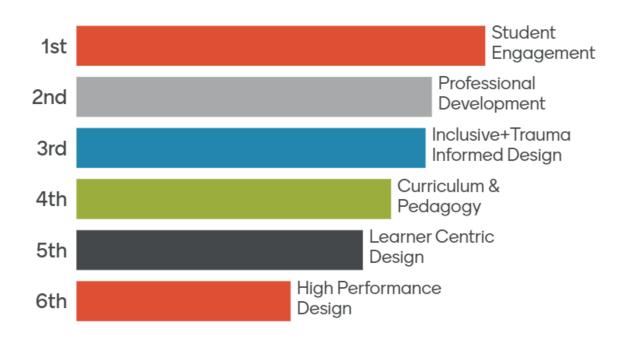




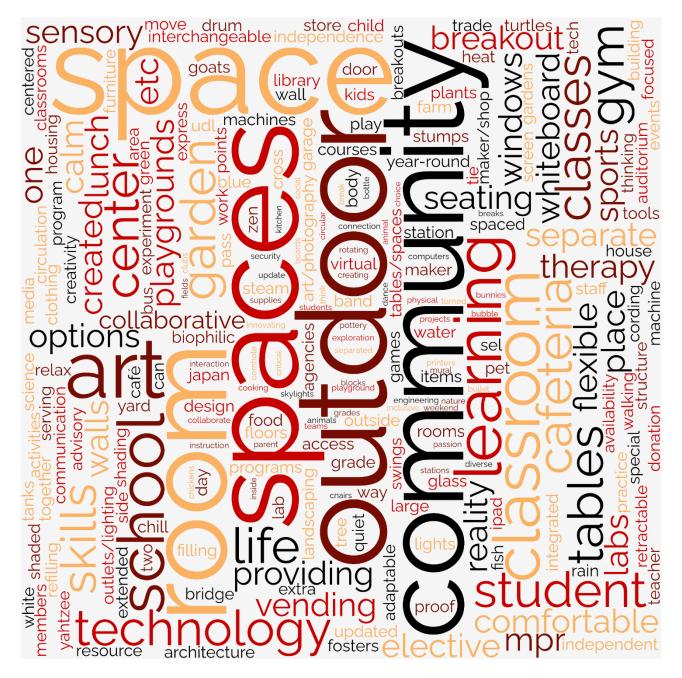
What facilities, resources, and infrastructures (furniture, technology, personnel, etc) are needed to impact and improve student outcomes, to better align with the Portrait?



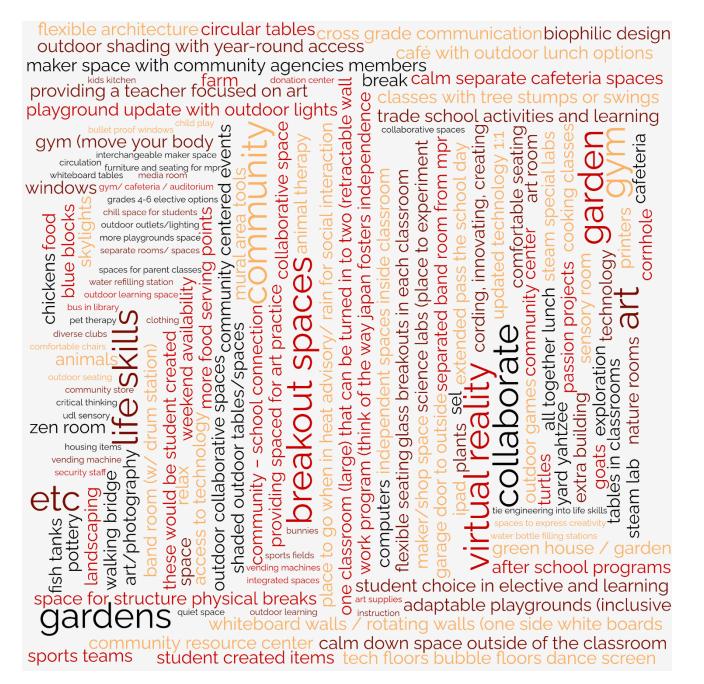
Within the context of the Portrait of the Learner, and the Key Ideas presented, rank Bologna's current performance in the following categories



Group Breakout- Frequency of Words



Group Breakout- Frequency of Ideas

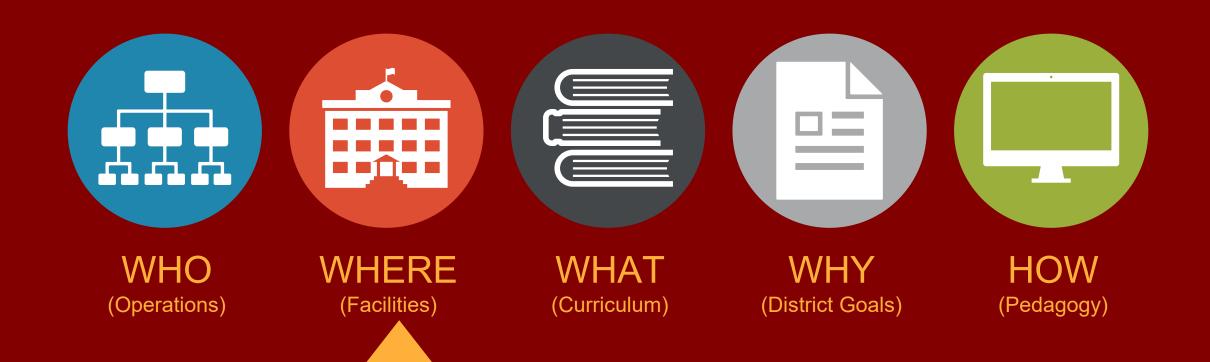


NEXT WEEK





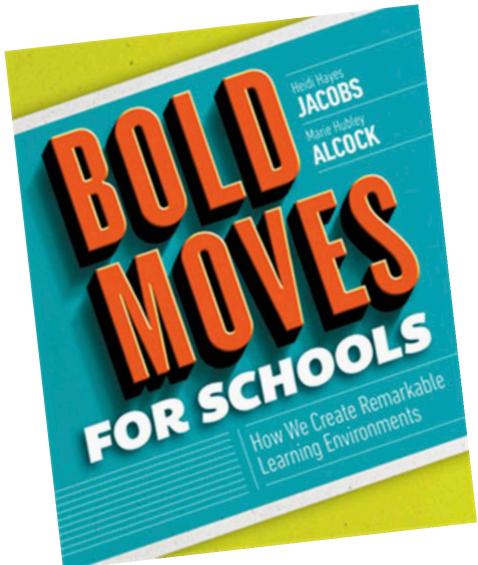
REIMAGINATION ENCOMPASSES...



CHANGING JUST ONE DATA POINT...

HOLISTIC FRAMEWORK

- ESSENTIAL ANCHORS OF TRANSFORMATION[Important tools or topics that help to ensure implementation]
- CLUSTERS OF PEDAGOGY [Understanding the spectrum of facilities, ranging from antiquated to contemporary. Being able to place yourself on that scale]
- PROGRAM STRUCTURES [Within any school setting, influences that directly impact students and teachers]



ESSENTIAL ANCHURS UF TRANSFORMATION





21st Century Vision of Teaching and Learning



Impactful Pedagogy to Serve that Vision



Transformative Leadership to Enact the Vision



Deep Implementation Across Systems, Structures and Policy



ESSENTIAL ANCHURS UF TRANSFORMATION



- "The antiquated notion of student as receptacle is over."
- Transformative districts embrace a set of 21st Century competencies; some have specifically adopted a profile or portrait of a graduate, a vision statement outlining the competencies that are critical for each student to develop, beyond content mastery and memorization.



- "Pedagogy results in action."
- Rather than dissemination of information, competencies require pedagogies such as project-based learning, design thinking, and inquiry-based learning.
- Requires teachers to *reframe, rather than simply recalibrate* their professional role.

ESSENTIAL ANCHURS OF TRANSFORMATION



TRANSFORMATIONAL LEADERSHIP

- Departure from a rigid hierarchical leadership structure.
- Leaders model the creativity, collaboration, communication and critical thought they want too cultivate in their schools.
- Visionary and committed senior leader that empowers their teams and teacher as leaders in their own right.



DEEP IMPLEMENTATION

- "The physical plant of a school is a concrete manifestation of pedagogy."
- Reconstruct outdated conceptual structures such as time, organization of groups, and professional development.
- Seismic shift in view of profession, *project that* view to the public, employ it with policymakers.

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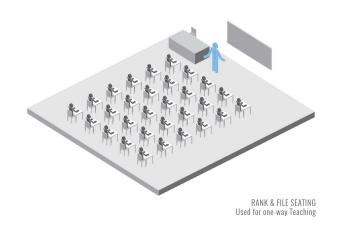
CLUSTERS OF PEDAGOGY

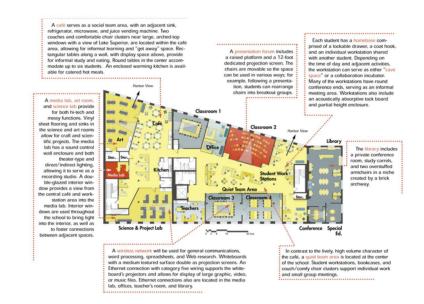
ANTI	QUATED	CLASSICAL	CONTEMPORARY
 Learning e within class 	experiences entirely ssroom	 Classroom in school and other places 	 Learning within a range of physical and virtual environments
Linear del	ivery in class	Delivery in a range of settings	Nonlinear learning
Set formation	ts and structure	Limited flexibility in structure	 Fluid and flexible scheduling structures
 Strict, spe and teach 	cific roles for students ers	 Interactive yet specific roles for students and teachers 	 Fluid roles for students and teachers as they interact as both teachers as learners
Restricted	communication tools	Limited communication tools	 Open-access communication tools
Rigid, set	curriculum	 Established curriculum with some flexibility 	 Responsive curriculum both ongoing and personalized

PROGRAM STRUCTURE CONTINUUM

	ANTIQUATED	CLASSICAL	CONTEMPORARY
SPACE	Self-containedAll rooms the same	 Field Experience Use of existing spaces for effective instructional grouping 	 Virtual spaces 24/7 Field Experience Wide range; learning spaces create new learning experiences
TIME	 Standardized, 19th century agrarian, 13-year experience Daily schedule standardized by habit 	 Coordinated time frames which possible to support learners 	 Task determines time Teachers work with students to bid for on site time segments over week and month
GROUPINGS	 Strict grade-level grouping K-12 Classroom; no instructional grouping 	 Some cross-grade cooperative groups Individualized Differentiated grouping 	 Personalized: on site virtual Field experience based on quest Multi-age based on learning progressions
PERSONNEL	 One teacher, self-contained in isolation to match class Faculty grouped by grade/department in isolation No interschool connections 	 Some vertical and interdisciplinary within and between buildings 	 Teacher has multiple affiliations: Inquiry quest groups Coaching individuals Virtual/on-site direct teaching Seminar/webinar Global cyber faculty

SPACE







- Four walls
- Reflection of standardization and uniformity (factory age)

- Breakdown of four walls
- Various learning experiences on site (library, gardens, etc)
- Issue and skill based
- Furniture as an enabler
- Diversity and cross-pollination of activities
- Virtual

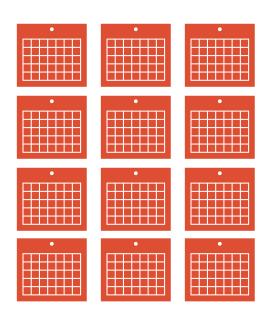
TIME



- Agricultural schedule/cycle
- Curriculum fits within Schedule

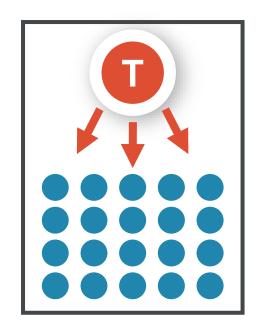


 Latitude afforded with periods, blocks, modules, anchor days, etc.

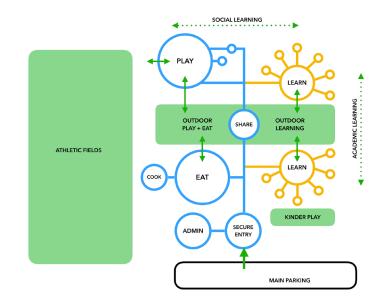


- Task determines time
- 24 / 7 / 365 via virtual learning

GROUPINGS



- Designed for efficiency & coverage of content
- How many kids can a teacher manage?
- Constricted/isolated by space

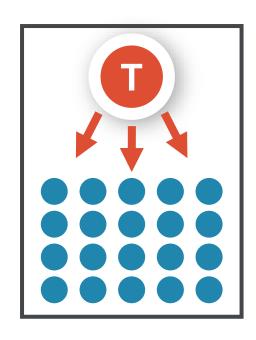


- Institutional vs. Instructional
- Grouping via "differentiation"
- Grouping via subject, gender, age, activity, etc

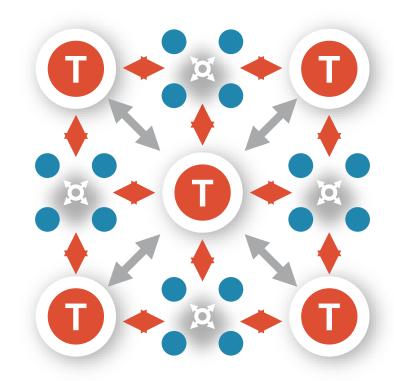


- Coached self-navigation enabling learners to seek and find appropriate groups and possibilities
- Virtual learning studios, seminar rooms, and town squares

PERSONNEL



- Self contained classes
- Isolation except for basic professional development
- Primary affiliation with other teachers in same grade

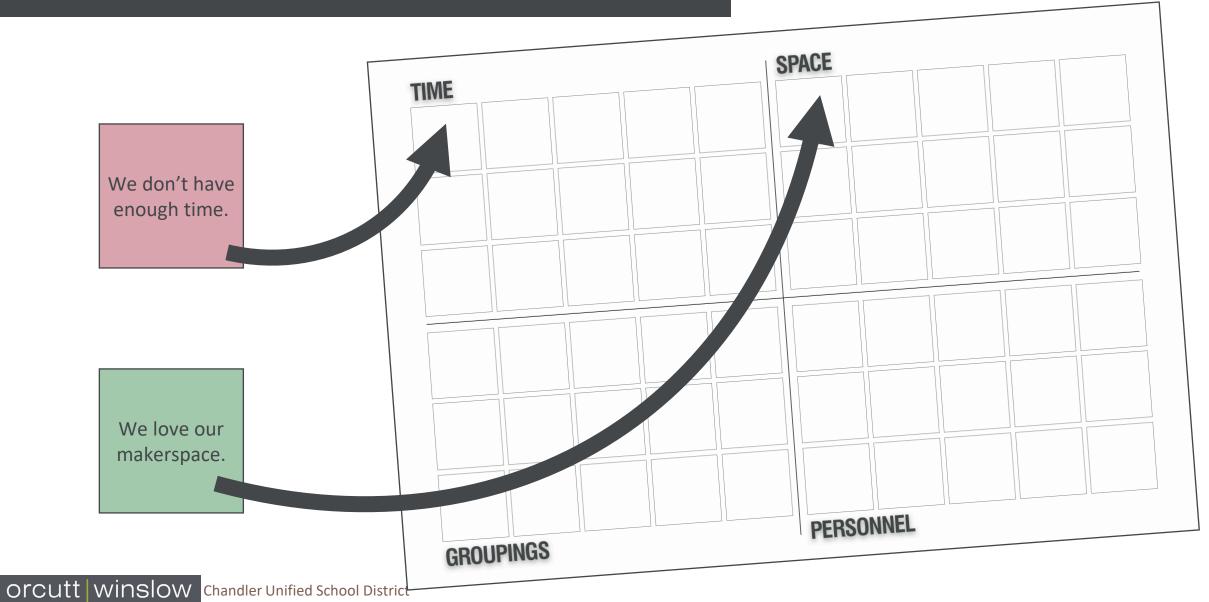


- Project/inquiry based learning causes collaboration
- Collaboration limited to on site
- Based on institutional practice



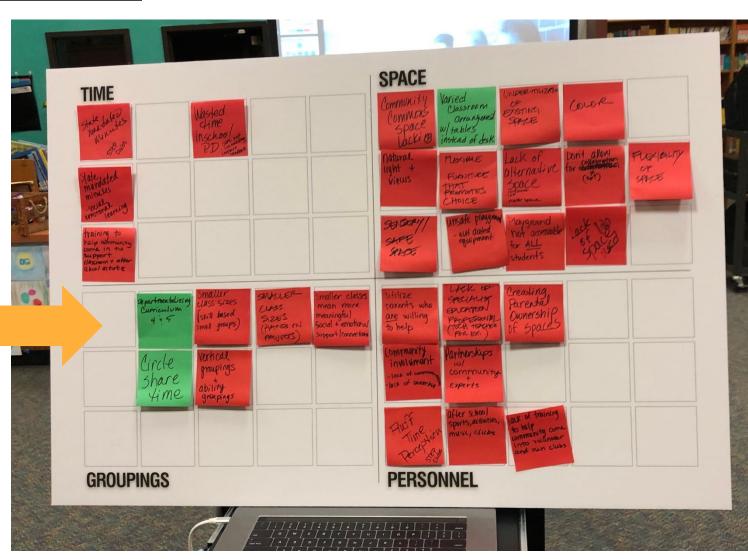
- Faculty can have multiple affiliations both on site and virtual (networking)
- Grouped by interest, mentors and coaches

BREAK OUT DISCUSSION



GAPS ANALYSIS







COCONINO HIGH SCHOOL



JANUARY 22, 2020

BREAKOUT DISCUSSIONS

TIME

- · Flexible schedules to accommodate for work schedules / activities
- · Simulate collegiate level
- · Time for teacher collaboration / pd
- · Individual time for make-up, group, study, collaboration
- · Technology could be used to monitor progress, and breakdown traditional needs for one to one monitoring.

GROUPINGS

- Integrating curriculum, hard to schedule time/ resources
- · Community ownership and use of schools
- · Culturally inclusive, and associated ramifications

SPACE

= not working

- · Atrium spaces under utilized, accessibility an issue
- · Science labs need larger space, newer equipment, better
- · Flexible seating, variety of seating throughout all
- · Lack of multi dimension space that is inclusive
- · Environmental conditioning / comfort
- Maker space for students
- · Flexibility of space, furniture, technology, infrastructure
- Outdated instructional space size and configurations
- · Lack of maintenance
- · More natural light, skylight, views to the exterior
- · Re-envision the "swampy pond", utilize better
- · Robotics lab
- · Several inaccessible spaces
- · Safe space for students and faculty
- · Additional performance / gathering space for both community and students
- Aesthetically pleasing color, materials in spaces
- · Modernizing spaces, feels industrial and dated

PERSONNEL

- Expert Professional Development ongoing learning methods support
- · Lack of cultural diversity
- · Community liaison for outside professionals and learning opportunities.
- · Access for student internships / partnerships with professionals, real world experience
- · Need for additional counselors/mental health experts for students and faculty
- · Understaffed in general, content specific intervention

DISTRICT WIDE RAW DATA

COCONINO HIGH SCHOOL



CAMPUS WALK / FINDINGS



DISTRICT WIDE PRIORITIES



FLEXIBLE & COLLABORATIVE FURNITURE



BIOPHILIC DESIGN CONCEPTS, NATURAL



TECHNOLOGY INTEGRATION & SUPPORT





ACCESSIBILITY **UPGRADES**

CAMPUS SPECIFIC PRIORITIES







SENSORY & CALMING SAFE & ACCESSIBLE LEARNING THROUGH PLAY







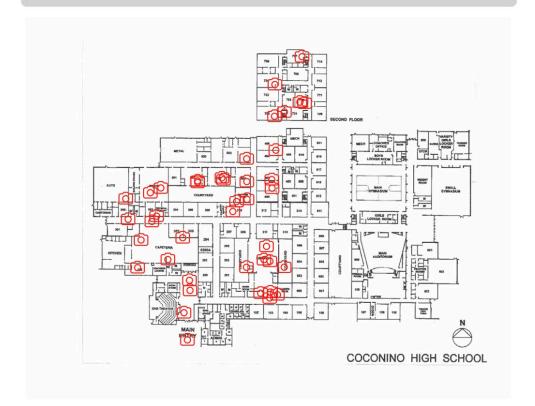




COCONINO HIGH SCHOOL



CAMPUS WALK / FINDINGS



DISTRICT WIDE RAW DATA

COCONINO HIGH SCHOOL

























COCONINO HIGH SCHOOL



CAMPUS WALK / FINDINGS























COCONINO HIGH SCHOOL



























COCONINO HIGH SCHOOL



CAMPUS WALK / FINDINGS

























DISTRICT WIDE RAW DATA





























COCONINO HIGH SCHOOL



CAMPUS WALK / FINDINGS



























COCONINO HIGH SCHOOL





























2020 STRATEGIC MASTER PLAN FACILITIES REPORT



DATE ISSUED JULY 1, 2020



orcutt winslow

2020 Facilities Report

Sinagua Middle School Assessment

Identified Scope of Work 21 C, Collaborative & Flexible Learning Spaces	Square Feet/ Georgiy	Estimated Unit or SF Cost	Total Estimated Cost	Priority	Your To Be Comptote	2022 Bo	nd an					
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Flexible and collaborative	3,600	\$100	8525,000							1 - 1 - 1		
Sections		\$100	8390,000			8656,6	00 86	69,990	****			
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WELL, Biophilic Design Concepts & Ouedoor Learning			9190,000				440	M,720	\$230,200		****	
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the state of the s	1	\$100,000										2 rear classrooms
	1	\$300,000	\$100,000		-							
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	2.000		50				\$337,0		8357,306	\$126,240	\$133.62	
Sensory paths & movement opportunities	4,000	\$75	8225,000			80		ko		8378,743	8401,46	
	7	***				\$238,500			80	80	80	Bota
Parent/Community			\$10,000				\$252,810		267,979	400000	-	Refer to HZ Group Facilities Gondition Assessment Report
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Corresplay spacetup	2,000							- 5	11,910	\$12,025	******	
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			80		8	251,587	\$296,093	-		866,115	\$602,022	Reclaim maintenance space in
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Record SPRING	511	8543,000			-						-	salos: Additional technology support for next gen learning
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Facilities	819	8270,000			\$254.40	3006		5643,149	\$501,7	34	2,147 Allows	
Assessment Scope of Work					\$285.20	\$269,		2285,844	\$302,00	9122	1000	NOB
					-	6303,3	72 8	321,574		wazi,	174	
Remaining FCA Scope of Work									\$340,86	8391,	321 Potentio	NAU Grant
Posterio	\$4,039,153	\$4,329,153										- Gall
Potential SFB Building Renewal Grant Projects				-	\$4,599,500	_						
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Controls Confirment Repairs &	\$750,000	8750,000		_							Condition	2 Group Pacificia Nacestroant Pioport
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rview Identified items Below For Inclusion As	poner				\$	10,462,068	\$11,089,81	3 \$71	766 700		- America Ass	Proup Facilities leases and Papert
- sentined on 04/02/2004								4.70	755,202 \$	12,460,514		
reacting exit to the south terminates onto a concre- prenty, the sensory and calming room is located un throoms currently underway.	fepad a in											
processes currently underway A elevator project thenance strace near commonwhale is underutible every repurposed into learning spaces station computer labs into useration.	ider on exists	mently useable as	No Second									

- Also develop project
 Maintenance space near commonwhate is underutified space, potentially useable for technology fully, etc.

- Transaction compared into learning access
 Transaction compared logs into usestion-freekle learning spaces
 Recognition desertion in the large security and the learning spaces
 Recognition desertion large

Additional Items from CW notes, Mand, Stormboard, etc. (Crty capital insues)

Thomas Elementary School Assessment

Identified Scope of Work	Square Feet/ Quantity	Estimated Unit or SF Cost	Total Estimated Cost	Prioirity	Year To Be Complete	2022 Bond	2024 Bond	2026 Bond	2028 Bond	2030 Bond	Comments
							Inflation	calculated at 3%	per year		•
21C, Collaborative & Flexible Learning Spaces											
Flexible multi-use space	2,400	\$175	\$420,000			\$445,200	\$471,912	\$500,227	\$530,240	\$562,055	Media/Makerspace Upgrades
Rooms of various sizes for alternative groupings	1,800	\$100	\$180,000			\$190,800	\$202,248	\$214,383	\$227,246	\$240,881	Partitioning/Rearranging multiple classrooms to accommodate for scalable activity grouping
Furniture in specialty areas	1	\$120,000	\$120,000			\$127,200	\$134,832	\$142,922	\$151,497	\$160,587	Allowance
Sensory & calming rooms/refocus rooms	450	\$200	\$90,000			\$95,400	\$101,124	\$107,191	\$113,623	\$120,440	Single half classroom
WELL, Biophillic Design Concepts & Outdoor Learning											
Patterns, colors & novelty	1	\$75,000	\$75,000			\$79,500	\$84,270	\$89,326	\$94,686	\$100,367	Allowance
Natural light and views	1	\$150,000	\$150,000			\$159,000	\$168,540	\$178,652	\$189,372	\$200,734	Allowance
Physiological comfort (thermal comfort, HVAC improvements)	1		\$0			\$0	\$0	\$0	\$0	\$0	Refer to H2 Group Facilities Condition Assessment Report
Outdoor classroom spaces: Accessibility, durable & low maintenance (off-season)	1,800	\$100	\$180,000			\$190,800	\$202,248	\$214,383	\$227,246	\$240,881	
Playgrounds: Safe & accessible learning through play	1	\$75,000	\$75,000			\$79,500	\$84,270	\$89,326	\$94,686	\$100,367	Allowance
Sensory paths & movement opportunities	1	\$10,000	\$10,000			\$10,600	\$11,236	\$11,910	\$12,625	\$13,382	Allowance

