

Master Plan Committee 2018-19

800 South Taft Avenue • Loveland, CO 80537

May 9, 2019 5:00 PM to 7:00 PM

Location: Administration Building

Purpose: To co-create a clear and compelling Shared Vision for Thompson School

District facilities in alignment with its educational mission.

Agenda Item:	Presented by:	Time slot
Pledge of Allegiance		5:00
Welcome and Introductions		5:05
Co-Creative Process + Communications		5:15
Planning Dept. Recommendations		5:30
TSD Parallel Efforts: Maintenance Forecasting		5:45
Highlights from Workshops		6:10
Master Plan offering + Gap Priorities		6:40
Conclusions & Next Steps		6:50
Adjourn		7:00

MASTER PLAN COMMITTEE WAS WORKSHOP #4







welcome





Mission:

- Empower to learn
- Challenge to achieve
- Inspire to excel

Vision:

The Thompson School District will be a school district that empowers, challenges and inspires students, faculty, staff, parents, school leaders and community members to learn, achieve and excel.

our purpose

To co-create a clear and compelling vision for

how facilities will align with the Thompson

School District educational mission and vision.



WORKSHOP OVERVIEW

JANUARY Workshop #1: Master Plan Visioning

FEBRUARY Workshop #2: Facility Principles + Standards

MARCH Workshop #3: (no meeting)

APRIL Workshop #3: Gap Analysis, Demographics

MAY Workshop #4: Recommendations

AGENDA

Welcome back!

Co-Creative Process + Commitments

Planning Department Recommendations

TSD Parallel Efforts: Maintenance Forecasting

Highlights from Workshops 01 - 03

Master Plan Offering + Gap Priorities

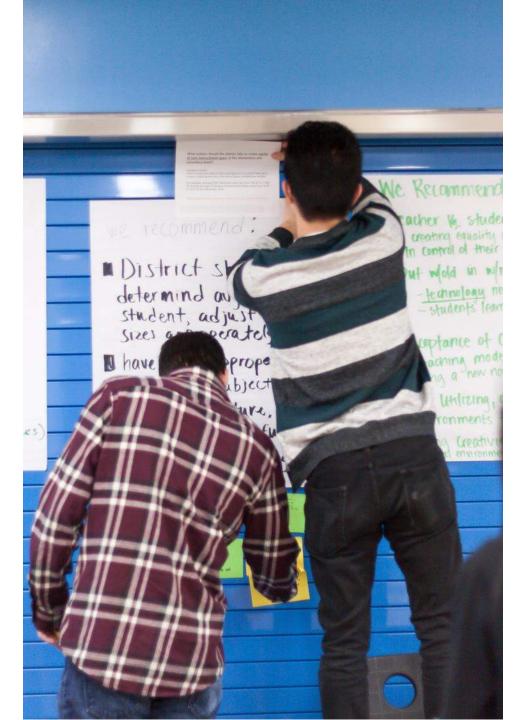
Conclusions & Next Steps



WHAT IS A MASTER PLAN?

- Road map for the future
- Focused on your Vision for Learning
- Living/Breathing Document
- Allows logical implementation of improvements over time
- Physically & Fiscally Responsible





WORKSHOPS

A fun, creative working process that promotes full collaboration among all of your key stakeholders, and utilizes design thinking to openly and effectively make great decisions about the future.

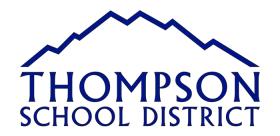
co-creative mindset

RELAX & ALLOW. Constant self monitoring will get in the way of group performance. Let go...

DON'T WORRY ABOUT WHO GETS CREDIT. When everyone genuinely collaborates, everyone ends up being more creative.

CLARITY IS NOT A VIRTUE. If everything you say is detailed and explicit, you won't give your collaborators room to run. Put ideas out there that are half-baked.

CREATIVITY IS RISKY. Nurture an environment that rewards failure. Successful creative teams are the ones who fail the most often.



Planning Department Recommendations

Planning Department Recommendations

Skip Armatoski, Planning Manager

May 6, 2019 Master Plan Committee Meeting



3 - 7 Year Timeline

Acquire land for future secondary campus in SE quadrant

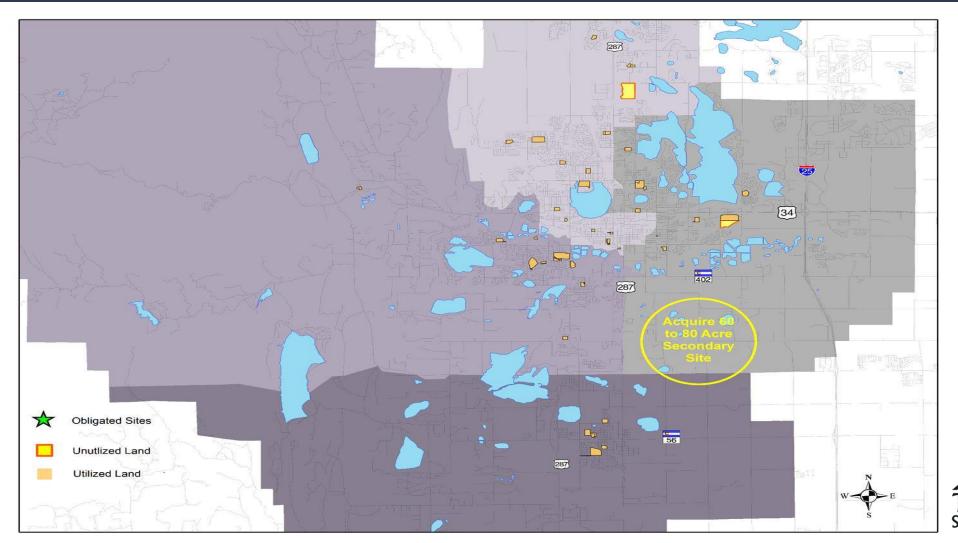
Monitor capacity/utilization at MBES, MES, and CBMS

Address boundary issue at Truscott (Consolidation?)

Provide solutions from Gap Analysis



Acquire Land for Future Secondary Campus





Acquire Land for Future Secondary Campus

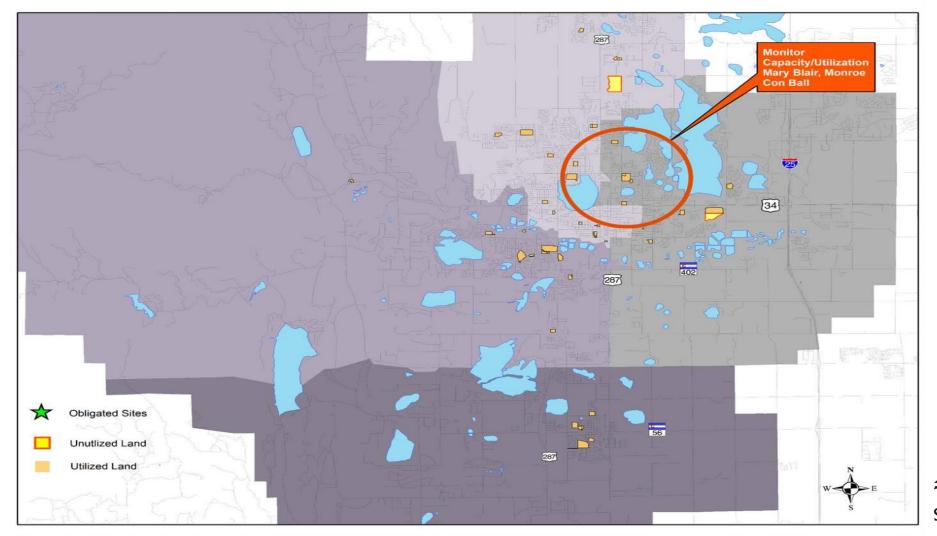
Majority of future development: NE/SE

• Elementary sites are acquired through dedication

Ideal site would be centered between MVHS and BHS



Monitor Capacity/Utilization at Mary Blair, Monroe, and Conrad Ball





Monitor Capacity/Utilization at Mary Blair, Monroe, and Conrad Ball

K-8 resident population is down 200 since 2014

• 6-8 resident population is down 80 since 2014

No further development space in area



7 - 10+ Year Timeline

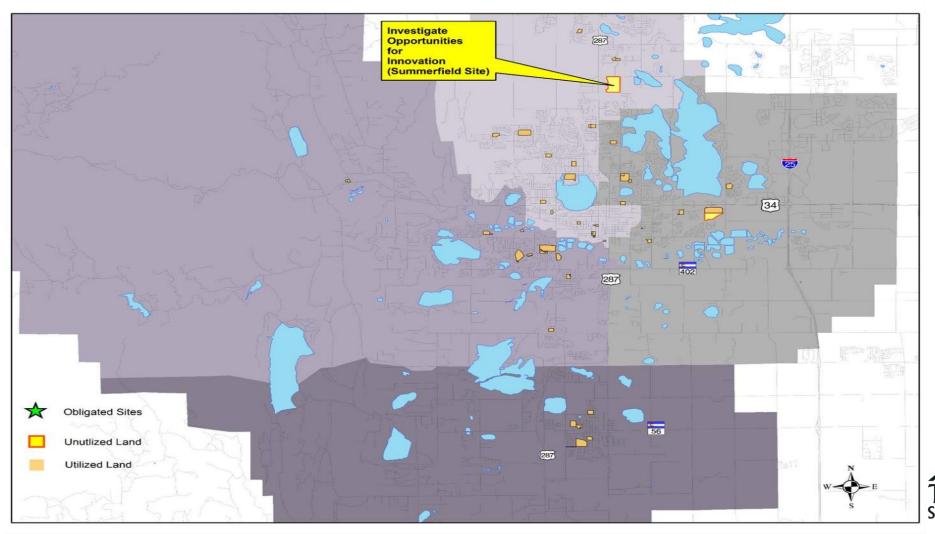
• Define opportunities for Summerfield site

Build new elementary school in Berthoud area

Build new elementary school in Centerra East



Define Opportunities for Summerfield Site





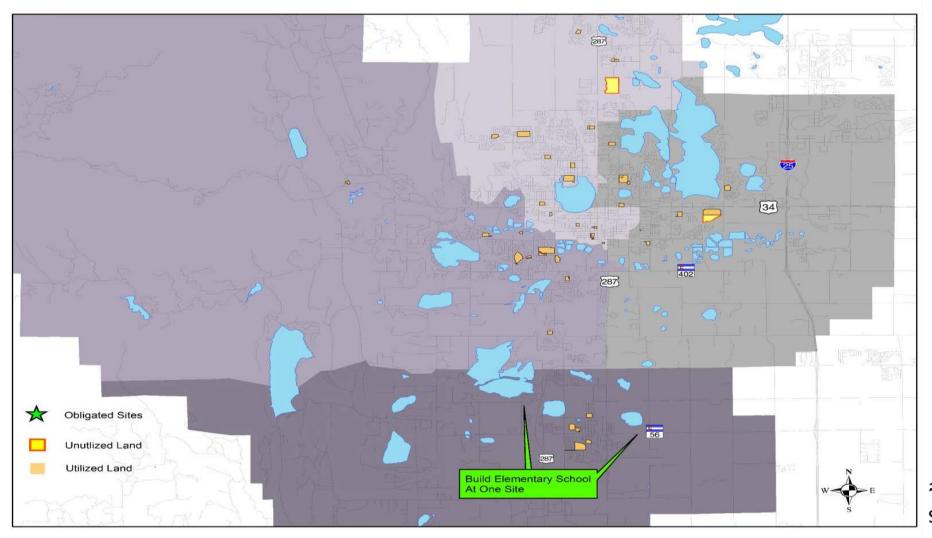
Define Opportunitites for Summerfield Site

• 97 acres

• District owns the site outright – no restrictions



Build New Elementary in Berthoud Area





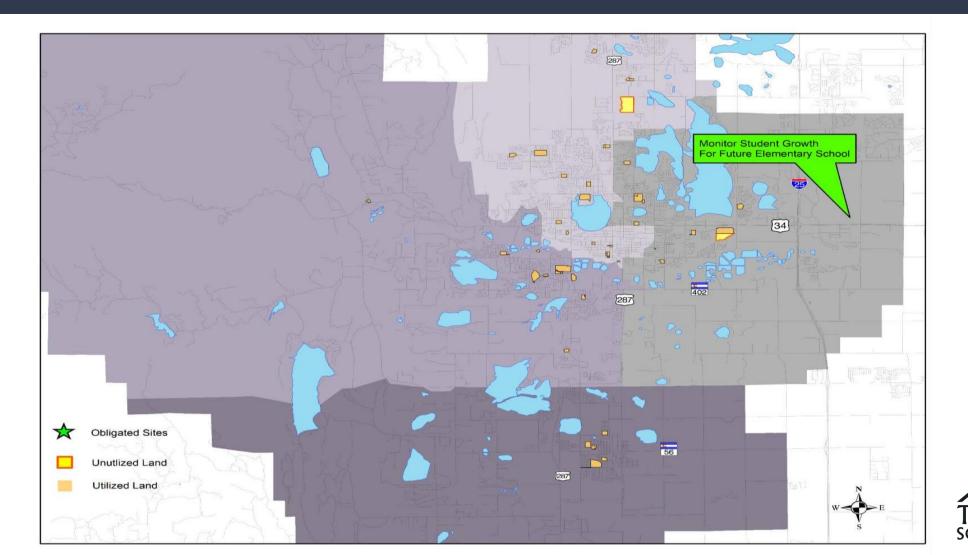
Build New Elementary in Berthoud Area

	Capacity (95%)	Current Enrollment	Current Resident	2023 Enrollment	2023 Resident	2028 Enrollment	2028 Resident
Berthoud	456	481	468	594	618	834	916
lvy	337	375	343	514	483	608	608
TOTAL	793	856	811	1108	1101	1442	1524

- 2 Obligated Sites
- 10 Acres at Heron Lakes (West)
- 12 Acres at The Farmstead (East)
- 5900 DU's in process

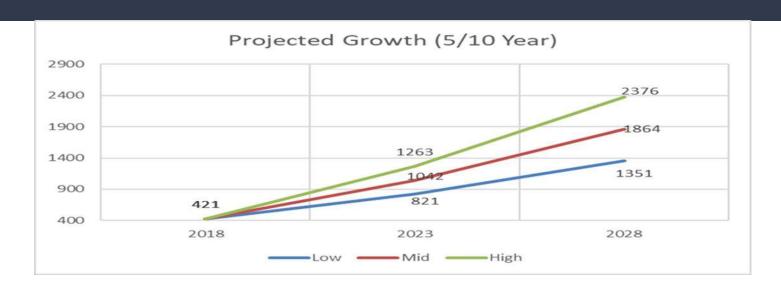


Build New Elementary School in Centerra East





Build New Elementary School in Centerra East



• Explosive K-8 growth continues east of I-25

Obligated site in Centerra East



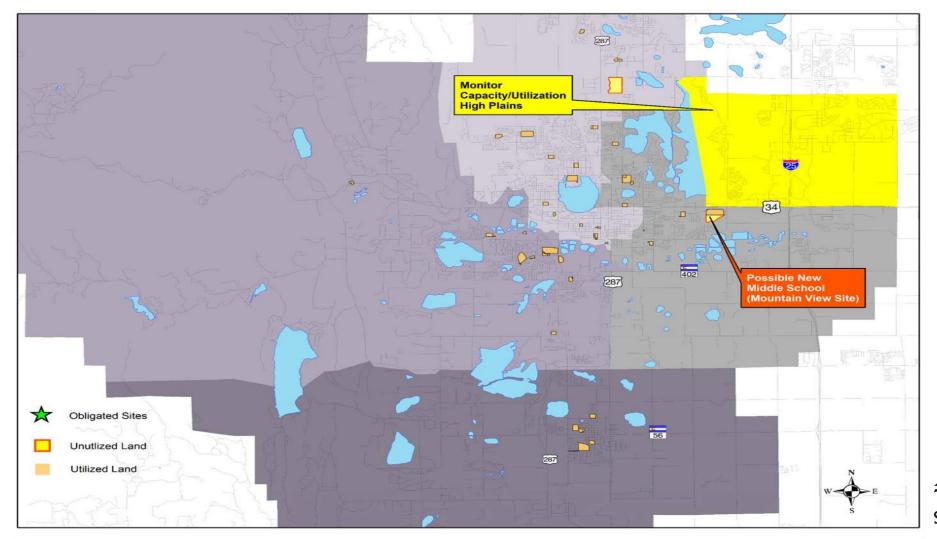
0 - 10 Year Timeline

Monitor Capacity/Utilization at High Plains

Possible New Middle School at Mountain View Site



0 - 10 Year Timeline





Monitor Capacity/Utilization at High Plains

• Explosive growth to continue

What relief will new PK-8 and new elementary provide?



Possible New Middle School at Mountain View Site

New PK-8 2021

New elementary in Centerra East

New middle school needed on east side?





Maintenance Forecasting

Maintenance Forecasting Master Plan Committee

May 6, 2019

Maintenance Forecasting

- Data compiled through system life cycle modeling and component analysis
 - > Systems: Life cycle estimates per system based on cost per square foot estimates
 - Component analysis through comprehensive facility assessments
 - Revised prioritization scale, 15 total categories, still capturing same needs previously identified; Updated on an annual basis; Focus is on immediate needs (O-7 years)



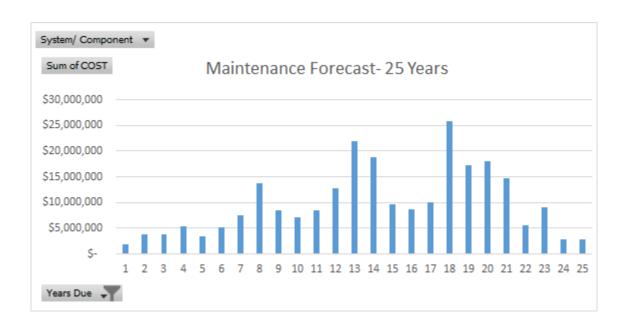
Maintenance Forecasting

Facility Component Analysis

- Evaluation of facilities by component
- Each facility reviewed in detail by trade
- Scored according to the following criteria:

	Building Preservation Criteria					
Each item to be Evaluated by below criteria:						
Priority	Time Response	Score	Criteria			
High	1 Year Response	1	Threatens the health and/or life safety of building occupant. Projects involve compliance with Building Fire Safety, Liability, and other regulatory codes			
Medium	2-4 Year Response	2	Impairs the functional use of the facility. Includes capacity and educational delivery issues.			
Low	5-7 Year Response	3	Improve Building Usage for Academic Programs. Includes upgrading electrical system for additional computers, or creating additions space for a new program.			
		4	If not remedied in a timely manner, will incur additional damage, or will increase cost of repair or replacement or will increase operational costs.			
		5	Reduces the quality of aesthetic value of the facility.			

Maintenance Forecasting



Both system and component analysis combined

Funding sources to consider:

Capital budget:~\$750,000

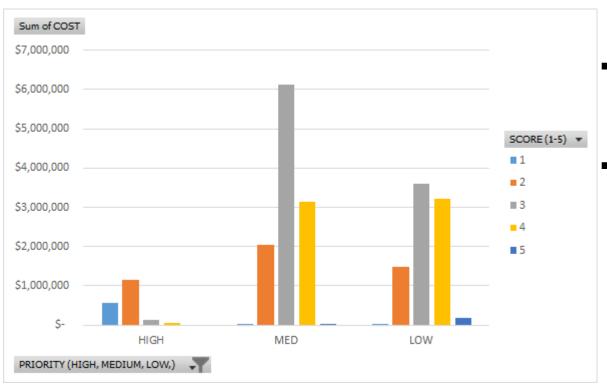
Maintenance Backlog:

■ 10 Years: \$60 million

25 Years: \$257 million



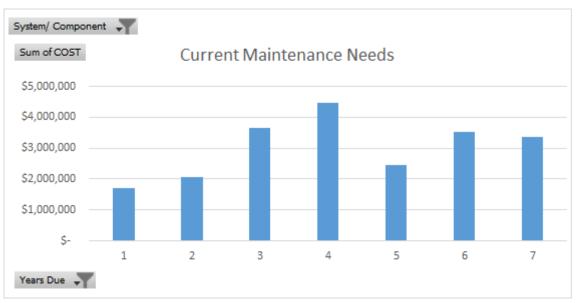
Maintenance Forecasting: High Needs



- Primarily Components;
 some systems: Lighting,
 HVAC Controls, etc.
- High Priority items
 include: ADA upgrades,
 safety/compliance items,
 HVAC upgrades, playground
 updates, electrical upgrades



Maintenance Forecasting: Next 7 Years



- Scheduled out based on priority and score
- Total for 5 years: ~\$15million
- \$10 million of bond premium would capture most of these needs for the next 4 years
 - Includes high and most medium priorities

highlights

from Workshops #1 - 3

FACILITIES PLANNING

The Board of Education shall adopt a district long-range facilities master plan (LRFMP) to guide the acquisition of school and support service sites, erection of new buildings, and modernization or rehabilitation of existing buildings. The superintendent shall develop procedures and recommendations for annually updating the district LRFMP to provide guidance for capital outlay expenditures and to insure that the district has well-planned buildings at appropriate locations and at reasonable cost.

The objectives of the LRFMP shall be:

- 1. To maintain and improve the educational environment for students and teachers in all district buildings.
- 2. To provide district schools with adequate support services in as effective and costefficient manner as possible.
- 3. To modernize in phases with consideration given to renovation, remodeling or improvement of substandard facilities, additions to facilities and use of appropriate alternatives to facility-based solutions. Prioritization of these phases will be consistent and congruent with facility conditions, instructional program delivery, and enrollment trends.
- 4. To create school complexes which are the best possible balance of effective grouping of educational resources, efficient management and operations, and community expectations for the character of the school system.

The LRFMP shall be congruent and consistent with the community planning documents and policies of the cities, towns, and counties contained within the district. District planning department staff members shall work directly with their counterparts in these entities to ensure that collaborative and interactive planning occurs with all governmental entities within the district.



MASTER PLAN & BLUEPRINT

2015



Empower to Learn

Inspire to Excel

BOARD OF EDUCATION

Bob Kerrigan President District G

Bryce Carlson Vice President District B

Treasurer District C Donna Rice Secretary District A

District D

Lori Hvizda Ward District E

Dr. Carl Langner District F

PLANNING ADVISORS

"The Board of Education shall appoint an ongoing, broad-based **master plan committee (MPC)** composed of staff and community members to develop and maintain the district long-range facilities master plan (LRFMP).

The MPC shall study current facility use, expected enrollment trends and the **effects** of changing educational practices on facility needs. Annually it shall report its findings to the Board, including analysis of options and recommended strategies for addressing district facility utilization and needs in an economic manner. Its recommendations should be consistent with Board policy and goals and aim at minimizing undesirable effects on the quality of the district educational program."



Highest Hopes

Please introduce yourself and a highest hope you have for your work on the MPC in 2019...



HIGHEST HOPES

- CREATE PLAN FOR STO SUCCESS
- · SYSTEMS THAT ENHANCE OUR SCHOOLS
- · INCLUSIVE MODEL, FOST
- · SUSTOINABLE LONG. TEVEN P.
- · FOTURE FOCUSED!
- EAPLIEN, BUILD PRINTINGSHIPS
- Supports 100% and ROTE + CAREER GOOLS!

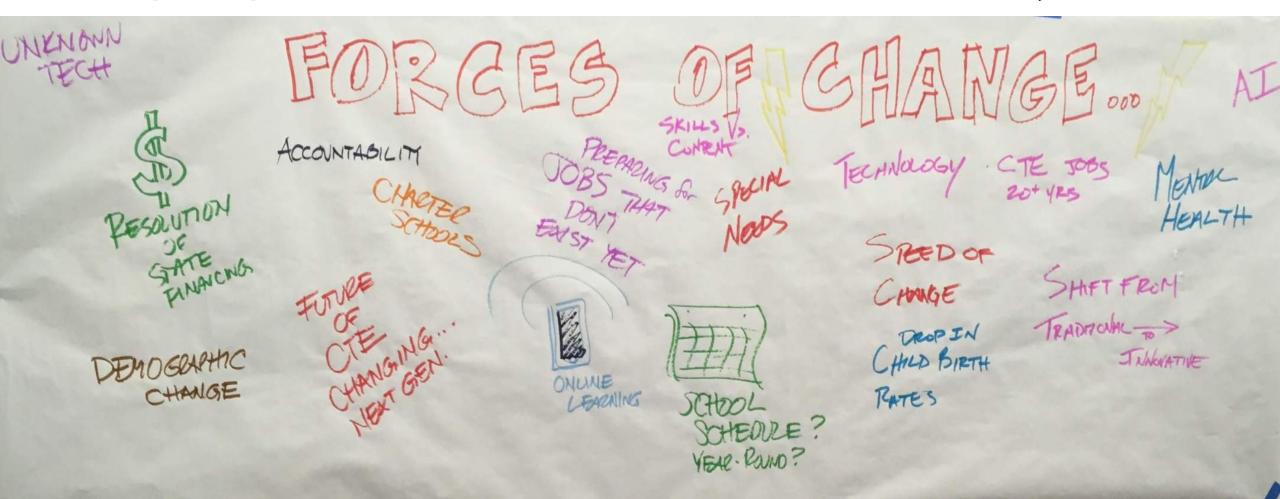
- FOR US. STOT.
- CLEAR CONCISE PURPOSE!
- TO MOKE GOOD DECISIONS!
- COMMUNITY INVOLVEMENT COULDEDANTION_ADDRESS AT . RISIC KIDDO'S, CREATE DIFFERENTIATOR!
- OPTIMIZE MAINT. OF EXET. SULOCATE FUNDS APPROP.
- ~ COMMUNITY PARTURSHIP INHOVOTION -

- ~ STUDENT SUCCESS 4.H'S COUT. CREDTES COMM. Support -TRANSPARENCY
- GREATUR EQUITY ACROSS
 POCILITIES + LOCATIONS
- Forward THINKING / Hope y
- PARISHTS GET WHAT THAY MADO
- Develop comparing Per THOS sesures purpoung.



FORCES of CHANGE

What are the major forces of change that you believe will impact public education over the next 10 to 20 years?



PLANNING PROVOCATION:





VIDEO REFLECTIONS:

Build in flexibility / nimbleness
Look at middle school through students' eyes
Magnified from 2010
No major changes
People learn hands-on experience



CREATING A SHARED VISION

The purpose of a facility related vision statement is to guide the master planning effort, help us set priorities, align resources, and facilitate an efficient decision making process.

I see / WE see...

Imagine it's the year 2030, and your school facilities have evolved to adapt to the effects of changing educational practices. You are leading a tour of your facilities for a regional team of educators...







We see...

· work spaces rather than classrooms

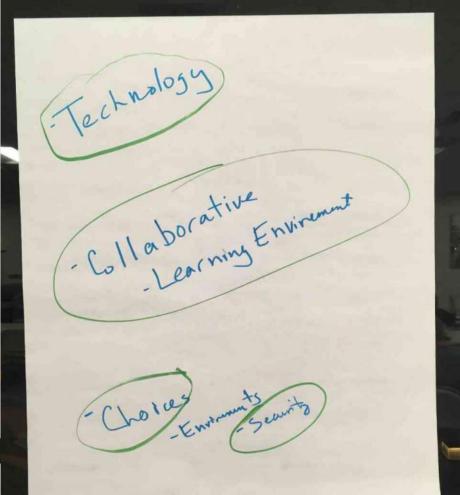
· more activity than passivity

environments that are responsive to each student

"teachers" as facilitaters and co-collaborators

We see!

- Collaboration
- Experiential learning
- Safe, clean, updated facilities the community is proud of.
- Facilities that allow students to function at the next level
- A learning environment that promotes mental health
- Competitively paid staff
- Technology that enhances learning



SHARED VISION

"We see learning spaces that are safe, innovative, flexible, equitable and engaging for all students, staff and community. We see environments that are healthful, naturally bright, comfortably conditioned and designed for longevity, durability and sustainability. We see facilities that adapt to our ever-changing world and provide learning systems for our students that empower to learn, challenge to achieve and inspire to excel through relevant technology, collaboration and creative experiences."





PRECONCEPTIONS:

{i.e. limiting beliefs}

What personal and/or institutional beliefs exist that you feel might limit you in facing the challenges presented by these forces.



You don't have to believe everything you think...

LIMITING BELIEFS

- Testing (MEAs by grade, target changing)
- 180 days to educate summer opportunities
- Difficult to find training for jobs not yet exist
- Structure by age than skills/interests
- Nostalgia/tradition
- How much effort students willing to put in
- Where's the proof?
- Importance of facilities
- Transportation (not necessarily required)
- Physically must be there
- Teenagers are hard to teach. Critical time for brain development
- Student /teacher ratios
- Traditional grading system
- Space that can change with changes in methods
- Solely the districts responsibility to teach children

- How we measure success not valuing equity
- Graduation dependent on set curriculum
- Technology is the answer to everything
- Needs of special needs students' needs are being met
- School schedules bell schedules
- Methods successful in past will be successful in future
- Testing target keeps changing
- Public education is not doing what it is supposed to be doing
- Big changes threaten jobs
- Declining # of people going into education as a profession
- Teachers are adequately paid return on investment
- Can't afford it
- Can't afford not to

"packing for the future"

- 1. What is important to bring along with you?
- 2. What can you let go of? (No longer need)
- 3. What might you need to <u>add</u>?

1. What is important to bring along with you?

- Quality Staff/Teachers
- Children/students/staff
- Student/Teacher ratio
- Informed community
- Enthusiasm, School spirit, excitement about learning, pathways, personalization, community, appreciation for teachers being forward thinking, optimism; acknowledge history and tradition
- Work, research, analysis, historical knowledge a lot of work, energy, soul, heart
- Engaging places to play and learn
- Community centeredness/neighborhood
- Diversity of experiences for students, not just academics
- Student extracurricular activity
- Career pathways
- Innovative thinking / Innovation
- Positive culture /climate

2. What can you let go of? (No longer need)

- Low teacher salaries
- Tradition, old prejudices, negative people
- Negative culture/climate
- Pre-conceived notions of what make a district
- Old-school methods
- Traditional learning and teaching modes
- Grade structure
- Traditional calendar
- Out of date facilities ideas
- Traditional vision of schools
- Restrictive, clearly defined spaces and desks
- Old tech
- Dilapidated physical infrastructure
- Buildings that are not adaptable "static buildings"
- Neighborhood schools (economy of scale) it's antiquated and fiscally irresponsible

3. What might you need to add?

- Engaged student body
- Continuing opportunity for students
- Involved parents/community
- More good teachers
- Better pay for teachers
- Flexibility
- Equity of scale
- Update facilities
- Cooling / efficiency of use
- Climate center

facility principles

Overarching beliefs and commitments to what's important for all Thompson School District school facilities.

What are we willing to be relentless about?



THOMPSON SCHOOL DISTRICT - FACILITY PRINCIPLES



With revisions noted per 02/04/2019 MPC Meeting

- 1. TSD is committed to creating environments that foster *personalized*, student-centered learning.
- 2. TSD is committed to *innovation* and providing *flexible*, *adaptable* and multi-functional learning environments with <u>relevant</u> technology.
- 3. TSD is committed to providing <u>safe, warm, and welcoming</u> environments that support the physical, emotional and social well-being of its users.
- 4. TSD is committed to providing learning environments that foster collaboration and teamwork.
- 5. TSD is committed to providing facilities that foster *community* connections and partnerships, while maintaining security.
- 6. TSD is committed to <u>creating and maintaining fiscally responsible</u>, environmentally *sustainable*, and energy efficient facilities.



FACILITY DESIGN STANDARDS

Standards define consistency, value and quality across TSD physical facilities as they are maintained, improved or built.

They are organized as "zones of work" related to each facility.



DEFINITION OF THE ZONES

1. BUILDING

Organization and design of the individual buildings; their internal circulation and spaces

2. SITE

The grounds area outside the building, including drives, parking, fields and landscaping

3. INTERIORS AND FINISHES

Fine grain issues relating to the materials and fixtures of spaces within the building

4. SYSTEMS

Various infrastructure systems which operate within the building - mechanical, electrical, communication, technology

5. COMMUNITY/OFF-SITE

Community based learning environments, or other environments not physically located at a D51 facility.

FACILITY DESIGN STANDARDS

Building

- 1. Basic Learning Space
- 2. Varied Space for Program Delivery
- 3. Whole-School Assembly Space
- 4. Interdisciplinary Learning
- Specialized Lab Space for Program Delivery
- 6. Shared Space for Programs
- 7. Special Services Needs
- Space for Young Children and Parents
- 9. Places for the Individual
- 10. Space for Enriching Activities
- Staff Resource and Collaboration Space
- 12. Daylighting and Views
- 13. Accessible Buildings
- 14. Community Services Centers
- 15. Safety
- 16. Clear Main Entry
- 17. Welcoming and Respectful Main Office
- 18. Health Services Space
- 19. Facilities for Media Centers
- 20. Food Service
- 21. Technology Space
- 22. Storage Space
- 23. Plumbing Core
- 24. Internal Circulation

Interiors and Finishes

- 25. Flexible/Adaptable Space
- 26. Signage and Display
- 27. Furniture and Finishes for Learning

Systems

- 28. Quality HVAC/Plumbing
- 29. Ample Electrical Service and Systems
- 30. Technology Infrastructure and Hardware
- 31. Technologically Enhanced Systems

Site

- 32. Safe and Accessible
- 33. Traffic Control
- 34. Parking and Service Access
- 35. Landscape Character
- 36. Safe & Accessible Outdoor Play
- 37. Outdoor Learning Settings
- 38. Permanent Facilities

Community / Off-Site

- 39. Community/Off-Site Learning Settings
- 40. Joint-Use Facilities



GAP ANALYSIS:

the difference between where you are and where you want to be...

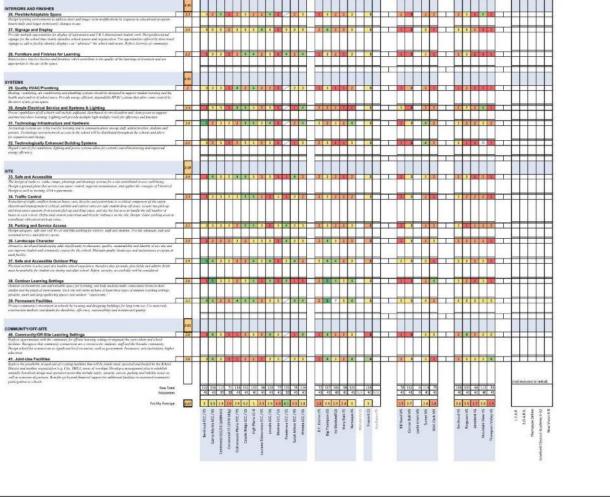
measured using the Facility Standards.

Thompson School District - Gap Analysis Your School Name: Rating Legend Your Name/Role: Meets Standards SAMPLEEXCERPT Return by Wednesday, March 27, 2019 Workable **Does Not meet Standards** School Name Here BUILDINGS 1. Basic Learning Space Design with finishes and fixtures that promote collaborative and creative project work and allow for the design of learning experiences. Basic Learning spaces, at all levels, will be generously sized for variable teaching layouts, technology and individual or group arrangements. 2. Varied Space for Program Delivery Provide a variety of sizes and character of learning space for different teaching and learning modes. Each school should have a variety of spaces to serve different purposes and group sizes, and that can be laid out in a variety of ways. 3. Student Gathering Space A student's social development is part of their education and growth. The school facility will provide spaces for class groups and students to gather, and to interact and study in safe, manageable forums. 4. Whole-School Assembly Space Each school will have a space which allows gathering of the entire student and staff population, thereby supporting $\dots J \xrightarrow{} \dots \xrightarrow{} h \xrightarrow{} \dots \vdots \xrightarrow{}$

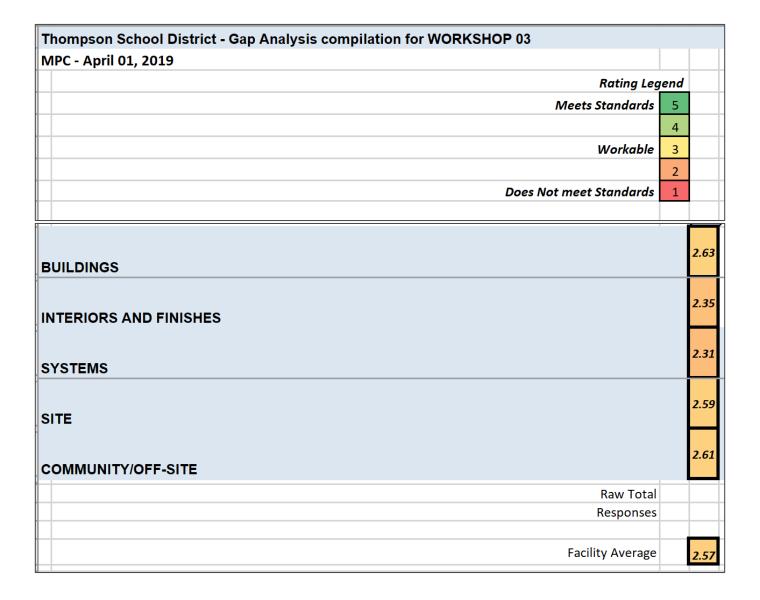


Initial Results: 28 facilities x 41 categories



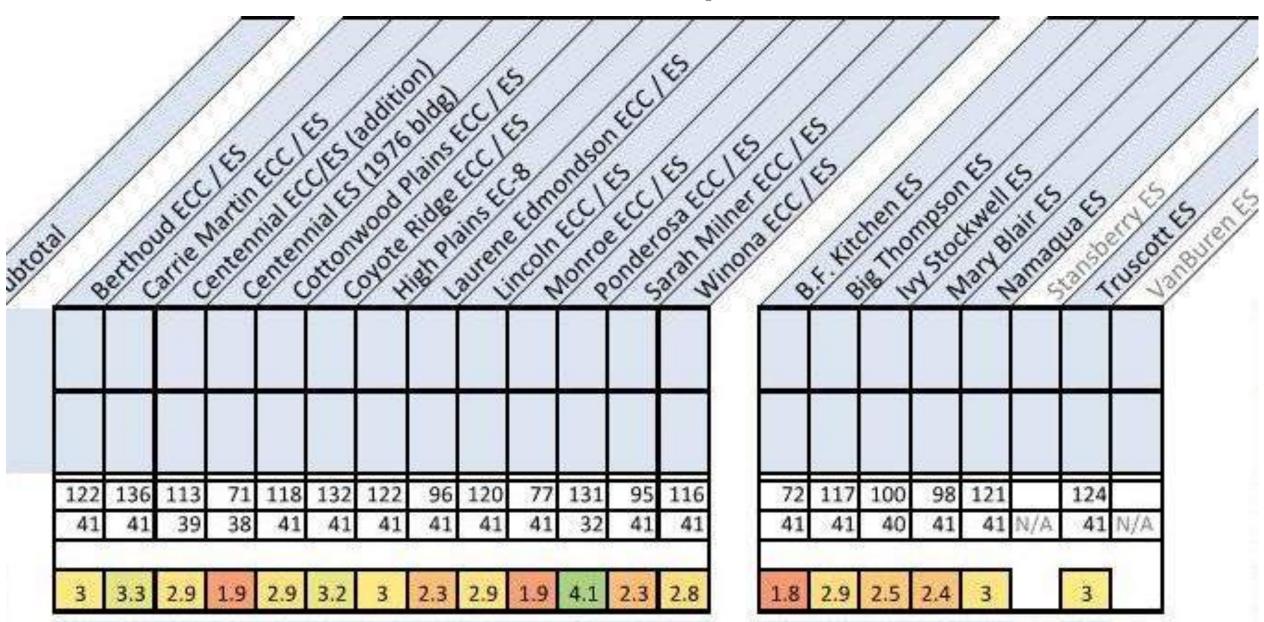


First look: By Category





A more informative look: Totals per School



A more informative look: Totals per School

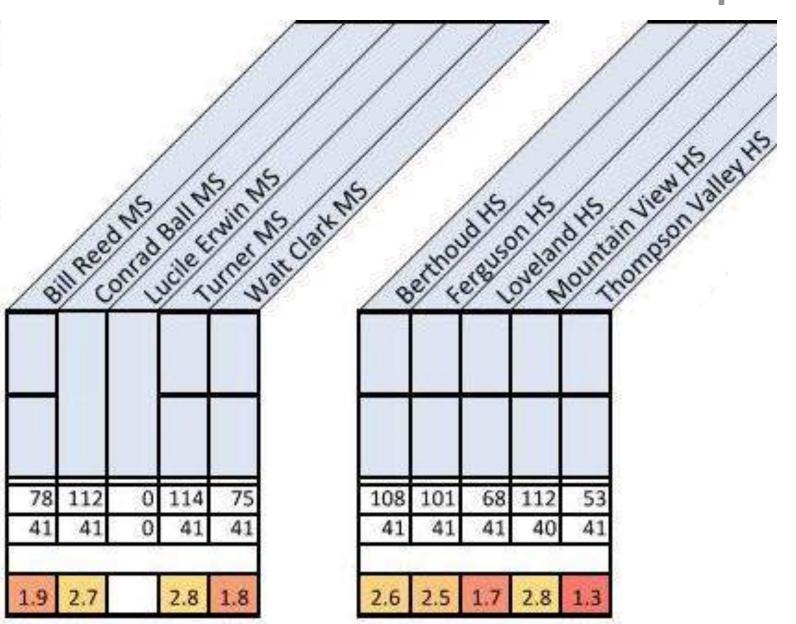




Table discussion: What are your observations?













Your GAP ANALYSIS Observations

- Compare HS at 2.18 vs. MS at 2.3
- HS need more <u>flexibility</u>?
- Schools over capacity what are their complaints?
- How impacted by experience of leadership?
- Correlate with maintenance backlog
- ES marked/for non-applicable items lowers avg. scores
- What is working at Ponderosa? consider for new schools
- HVAC low across board
- What items were added by the school? Ex. Fundraising to add items
- Low scoring what can be done? Some items not bond issues. Merge with strategic plan? Present examples to parents.
- Some items need to be addressed sooner than 5-10 year plan
- Do the analysis again every few years?

At your table, revisit the Gap Analysis.

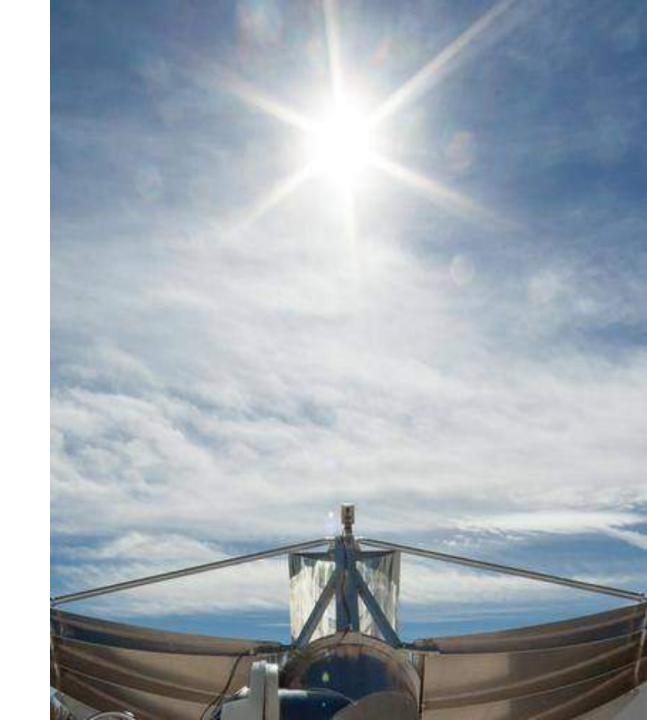
What are your top 3-5 priorities?

report out

master plan offering

IMAGINE THE FUTURE

- SHORT-term (1-2 years): 2018 Bond Projects; immediate opportunities and needs
- MID-term (3-7 years): next significant bond investments
- LONG-term (7-10+ years): implementation of the Shared Vision



Recommendation: TSD in 10 years

ALL Schools

have a plan based on TSD Maintenance Forecasting

3-7 years

- Acquire land for future secondary campus in SE quadrant (between Mountain View Berthoud)
- Build new Middle School at the site south of Mountain View
- Address boundary issue at Truscott/Garfield due to dual language immersion program
- Provide solutions from Gap Analysis priorities (identified by the MPC)

7-10+ years

- Define opportunities for Summerfield site (North)
- Build out future secondary campus in SE quadrant

<u>0-10 years</u>

- Build new Elementary at obligated site in Centerra East
- Build new Elementary at obligated site in Berthoud area
- Monitor Capacity at CBMS and MBES
- Monitor capacity at High Plains K8
- Monitor capacity in Berthoud area for secondary school additions

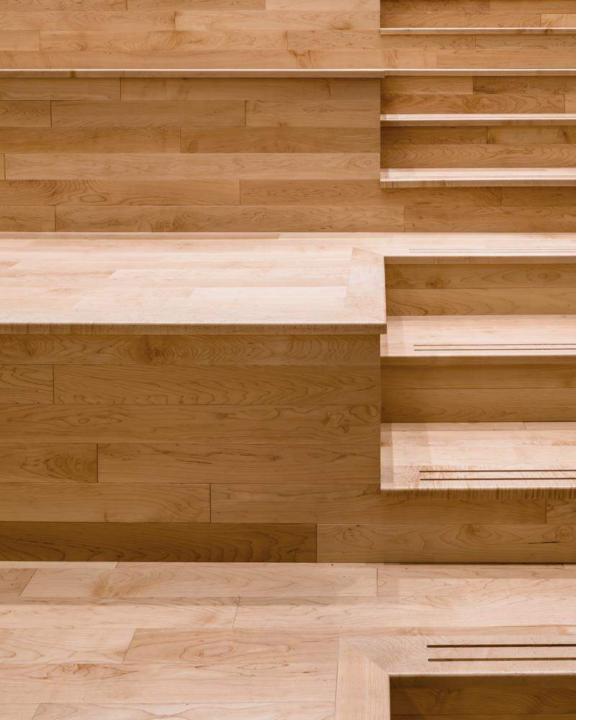


Recommended Scenario:

REVIEW and DISCUSS... and REPORT OUT



common ground



NEXTSTEPS

Master Plan Documentation

MPC Recommendation to the Board



thank you!



uplifting the human experience®

THOMPSON SCHOOL DISTRICT MASTER PLANNING

Analyze the Gap

April 1, 2019

Purpose: Review and analyze the Gap Analysis responses for each school site and identify common themes and different opportunities for the Shared Vision to guide physical change.



Welcome and Introductions

- District Welcome TSD
- Introductions CGA facilitates

Co-Creative Process + Commitments – CGA

- Schedule / Process Overview
- Expectations: Purpose, Agenda, Expected Results, Ground Rules

Highlights from Workshops 01 and 02 – CGA

TSD Parallel Efforts & Updates– Kristen/TSD

- Bond project status update
- Strategic Plan update
- Growth, building utilization, capacity analysis Skip/TSD

<< Break >>

Gap Analysis + Facility Assessment Update

- Gap Analysis Presentation CGA
- Table Review, Discussion + Report out CGA scribe

TSD Master Planning

Looking Ahead: – CGA/TSD

- Short (1-3 yrs) Bond Projects; immediate opportunities and needs
- o Mid (3-7 yrs) next significant bond investments
- Long (7-10+ yrs) implementation of the Shared vision

Reflections & Next Steps - CGA

Cuningham Group Architecture, Inc.

601 South Broadway Suite N

Denver, CO 80209

Tel: 303 861 1600 Fax: 303 861 1602

cuningham.com

MASTER PLAN COMMITTEE WORKSHOP #2

"PRINCIPLES + STANDARDS"





welcome





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- Empower to learn
- Challenge to achieve
- Inspire to excel

Vision:

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APRIL Workshop #3: Gap Analysis, Demographics, Facility Assessment Updates

MAY Workshop #5: Summary + Conclusions

AGENDA

Welcome back!

Co-Creative Process + Commitments

TSD Parallel Efforts

Highlights from Workshop 1

Vision Statement Offering

Limiting Beliefs

Guiding Principles for Facilities Planning

Facility Standards

<<Break>>

Looking Ahead

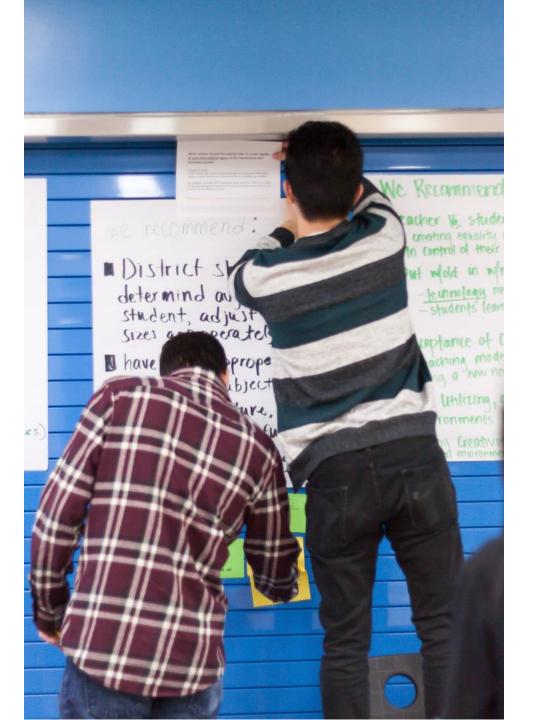
Reflections & Next Workshops



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co-creative mindset

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CREATIVITY IS RISKY. Nurture an environment that rewards failure. Successful creative teams are the ones who fail the most often.



PARALLEL EFFORTS:

Updates on current work in Thompson School District

- Board Approvals of CTE and Early Childhood Center
- Bond project status update / Bond premium proposal
- Strategic Plan update
- Growth, building utilization, capacity analysis Skip





\$ 10,808,000

			C	ost Scenar	ios	3						
Facility Cost Breakout	Estimated Cost of ECE Renovation at Stanberry		Estimated cost to Renovate VBES to CTE		Ferguson and Transition Programs - BLD Addition at VBES		Estimated Additional Freezer Space		Move Facilities		Warehouse Space (existing facility)	
Size		35,000 SF		40,000 SF		20,000 SF				3		
Renovation Cost	\$	3,850,000	\$	8,000,000	S	6,000,000	\$	300,000	\$	450,000	\$	
Design Cost	\$	385,000	\$	800,000	S	600,000	\$	30,000	\$	35,000	\$	-
Inspection and Soft Cost	\$	15,000	\$	50,000	S	50,000	\$	5,000	\$	5,000	\$	-
Site Development Technology, Furniture Fixtures, and	\$	200,000	\$	100,000	S	500,000	\$	120	\$	(-)	\$	-
Equipment	\$	25,000	\$	200,000	S	150,000	\$	(4V)	\$	-	\$	2
TOTAL		\$4,475,000		\$9,150,000		\$7,300,000		\$335,000		\$490,000		S
Funding Options Sell Ferguson (Market Estimation) Allocated Bond Monies Sell Facilities Building (Market Estimation) Allocated Bond Monies from Facility Building Sell Community Connection Building Annual Cost Savings to buy bulk food products Possible Head Start Grant	\$ \$	1,600,000 975,000	\$	1,610,000	s s	4,750,000 1,150,000 300,000	s	77,000	\$	480,000		
Delta funding needed	s	1,900,000	S	7,540,000	s	1,100,000	s	258,000	s	10,000 total delta	S	10,808,000

Total Cost One time

85% of premium needs to spent in first 3 year	Estimated Bond Premium & Interest Earnings	\$ 34,	863,238
	Total Remaining Premium Opportunity	8 2	4,055,238

Additional Projects for Bond Premium	Pro	jected Cost			
Athletic Field at Ray Patterson- Move to synthetic, repair facility and create track for competition High impact athletic repairs at BHS, MVHS, LHS	s s	2,100,000 750,000	-		
Replenish old furniture in schools - most furniture is 20+years old, this will help move to more collaboration and 21st century learning environments (750 rooms at \$5,000/rm)	s	3,750,000	-		
Additional maintenance priority needs	\$	9,935,000			
Technology lab re-design	\$	100,000			
Upfront bond cost including fees and consultant	s	822,162			
Bond Con't	\$	6,600,000			
	\$	24,057,162	Total projected projects		
			Total remaining premium after additional projects	s	(1,924)

highlights

from January Workshop #1

FACILITIES PLANNING

The Board of Education shall adopt a district long-range facilities master plan (LRFMP) to guide the acquisition of school and support service sites, erection of new buildings, and modernization or rehabilitation of existing buildings. The superintendent shall develop procedures and recommendations for annually updating the district LRFMP to provide guidance for capital outlay expenditures and to insure that the district has well-planned buildings at appropriate locations and at reasonable cost.

The objectives of the LRFMP shall be:

- 1. To maintain and improve the educational environment for students and teachers in all district buildings.
- 2. To provide district schools with adequate support services in as effective and costefficient manner as possible.
- 3. To modernize in phases with consideration given to renovation, remodeling or improvement of substandard facilities, additions to facilities and use of appropriate alternatives to facility-based solutions. Prioritization of these phases will be consistent and congruent with facility conditions, instructional program delivery, and enrollment trends.
- 4. To create school complexes which are the best possible balance of effective grouping of educational resources, efficient management and operations, and community expectations for the character of the school system.

The LRFMP shall be congruent and consistent with the community planning documents and policies of the cities, towns, and counties contained within the district. District planning department staff members shall work directly with their counterparts in these entities to ensure that collaborative and interactive planning occurs with all governmental entities within the district.



MASTER PLAN & BLUEPRINT

2015



Inspire to Excel

BOARD OF EDUCATION

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Bryce Carlson Vice President District B

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PLANNING ADVISORS

"The Board of Education shall appoint an ongoing, broad-based **master plan committee (MPC)** composed of staff and community members to develop and maintain the district long-range facilities master plan (LRFMP).

The MPC shall study current facility use, expected enrollment trends and the **effects** of changing educational practices on facility needs. Annually it shall report its findings to the Board, including analysis of options and recommended strategies for addressing district facility utilization and needs in an economic manner. Its recommendations should be consistent with Board policy and goals and aim at minimizing undesirable effects on the quality of the district educational program."



Highest Hopes

Please introduce yourself and a highest hope you have for your work on the MPC in 2019...



HIGHEST HOPES

- -create-publifon sta success
- · SYSTEMS THAT ENHANCE OUR SCHOOLS
- · INCLUSIVE MODEL, FEST
- · SUSTOINABLE LONG. TEVAN P.
- · FOTURE FOCUSED!
- · ADDRESS AT RISK MEEDS EAPLIEN, BUILD PRINTINGSHIPS
- Supports 100% and ROTE + CARBOL GOOLS!

- FOR US. STOT.
- · CLEAR CONCISE PURPOSE!
- GET THE INFO. WE MEED TO MOKE GOOD DECISIONS!
- ~ COMMUNITY INVOLVEMENT COULDEDNATION_ADDRESS AT RISIC KIDDO'S, CREATE 2 DIFFERENTIATOR!
- ~ OPTIMIZE MOINT. OF EXET. SULOCATE FUNDS APPROP.
- ~ COMMUNITY PARTUCUSHIP INHOVOTION.

- ~ STUDENT SUCCESS 4.H'S COUT. CREDTES COMM. Support - TRANSPARENCY
- GREATUR EQUITY ACROSS
 POCILITIES + LOCATIONS
- FORWORD THUNKING / HOPE &
- PARISHTS GET WHAT THAY MACE (NO CHAPTER'S)
- Develop comparing Per THOS sesures purpoung.



HIGHEST HOPES

- CREATING LONG TELL PLAN W/ ENFORME'S INPUT
- COLLABORATION & UNDERSTANDING DIST: COMMUNION
- ~ ED+TECH BROAD ENOUGH WITO FITURE STAME AHEAD
- SCHOOL DIST PROGRAM GOMPLED THRUSHOUT STATE
- ~ TECHNOLOGY & WHAT WILL KIDS GROW LATO ED IN 10-20 Yrs
- ~ BUILD TRUST ~ / COMMUNITY FOR NEAT BOND ~
- ~ LIEADING THE WAY! PATHER TON CHEHING

. antil

- ~ LIVE TO SEE EQUITY
- ~ FACILITIES + PROGRAMS COMMUNITY PROD OF & BUY-14
- ~ FISCA RESPONSIBILITY
- ~ 2040 ~ LOOK BYCK & SEE THE GREAT WOLK DONE NOW
- BUILD STRONGER TRUST & / COMMUNITY
- ~ IN CREASE CAMMUNICATION & COURS N/COMMUNITORS RUCT
- ~ IF NEW SYSTEM, NOT FEEL LIKE GUMER POSS
- ~ INNOMATIVE FOR STROTEMINES & SMARE, HOUTHY NO ASPESSOS

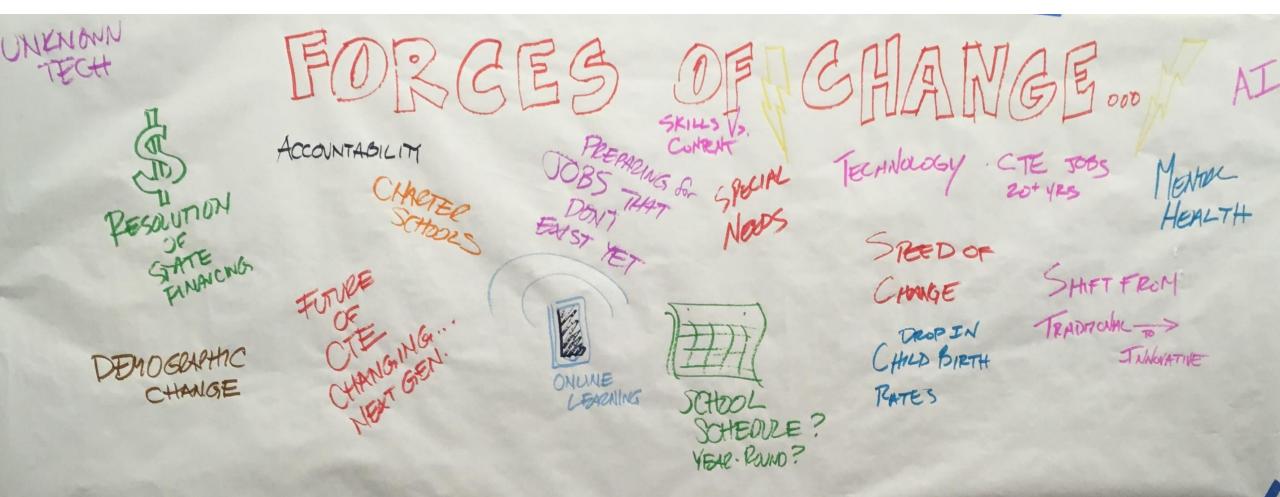
HIGHEST HOPES, corty.

~ MORE TEQUITABLE + CONTESIVE ACRUSS DISPUCT



FORCES of CHANGE

What are the major forces of change that you believe will impact public education over the next 10 to 20 years?



PLANNING PROVOCATION:





VIDEO REFLECTIONS:

Build in flexibility / nimbleness
Look at middle school through students eyes
Magnified from 2010
No major changes
People learn hands-on experience



CREATING A SHARED VISION

The purpose of a facility related vision statement is to guide the master planning effort, help us set priorities, align resources, and facilitate an efficient decision making process.

I see / WE see...

Imagine it's the year 2030, and your school facilities have evolved to adapt to the effects of changing educational practices. You are leading a tour of your facilities for a regional team of educators...





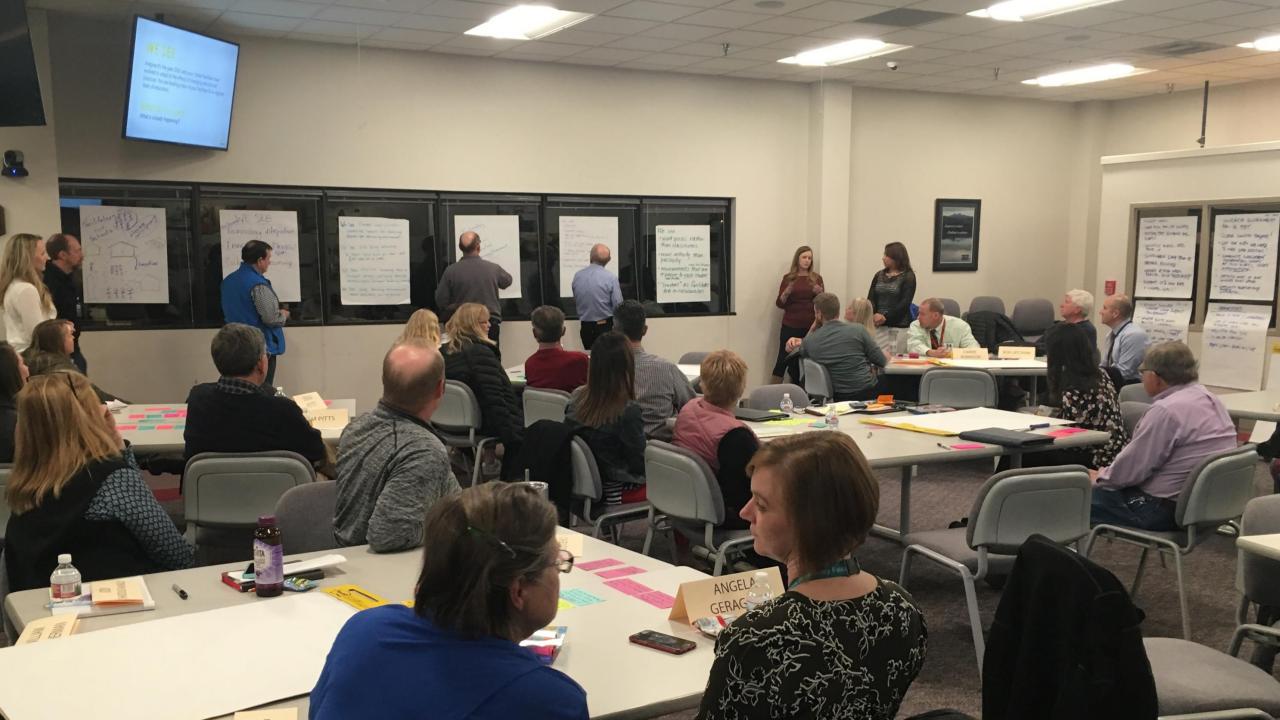












We see...

· work spaces rather than classrooms

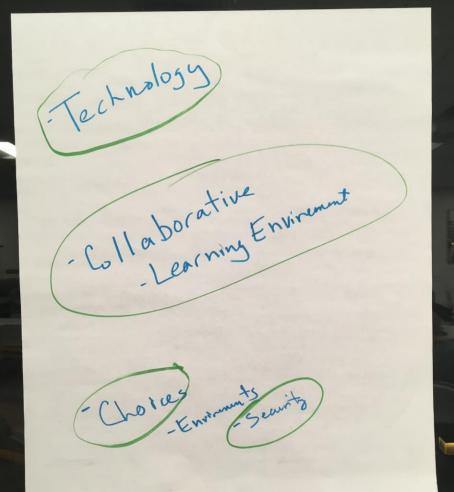
· more activity than passivity

environments that are responsive to each student

"teachers" as facilitators and co-collaborators

We see!

- Collaboration
- Experiential learning
- Safe, clean, updated facilities the community is proud of.
- Facilities that allow students to function at the next level
- A learning environment that promotes mental health
- Competitively paid staff
- Technology that enhances learning



We see flexible indoor/ortdoor innovative spaces for learning (natural light, welcoming environment)

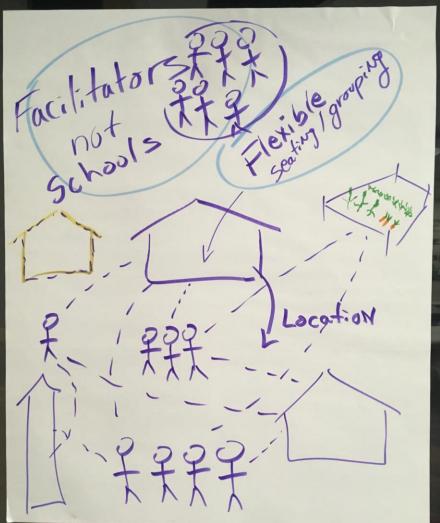
We see kids being educated
to their level and at their nee
(skill level not by grade)
\$ nostandardized tosts

We see flexible teaching that Student driven utilizing multip methodologies (bilingual, mentoring, em

We see Safe learning anvironment (metal detectors, security) guards) Now Important SEE
Now Important Technology integration

Environment-flexible open

Collaborative learning



SHARED VISION

"We see learning spaces that are **safe**, **innovative**, **flexible**, equitable and engaging for all students, staff and community. We see environments that are *healthful*, *naturally* bright, comfortably conditioned and designed for longevity, durability and sustainability. We see facilities that adapt to our ever-changing world and provide learning systems for our students that empower to learn, challenge to achieve and inspire to excel through relevant technology, collaboration and creative experiences."



commitment



PRECONCEPTIONS:

{i.e. limiting beliefs}

What personal and/or institutional beliefs exist that you feel might limit you in facing the challenges presented by these forces.

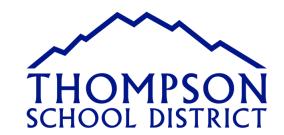


You don't have to believe everything you think...

dinner break!

facility principles

Overarching beliefs and commitments to what's important for all Thompson School District school facilities.



TSD GUIDING PRINCIPLES FOR FACILITIES PLANNING:

- Incorporate an inclusive input process.
- Keep in mind, school buildings are community assets.
- Facilities should support comprehensive programming for all students.
- Schools should be warm, welcoming and safe.
- Spaces should support innovation.
- Provide flexible and adaptable spaces to support learning.

- School building design should be informed by the communities they serve.
- Spaces should put learning on display.
- Design buildings to be future-ready.
- Design for inclusion of all.
- Promote school community in the building.
- Design Advisory Groups should experience new learning environments outside of TSD to inform design conversations.

What are we willing to be relentless about?



THOMPSON SCHOOL DISTRICT - FACILITY PRINCIPLES



With revisions noted per 02/04/2019 MPC Meeting

- TSD is committed to creating environments that foster personalized, student-centered learning.
- 2. TSD is committed to *innovation* and providing *flexible, adaptable* and multi-functional learning environments with <u>relevant</u> technology.
- 3. TSD is committed to providing <u>safe, warm, and welcoming</u> environments that support the physical, emotional and social well-being of its users.
- 4. TSD is committed to providing learning environments that foster *collaboration and teamwork*.
- 5. TSD is committed to providing facilities that foster community connections and partnerships, while maintaining security.
- 6. TSD is committed to <u>creating and maintaining fiscally responsible</u>, environmentally *sustainable*, and energy efficient facilities.



SMALL GROUP TABLE WORK

Please discuss the Facility Principles assigned to your table, and augment the principle with 4-5 bullet point statements that further clarify the meaning, ie: "This means..."

(Note: Please feel free to edit the principle as you see fit...)



report out



FACILITY DESIGN STANDARDS

Standards define consistency, value and quality across TSD physical facilities as they are maintained, improved or built.

They are organized as "zones of work" related to each facility.



DEFINITION OF THE ZONES

1. BUILDING

Organization and design of the individual buildings; their internal circulation and spaces

2. SITE

The grounds area outside the building, including drives, parking, fields and landscaping

3. INTERIORS AND FINISHES

Fine grain issues relating to the materials and fixtures of spaces within the building

4. SYSTEMS

Various infrastructure systems which operate within the building - mechanical, electrical, communication, technology

5. COMMUNITY/OFF-SITE

Community based learning environments, or other environments not physically located at a D51 facility.

FACILITY DESIGN STANDARDS

Building

- 1. Basic Learning Space
- 2. Varied Space for Program Delivery
- 3. Whole-School Assembly Space
- 4. Interdisciplinary Learning
- Specialized Lab Space for Program Delivery
- 6. Shared Space for Programs
- 7. Special Services Needs
- 8. Space for Young Children and Parents
- 9. Places for the Individual
- 10. Space for Enriching Activities
- 11. Staff Resource and Collaboration Space
- 12. Daylighting and Views
- 13. Accessible Buildings
- 14. Community Services Centers
- 15. Safety
- 16. Clear Main Entry
- 17. Welcoming and Respectful Main Office
- 18. Health Services Space
- 19. Facilities for Media Centers
- 20. Food Service
- 21. Technology Space
- 22. Storage Space
- 23. Plumbing Core
- 24. Internal Circulation

Interiors and Finishes

- 25. Flexible/Adaptable Space
- 26. Signage and Display
- 27. Furniture and Finishes for Learning

Systems

- 28. Quality HVAC/Plumbing
- 29. Ample Electrical Service and Systems
- 30. Technology Infrastructure and Hardware
- 31. Technologically Enhanced Systems

Site

- 32. Safe and Accessible
- 33. Traffic Control
- 34. Parking and Service Access
- 35. Landscape Character
- 36. Safe & Accessible Outdoor Play
- 37. Outdoor Learning Settings
- 38. Permanent Facilities

Community / Off-Site

- Community/Off-Site Learning Settings
- 40. Joint-Use Facilities



lesa County School District 51 - Gap Analysis Summary			
	Rati	ng Legend	
GAP ANALYSIS	5	Meets Standards	
	4		
	3	Workable	
	2		
	1	Does Not meet Stan	dards
site 1 site 2 site 3			
UILDINGS			
1. Basic Learning Space			
Design with finishes and fixtures that promote collaborative and creative project work			
and allow for the design of learning experiences. Basic Learning spaces, at all levels,			
will be generously sized for variable teaching layouts, technology and individual or			
group arrangements.			
2. Varied Space for Program Delivery			
Provide a variety of sizes and character of learning space for different teaching and			
learning modes. Each school should have a variety of spaces to serve different purposes			
and group sizes, and that can be laid out in a variety of ways.			
3. Student Gathering Space			
A student's social development is part of their education and growth. The school			
A student's social development is part of their education and growth. The school facility will provide spaces for class groups and students to gather, interact and study			
facility will provide spaces for class groups and students to gather, interact and study			
facility will provide spaces for class groups and students to gather, interact and study in a safe, manageable and inviting environment. 4. Whole-School Assembly Space			
facility will provide spaces for class groups and students to gather, interact and study in a safe, manageable and inviting environment.			
facility will provide spaces for class groups and students to gather, interact and study in a safe, manageable and inviting environment. 4. Whole-School Assembly Space Each school will have a space which allows gathering of the entire student and staff			





FACILITY ASSESSMENT PROCESS UPDATES

Building Preservation Criteria

Each item to be Evaluated by below criteria:

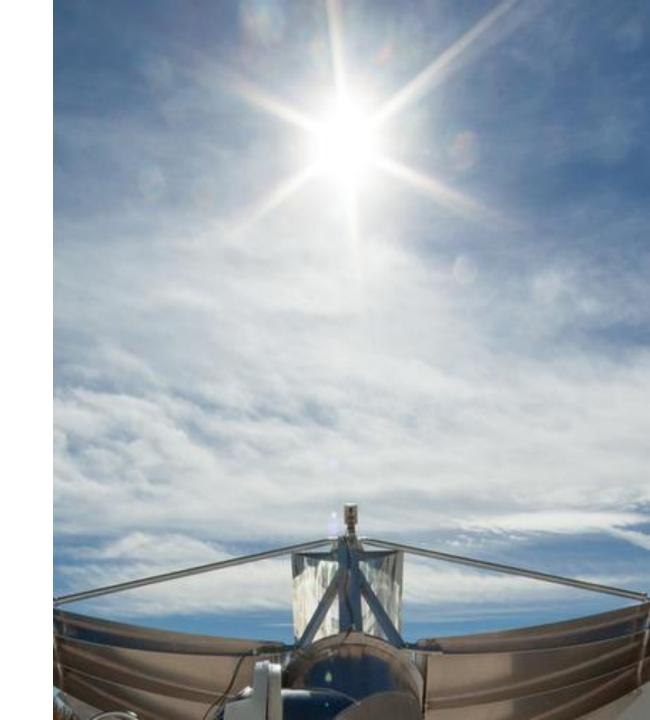
Time Response	Score	Criteria
Within 1 Year Response (typically within current work flow)	1	Threatens the health and/or life safety of building occupant. Projects involve compliance with Building Fire Safety, Liability, and other regulatory codes.
1-3 year Response	2	Impairs the functional use of the facility. Includes capacity and educational delivery issues.
3-5 Year Response or More	3	Improve Building Usage for Academic Programs. Includes upgrading electrical system for additional computers, or creating additions space for a new program.
	4	If not remedied in a timely manner, will incur additional damage, or will increase cost of repair or replacement or will increase operational costs.
	5	Reduces the quality of <i>aesthetic</i> value of the facility.
	Within 1 Year Response (typically within current work flow) 1-3 year Response 3-5 Year Response	Within 1 Year Response (typically within current work flow) 1-3 year Response 3-5 Year Response or More 3 4

"packing for the future"

- 1. What is important to bring along with you?
- 2. What can you let go of? (No longer need)
- 3. What might you need to <u>add</u>?

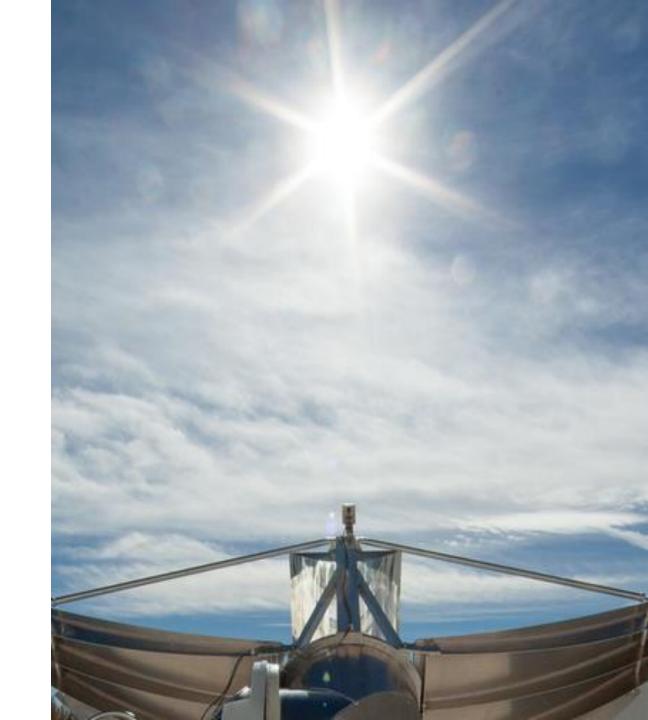
IMAGINE THE FUTURE

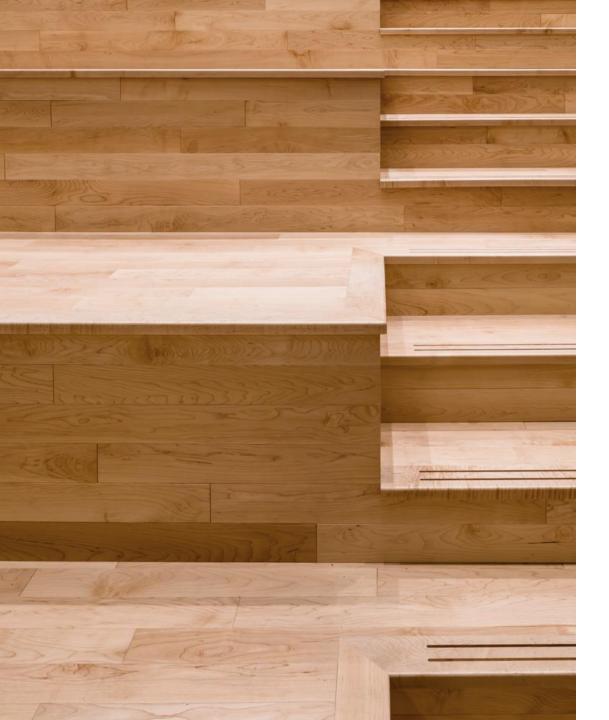
- SHORT-term (1-2 years): 2018 Bond Projects; immediate opportunities and needs
- MID-term (3-7 years): next significant bond investments
- LONG-term (7-10+ years): implementation of the Shared Vision



IMAGINE THE FUTURE

- SHORT-term (1-2 years): 2018 Bond Projects; immediate opportunities and needs
- *MID-term (3-7 years):* next significant bond investments
- LONG-term (7-10+ years): implementation of the Shared Vision





NEXT STEPS

CGA/TSD to coordinate Gap Analysis with School Principals

MARCH (no meeting)

APRIL 1, 2019 - Workshop #3

- Gap Analysis Results + Analysis
- TSD Demographics Update
- TSD Facility Assessment Updates

MASTER PLAN COMMITTEE WOORKSHOP #3 "GAP ANALYSIS"





thank you!



uplifting the human experience®

THOMPSON SCHOOL DISTRICT MASTER PLANNING

Creating the Framework

February 4, 2019 (4:30 - 7:30 PM)

Purpose: To refine Facility Guiding Principles and Standards by which TSD facilities can be evaluated to support the Shared Vision.



Welcome and Introductions

- District Welcome Kristen
- Introductions Kari facilitates

Co-Creative Process + Commitments - CGA

• Schedule / Process Overview

Expectations: Purpose, Agenda, Expected Results, Ground Rules

D51 Parallel Efforts & Updates– Kristen

- Board Approvals of CTE and Early Childhood
- Bond project status update
- Strategic Plan update
- Growth, building utilization, capacity analysis Skip

Highlights from Workshop 01 - Kari

Vision Statement Offering

- Presentation of Vision Statement Taskforce's work
- Whole Group Review

Limiting Beliefs

• LB Whole Group Activity

Guiding Principles for Facilities Planning

- Small Group Review / Refine Facility Principles
- Review Comments

Facility Standards

• Facility Standards w/ Whole Group & Introduce Gap Analysis

<< Dinner Break >>

TSD Facility Planning

"Packing for the Future"

Small Group / Whole Group Activity

Facility Assessment Process Updates - Kristen

Looking Ahead:

- o Short (1-3 yrs) Bond Projects; immediate opportunities and needs
- Mid (3-7 yrs) next significant bond investments
- Long (7-10+ yrs) implementation of the Shared vision

Cuningham Group Architecture, Inc.

601 South Broadway

Suite N

Denver, CO 80209

Tel: 303 861 1600 Fax: 303 861 1602

cuningham.com

Reflections & Next Steps - KM

7:20

4:30

5 min

4:50

5:10

5:15

5:25

5:35

5:55

6:15

6:30

4:45

15 min

20 min

5 min

10 min

10 min

20 min

20 min

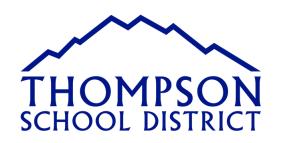
15 min

50 min

10 min

MASTER PLAN COMMITTEE WORKSHOP #1

"CREATING A SHARED VISION"









Mission:

- Empower to learn
- Challenge to achieve
- Inspire to excel

Vision:

The Thompson School District will be a school district that empowers, challenges and inspires students, faculty, staff, parents, school leaders and community members to learn, achieve and excel.

FACILITIES PLANNING

The Board of Education shall adopt a district **long-range facilities master plan (LRFMP)** to guide the acquisition of school and support service sites, erection of new buildings, and modernization or rehabilitation of existing buildings. The superintendent shall develop procedures and recommendations for annually updating the district LRFMP to provide guidance for capital outlay expenditures and to insure that the district has well-planned buildings at appropriate locations and at reasonable cost.

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MASTER PLAN & BLUEPRINT

2015



Empower to Learn

Inspire to Excel

BOARD OF EDUCATION

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District C

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Pam Howard District D Lori Hvizda Ward District E Dr. Carl Langner District F

PLANNING ADVISORS

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our purpose

To co-create a clear and compelling vision for how facilities will align with the Thompson School District educational mission and vision.



Highest Hopes

Please introduce yourself and a highest hope you have for your work on the MPC in 2019...



AGENDA

Welcome and Introductions

Co-Creative Process + Commitments

Parallel Efforts

Forces of Change / Limiting Beliefs

Planning Provocation

Creating a Shared Vision

Reflections & Next Workshops



WORKSHOP OVERVIEW

JANUARY Workshop #1: Master Plan Visioning

FEBRUARY Workshop #2: Update Facility Principles

MARCH Workshop #3: Set Facility Standards

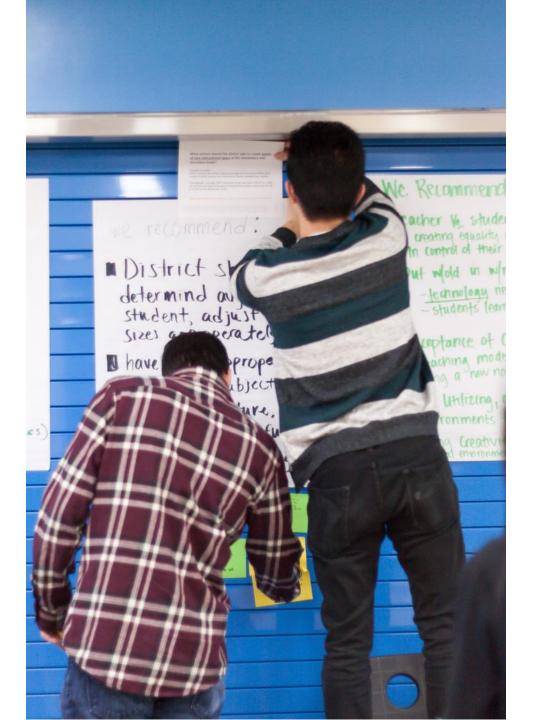
APRIL Workshop #4: Gap Analysis

MAY Workshop #5: Conclusions

WHAT IS A MASTER PLAN?

- Road map for the future
- Focused on your Vision for Learning
- Living/Breathing Document
- Allows logical implementation of improvements over time
- Physically & Fiscally Responsible





WORKSHOPS

A fun, creative working process that promotes full collaboration among all of your key stakeholders, and utilizes design thinking to openly and effectively make great decisions about the future.



co-creative mindset

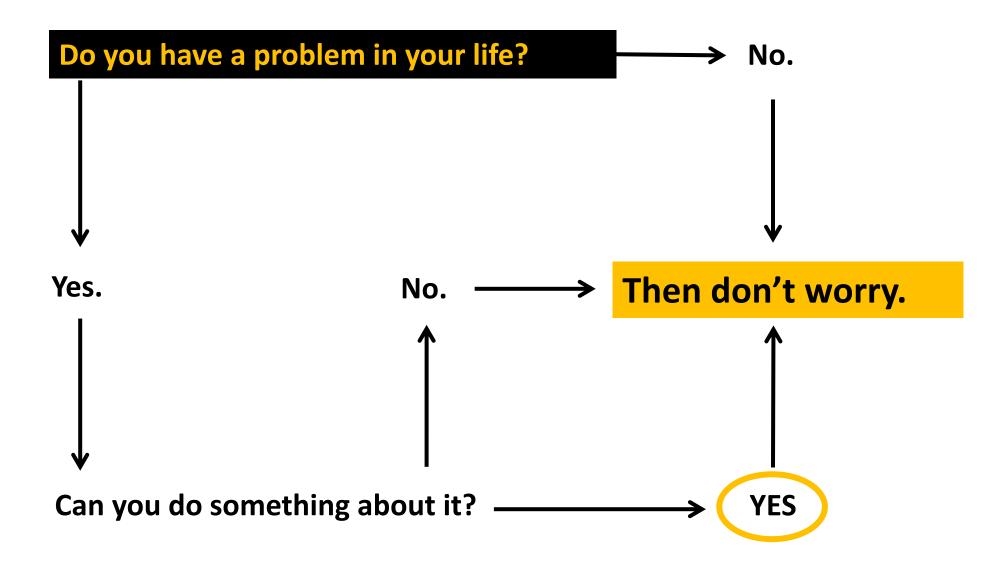


RELAX & ALLOW. Constant self monitoring will get in the way of group performance. Let go...

DON'T WORRY ABOUT WHO GETS CREDIT. When everyone genuinely collaborates, everyone ends up being more creative.

CLARITY IS NOT A VIRTUE. If everything you say is detailed and explicit, you won't give your collaborators room to run. Put ideas out there that are half-baked.

CREATIVITY IS RISKY. Nurture an environment that rewards failure. Successful creative teams are the ones who fail the most often.



PARALLEL EFFORTS:

Updates on current work in Thompson School District

- TSD ongoing activities Bond projects, demographics, etc.?
- Strategic Plan update
- Growth, building utilization, capacity analysis
- Other



FORCES OF CHANGE

FORCES OF CHANGE:

What are the major forces of change that you believe will impact public education over the next 10 to 20 years?



PLANNING PROVOCATION:

Education is shifting rapidly across the US and around the globe, how can Thompson School District prepare its facilities?







REFLECTIONS **KEFLECTIONS**

CREATING A SHARED VISION

The purpose of a facility related vision statement is to guide the master planning effort, help us set priorities, align resources, and facilitate an efficient decision making process.

Vision is the art of seeing the invisible.

- Jonathan Swift

SEE WE SEE



I SEE...

Imagine it's the year 2030, and your school facilities have evolved to adapt to the effects of changing educational practices. You are leading a tour of your facilities for a regional team of educators...

What do you see?

(What is actually happening?)



WE SEE...

Imagine it's the year 2030, and your school facilities have evolved to adapt to the effects of changing educational practices. You are leading a tour of your facilities for a regional team of educators...

What do you see?

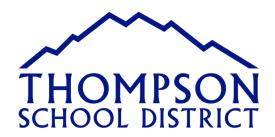
(What is actually happening?)



COMMON GROUND

MASTER PLAN COMMITTEE WOORKSHOP #2

"PRINCIPLES AND STANDARDS"







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Master Plan Committee 2018-19

800 South Taft Avenue • Loveland, CO 80537

January 14, 2019 5:00 PM to 7:00 PM

Location: Administration Building

Purpose: To co-create a clear and compelling Shared Vision for Thompson School

District facilities in alignment with its educational mission.

Agenda Item:	Presented by:	Time slot
Pledge of Allegiance		5:00
Welcome and Introductions	Todd Kari	5:05
Co-Creative Process + Commitments	Kari/John	5:15
Parallel Efforts TSD ongoing activities – Bond projects, demographics, etc.? Strategic Plan update Growth, building utilization, capacity analysis Other	Todd/Kristen	5:30
Forces of Change / Limiting Beliefs • FofC Whole Group Activity - stand up, write Forces of Change • LB Whole Group Activity	Kari JP/KM	5:45
Planning Provocation • Presentation + Reflections	John	6:10
Creating a Shared Vision Individual and Group Work: I See/ We See Report out + circle Common Ground = Themes > Principles	Kari/John	6:20



Master Plan Committee 2018-19

800 South Taft Avenue • Loveland, CO 80537

Reflections & Next Workshops	Kari	6:50
Adjourn		7:00