



Colton Joint Unified School District



**Facilities Master Plan Committee
Meeting # 1
January 31st, 2017**

agenda

minutes

15 Welcome & Introduction

15 Facilities Master Plan (FMP) Process Overview

20 Educational Program Opportunities | Thought Starters

45 “If you could dream...” Small Group Activity

20 Defining Success

5 Wrap Up & Next Steps



LEADERSHIP MEETING | EDUCATIONAL VISIONING

LPA





Sacramento



Irvine



San Diego



San Jose



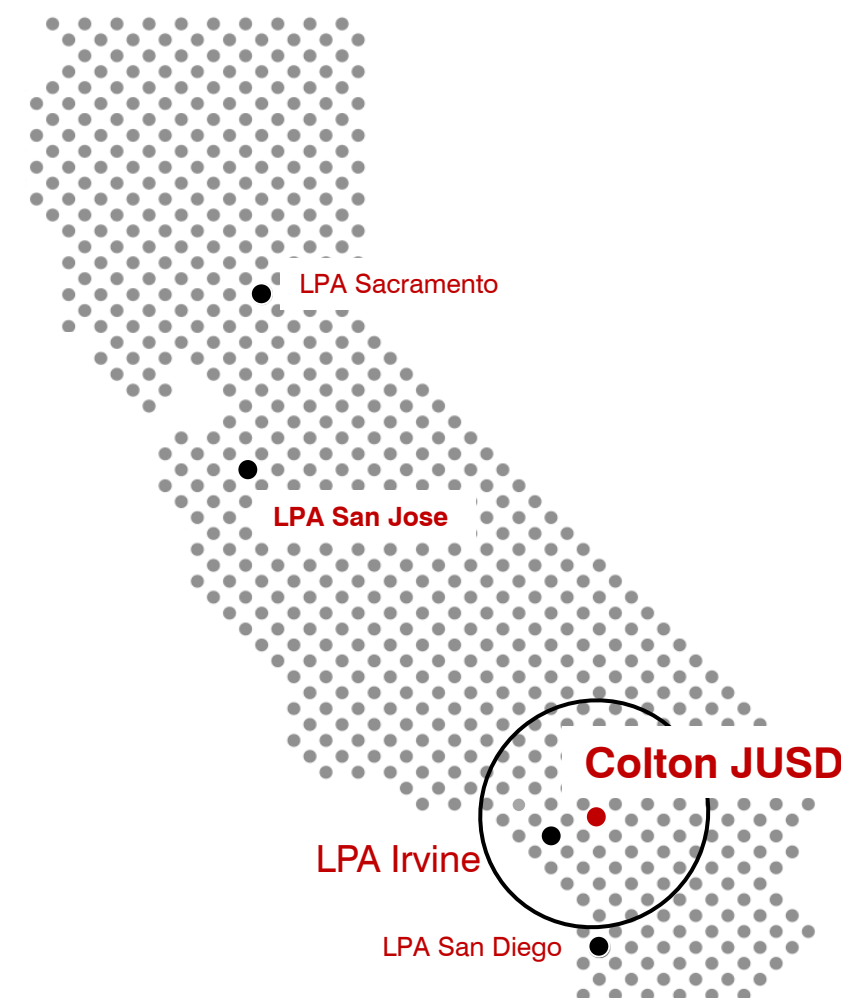
welcome

51 years

355+ people

50% staff dedicated to education

50+ master plans





Sacramento



Irvine



San Diego



San Jose

meet your team

Don Pender

AIA, ALEP, LEED AP BD+C
Principal-in-Charge

The Buck Stops Here



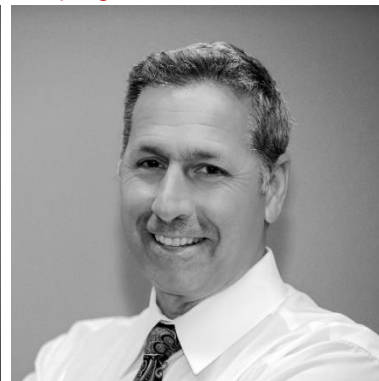
Jim Kisel

AIA, LEED AP BD+C
Principal
Director of School Planning
Visioning the Process



Rick Musto

AIA, LEED AP BD+C
Associate
Managing Director
Keeping the Team on Focus



Jomay Liao

ALEP, LEED AP BD+C
Educational Facility Planner

Future Ready Learning



Lindsay Hayward

LEED AP BD+C
Associate
Educational Facility Planner
Outreach & Engagement





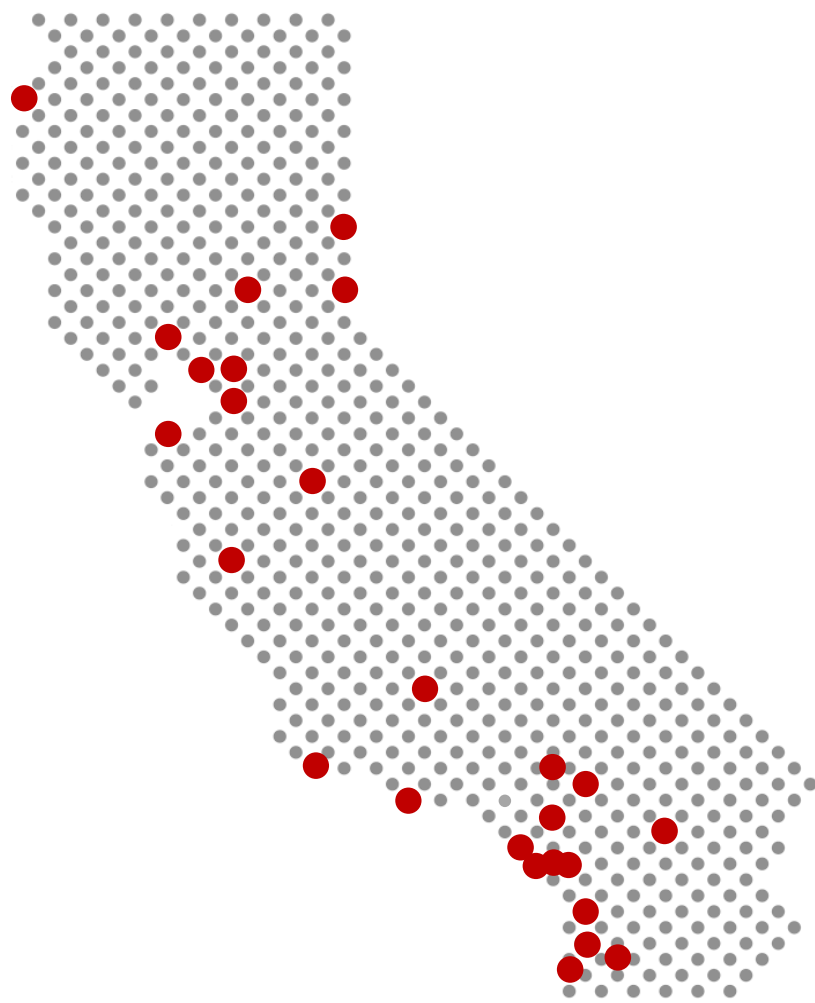
facility master plan experience

- Redwood City SD
Sequoia UHSD (MAHS)
Burlingame SD
Dublin USD
Pleasanton USD
Fremont USD
Milpitas USD
San Lorenzo USD
Alameda USD
Gilroy USD
Lodi USD
Fairfield-Suisun USD
Modesto City SD
Merced City SD
Davis USD
Galt JUESD
Morgan Hill USD

Anaheim UHSD
Huntington Beach UHSD
Centinela Valley UHSD
Grossmont UHSD
Sweetwater UHSD
Tahoe Truckee USD
Lake Tahoe USD
Western Placer USD
Eureka City SD
Downey USD
Azusa USD
Paramount USD
Temple City USD
Norwalk-La Mirada USD
Arcadia USD
San Marcos USD
Santa Barbara USD

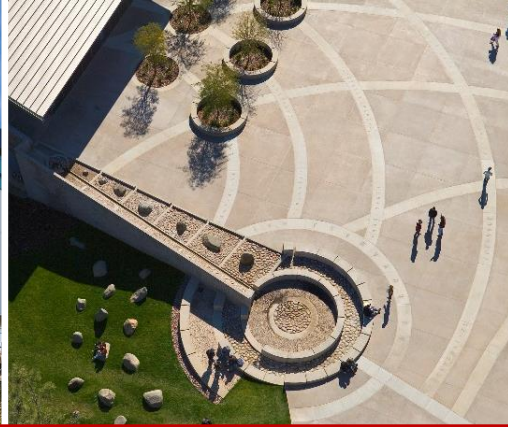
Westminster SD
Centralia SD
Del Mar Union SD
Hawthorne SD
Norris SD
Oxnard SD
Lucia Mar USD
Irvine USD
Fountain Valley SD
Hesperia USD
Los Angeles USD
Compton USD
Burbank USD
Beverly Hills USD
Chino Valley USD
Placentia-Yorba Linda USD
Long Beach USD

50+ facilities master plans & local bond implementation programs
\$18.5 b facilities improvements / \$6.55 b in local bond elections





architecture



landscape architecture



interiors



engineering



graphics



planning

integrated design process

client-inclusive & stakeholder driven

a holistic approach to problem solving that places the client in the center fostering participation and direct interaction with the multidisciplinary team of specialists

- FMP is first step in facilities improvement process
- recommended every 3-5 years by CDE and to apply for state funding
- important to engage district and local community stakeholders
- data driven decision making
- sustainable focus facilitates good stewardship
- development of high performance learning environments
- building upon Tam District mission and strategic vision





create value | process overview





Board of Education 'Setting Direction' Goals (2016-2019)

1. Instruction/Student Achievement
2. Budget
3. Communication
4. Facilities/Staff and Student Safety
5. Governance Structure



Curriculum, Instruction, and Assessment
Personalized Professional Learning
Robust Infrastructure
Budget and Resources
Data and Privacy
Use of Space and Time
Collaborative Leadership

research

vision

explore

outreach

confirm

/ community



district facilities master plan goals

1 – focused master plan: facilities needs assessment / modernization

- maintenance & repair driven
- proposed scopes managed to an available funding budget
- school & community expectations tempered

2 – visionary: academic quality mission & goals / facilities master plan

- starts with educational vision for how students will learn in the future
- discovers the impact of educational programs to facilities & technology needs
- long-term, phased implementation approach

defining success – an “implementable road map” to the future

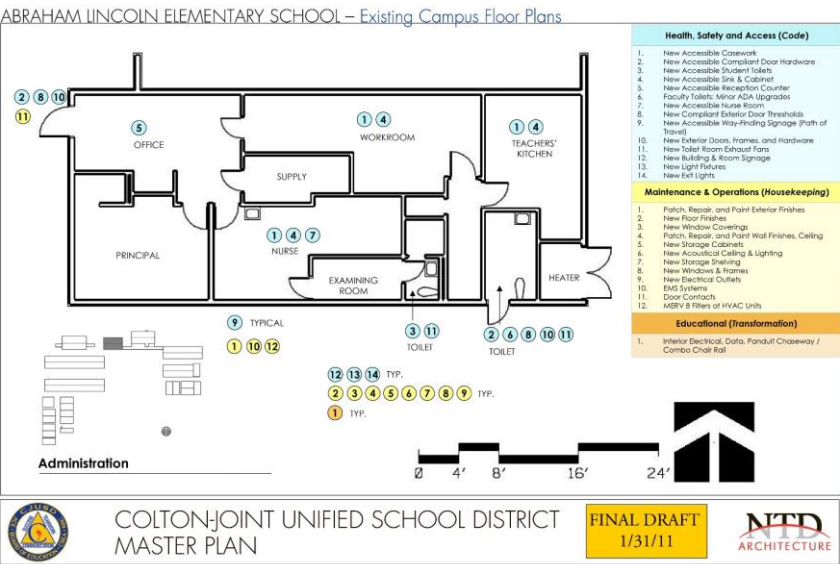
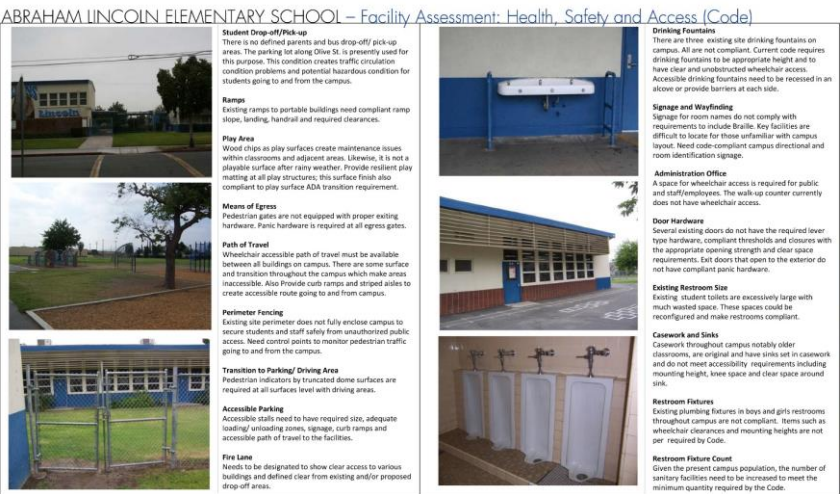
building upon the existing fmp

review of existing facilities master plan

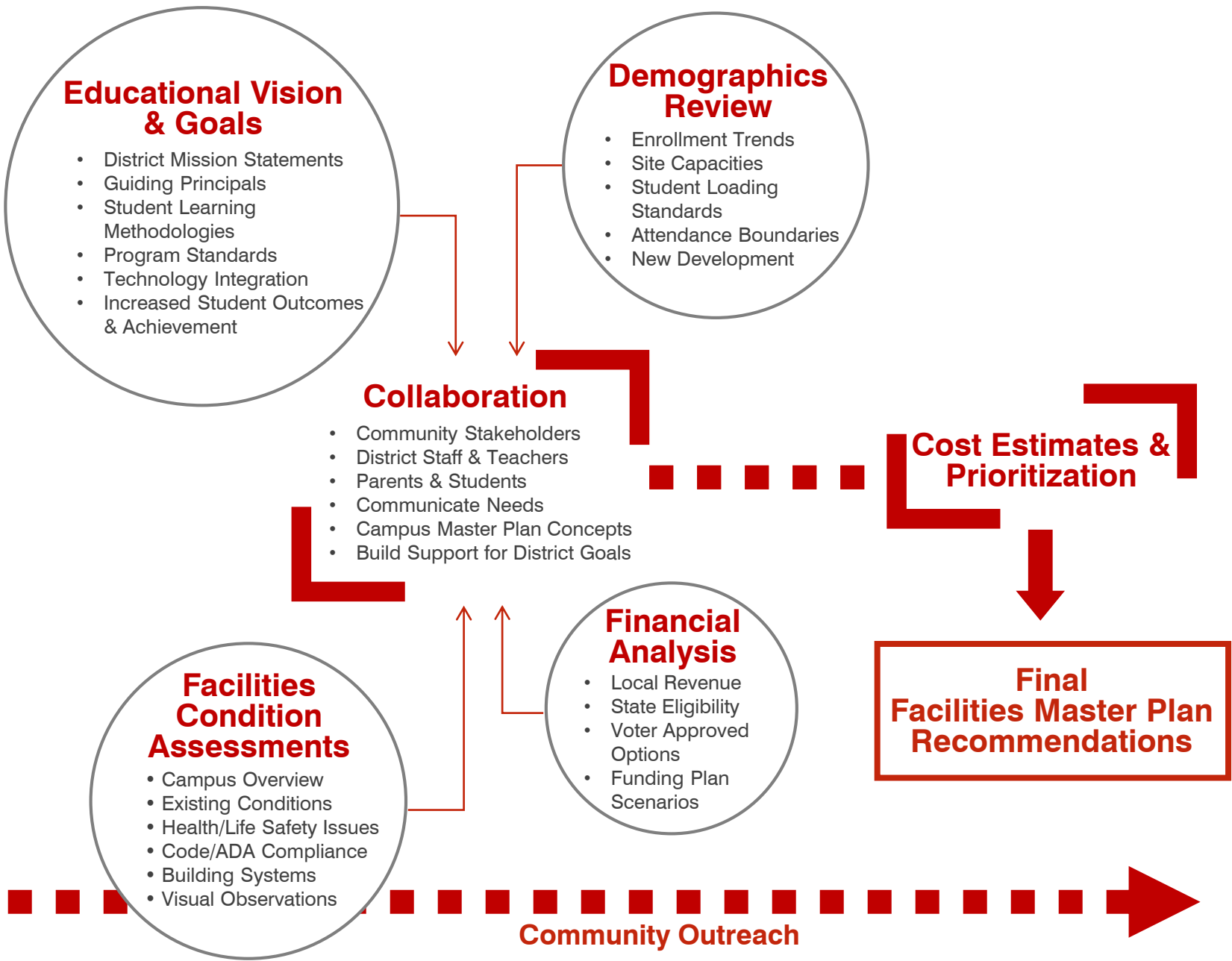
- maintenance & operations interviews
- site walks – confirm facility assessments & work completed since 2011
- school site principal engagement – educational space utilization and site priorities

considerations for the facilities master plan update

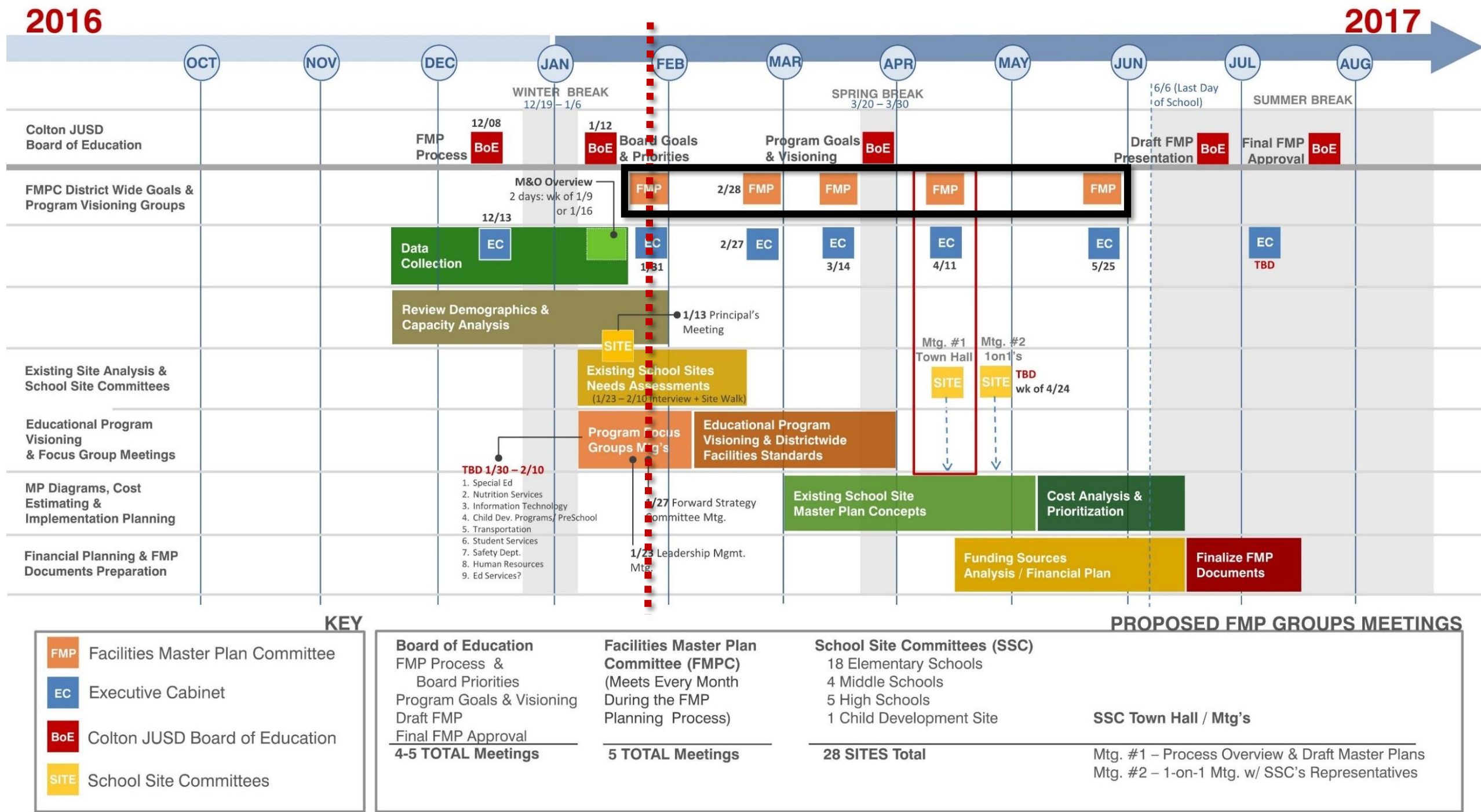
- changes in curriculum since 2011
 - implementation of common core
 - educational specifications and facilities standards
 - classroom flexibility
 - program enhancements
- leverage state funding including CTE
- changes in technology
- changes in code



facilities master plan components



fmp process







6.1 PROGRAM COSTS BUDGET ESTIMATES

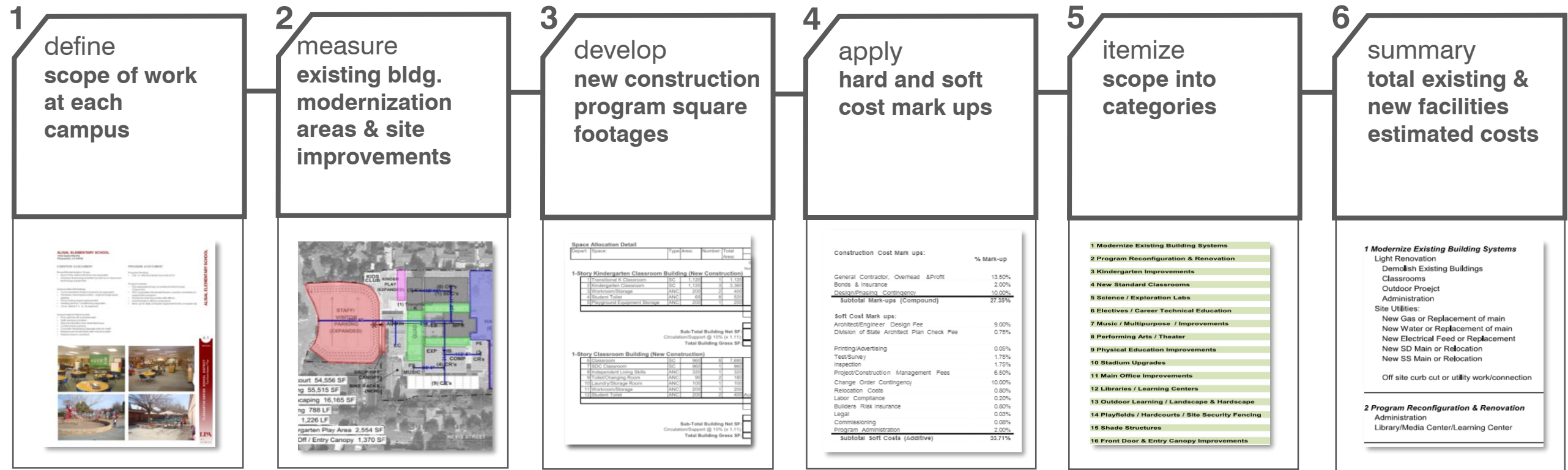
PROJECT COST SUMMARY

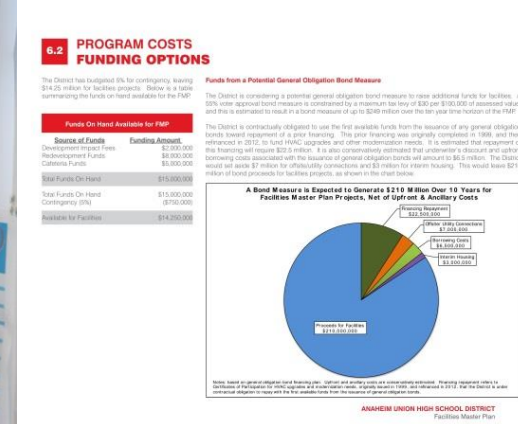
Category	Est. Cost	Revised Est. Cost	Est. Cost	Revised Est. Cost	Est. Cost	Revised Est. Cost
Construction & Renovation (Existing Classroom & Lab Building)	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Existing Building Systems & Utilities	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Site Utilities	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
New Construction - Classroom	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
New Construction - Early Intervention Classroom	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Classroom, Science, and Career Tech Education	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Classroom & Science Education	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Physical Education Improvements	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Administration & Staff Support	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Student Collaboration & Student Support Services	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Safety & Security	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Outdoor Learning Deck	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Play Areas, Play Fields & Soft Courts	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Site Security Fencing & Site Security	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Technology Infrastructure	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total Project Cost (2016)	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000

Prepared by LPA, Inc. / Consulting



cost estimating





prioritization

local funding sources

- current assets
- future development
- redevelopment

calculate state eligibility

- modernization
- new construction
- proposition 39 – energy
- impact of LCFF

voter approval options

- general obligation bond
- recreation assessment district

multiple data points to assist board decision making



inter+act | stakeholder engagement

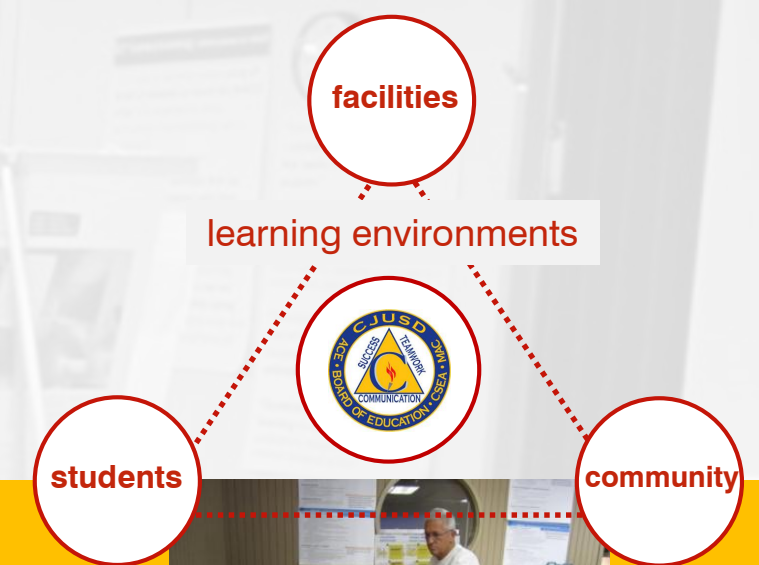


program visioning

GATHER INPUT

Program Vision

Educational Goals/Program Standards:
Focused Discussions, Creating Equity between Sites



EXPLORE

What If Scenarios

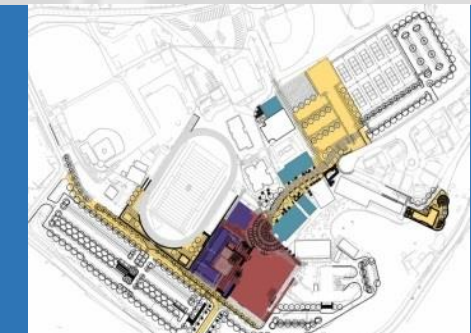
Visioning Future Teaching & Learning
Policies, Programs, Facilities, Operations



VALIDATE

Master Plan Recommendations

Project Scope, Budget, Schedule & Priorities
Check for Understanding



fmp committee meetings

#1 – Jan. 31st, 2017 (6:00 – 8:00pm) - “If You Could Dream”

FMP Process & Schedule Overview
Group Perceptions & Priorities for the Master Plan
Program Visioning Thought Starters

#2 – Feb. 28th, 2017 (6:00 – 8:00pm) - Educational Program Opportunities

Draft Guiding Principles
School Site Walks Needs Assessment Findings
Elementary Program Visioning
Demographic Projections & Capacity Review

#3 – Mar. 14th, 2017 (6:00 – 8:00pm) - K12 Educational Program Opportunities

Secondary Program Visioning
School Sites Design Opportunities

#4 – Apr. 11th, 2017 (6:00 – 8:00pm) Proposed School Improvements / Town Hall

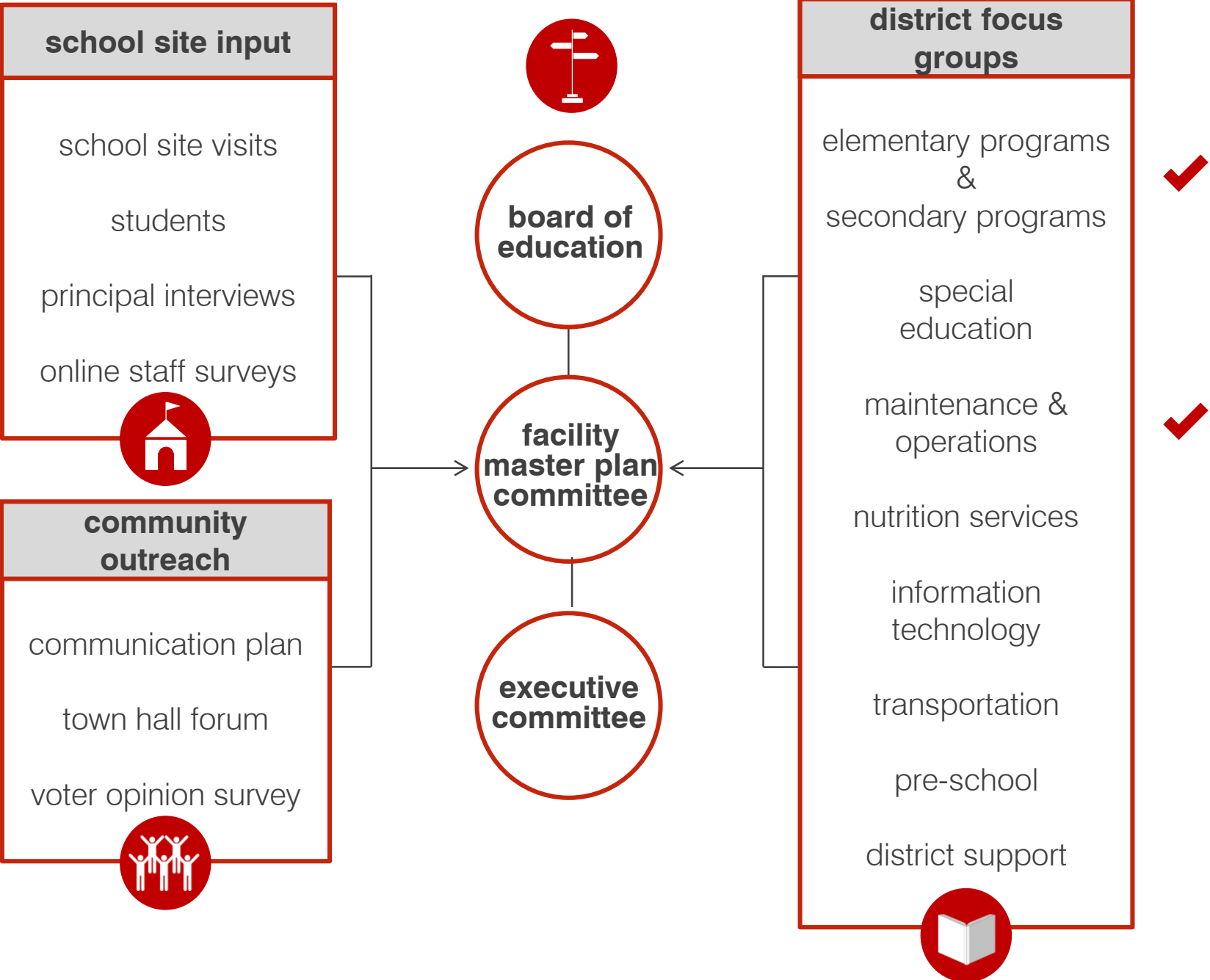
Scopes of Work / Needs Categories
Draft School Site Master Plan Diagrams
District Staff & Community Input

#5 – May 25th, 2017 (6:00 – 8:00pm) - Implementation

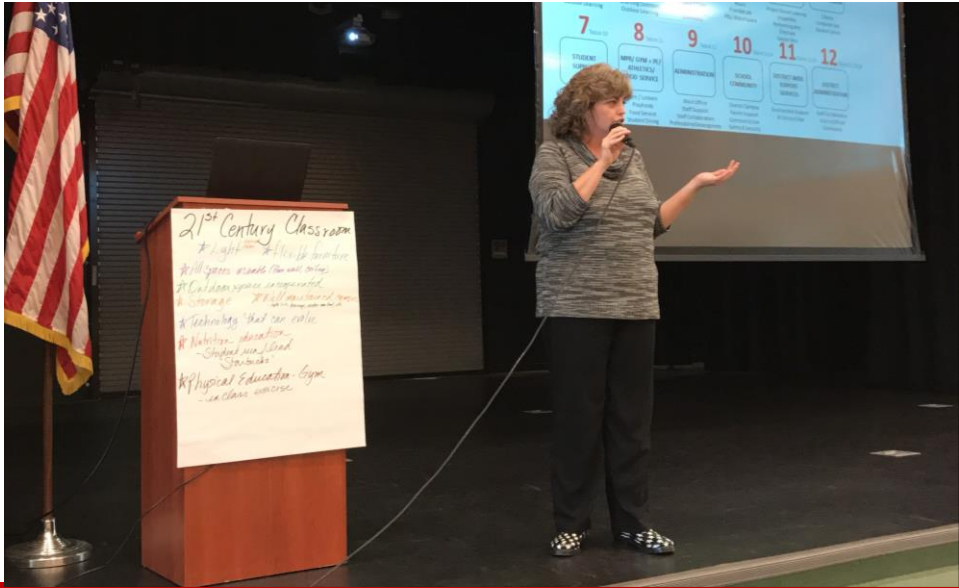
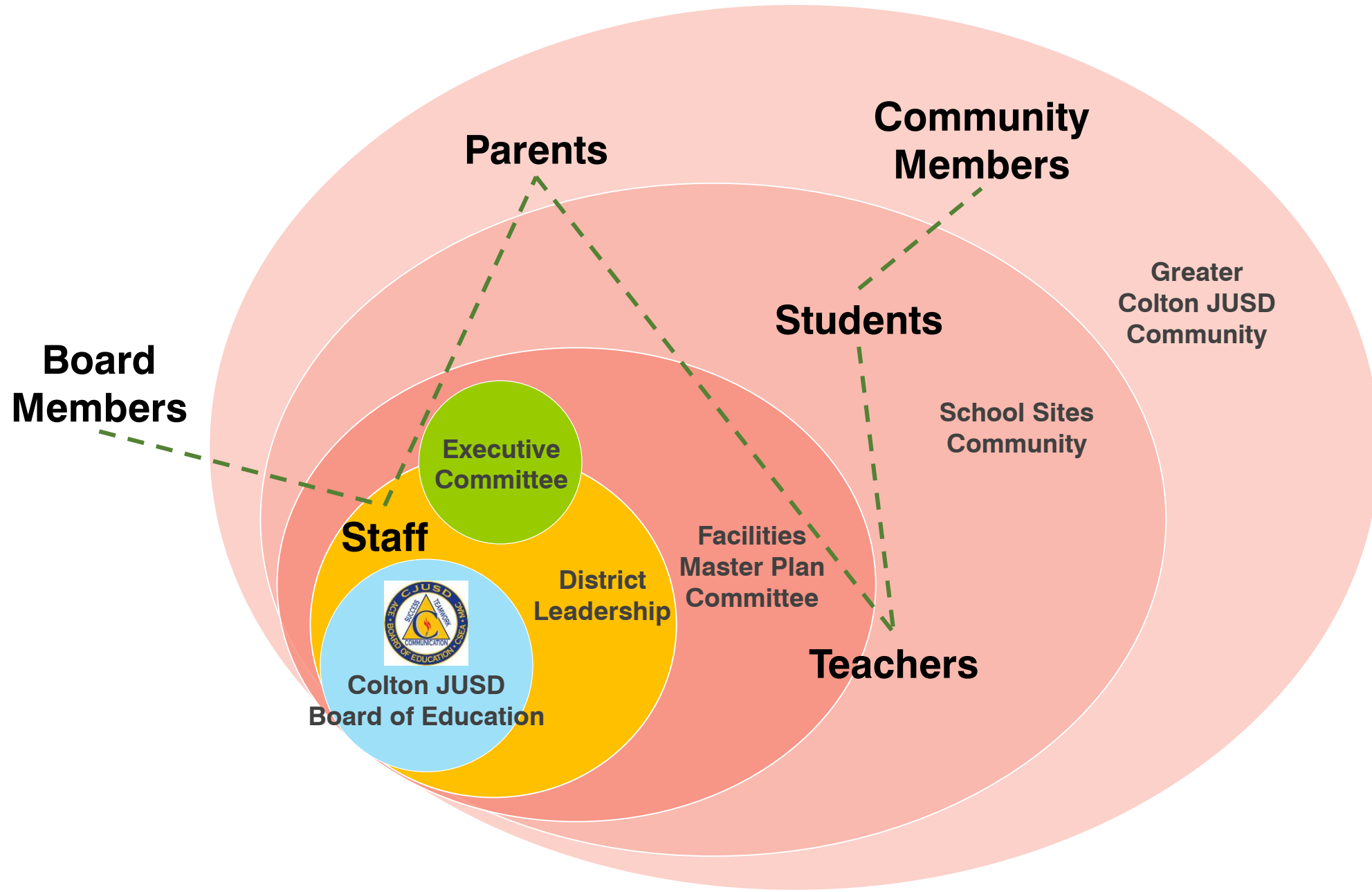
School Site Committees Priorities
Total Program Cost
Preliminary Funding Opportunities
Prioritization Voting Activity & Next Steps



stakeholder outreach



stakeholder engagement





enrich lives

| the learning environment



A group of four students are sitting on the floor in a modern, wood-paneled room. They are all looking at laptops. The student on the far right is a young man with dark hair, wearing a dark t-shirt and a necklace, looking towards the others. The other three students are young women, some with long hair, also looking at their laptops. The room has large windows in the background with some text on them, including 'The Jaffe Family' and 'Wells Fargo'. The overall atmosphere is collaborative and focused.

thought starters

21st century learning environments

understanding today's student

Listening • Collaboration
Taking Notes • Peer-to-Peer
Reading • Mentoring
Exam Taking • Project-Based
Cramming • Coaching

YESTERDAY



TODAY



program exploration

common themes...driving change

21st century skills – the 5 c's

Critical Thinking

Creativity

Collaboration

Communication

Community

common core integration

healthy students / healthy schools

learning environment / learning styles

Visual

Audio

Tactile

Kinesthetic

social & casual learning spaces

business & community linkages

technology transparency



program exploration

AUDITORY

Lecture, Individual, Distance Learning

Soft, mobile furnishings; surfaces with absorptive fabric; acoustically isolated areas

VISUAL [IMAGE & TEXT]

Collaboration, Reflection, Presentations

Extensive horizontal & vertical surfaces; visual connections; varied focal length

TACTILE [KINESTHETIC]

Hands-On Activities, Peer-to-Peer Tutorial

Open areas for standing, movement, & active learning; adjustable-height furniture

VERBAL

Debate, Discussion, Critiques, & Reviews

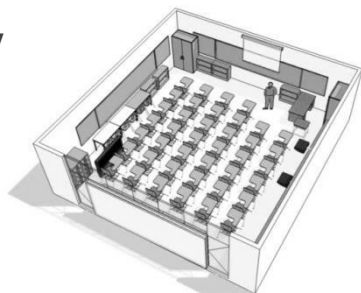
Acoustically separate noisy & quieter areas; absorptive materials, mobile furniture, & noise barriers

Design suggestions adapted from
Learning Modalities and Space,
CEFPI Educational Facility
Planner, 44(2&3); Boone.

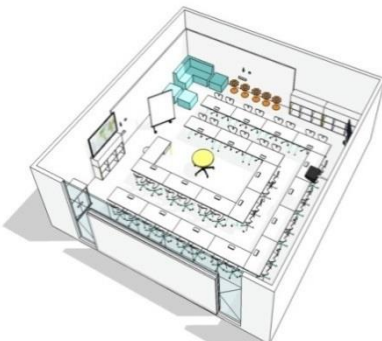


classroom flexibility

today



tomorrow



discussion



lecture



group work



project based



agility

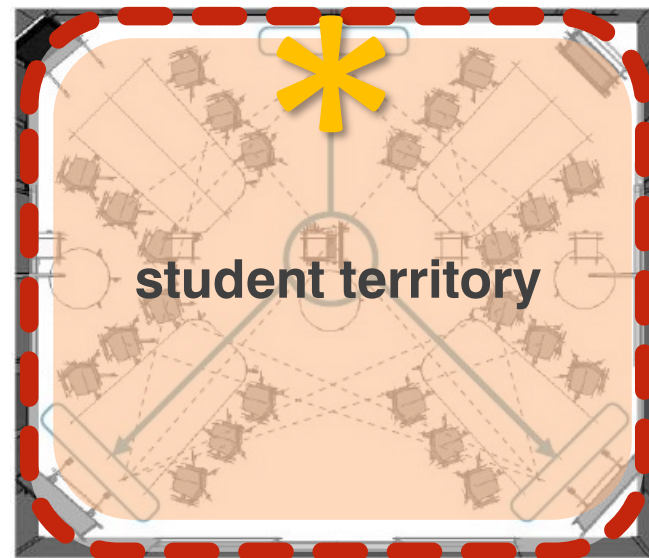
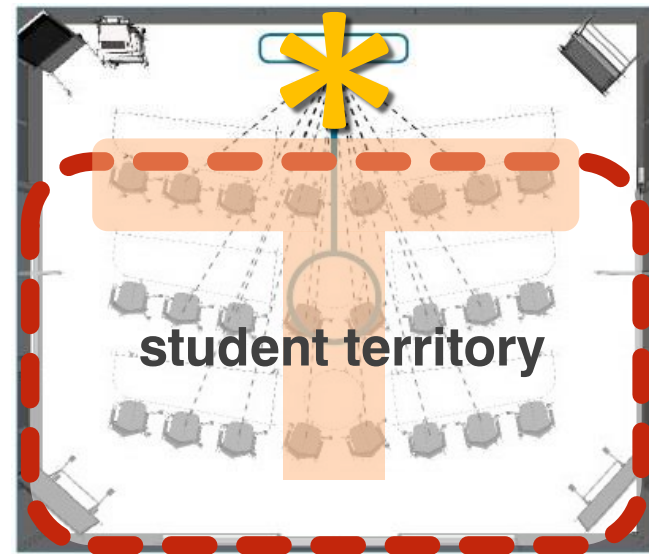
Sonnwendviertel Education Campus Vienna AT



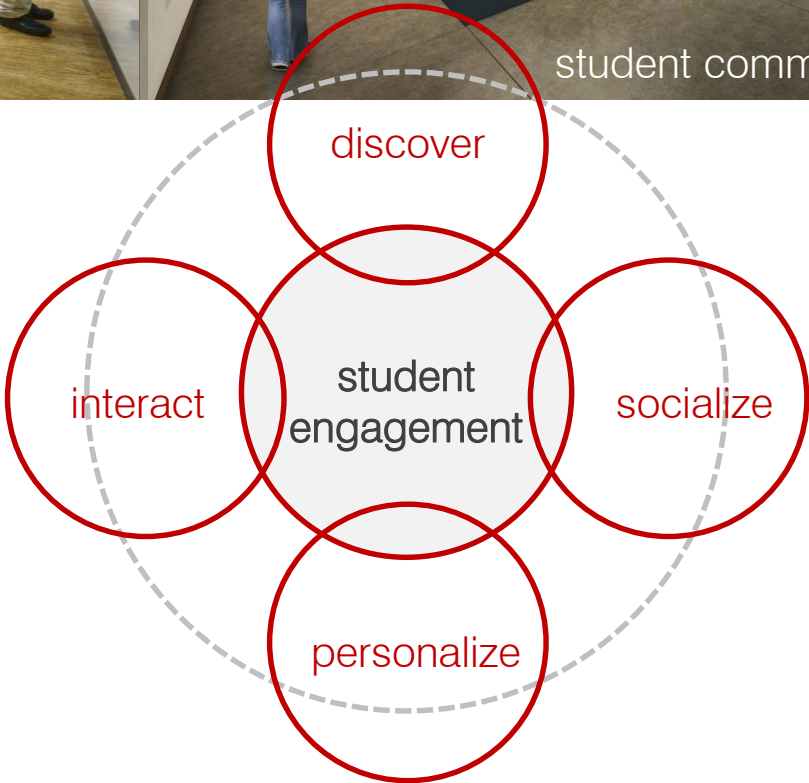
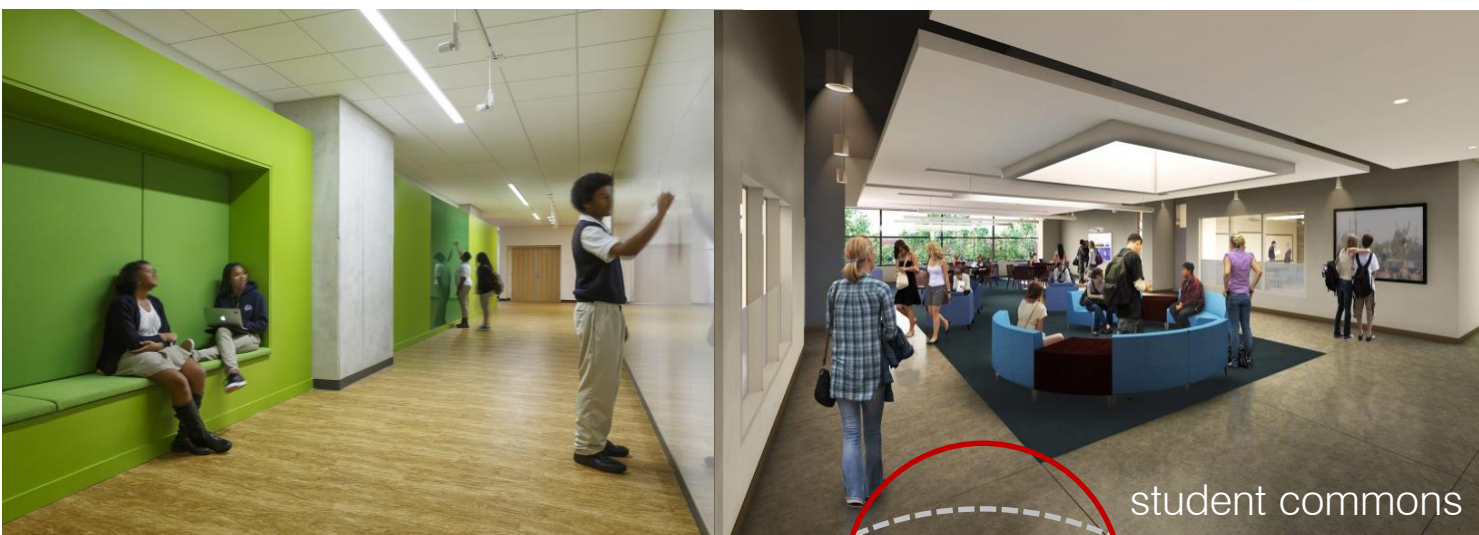
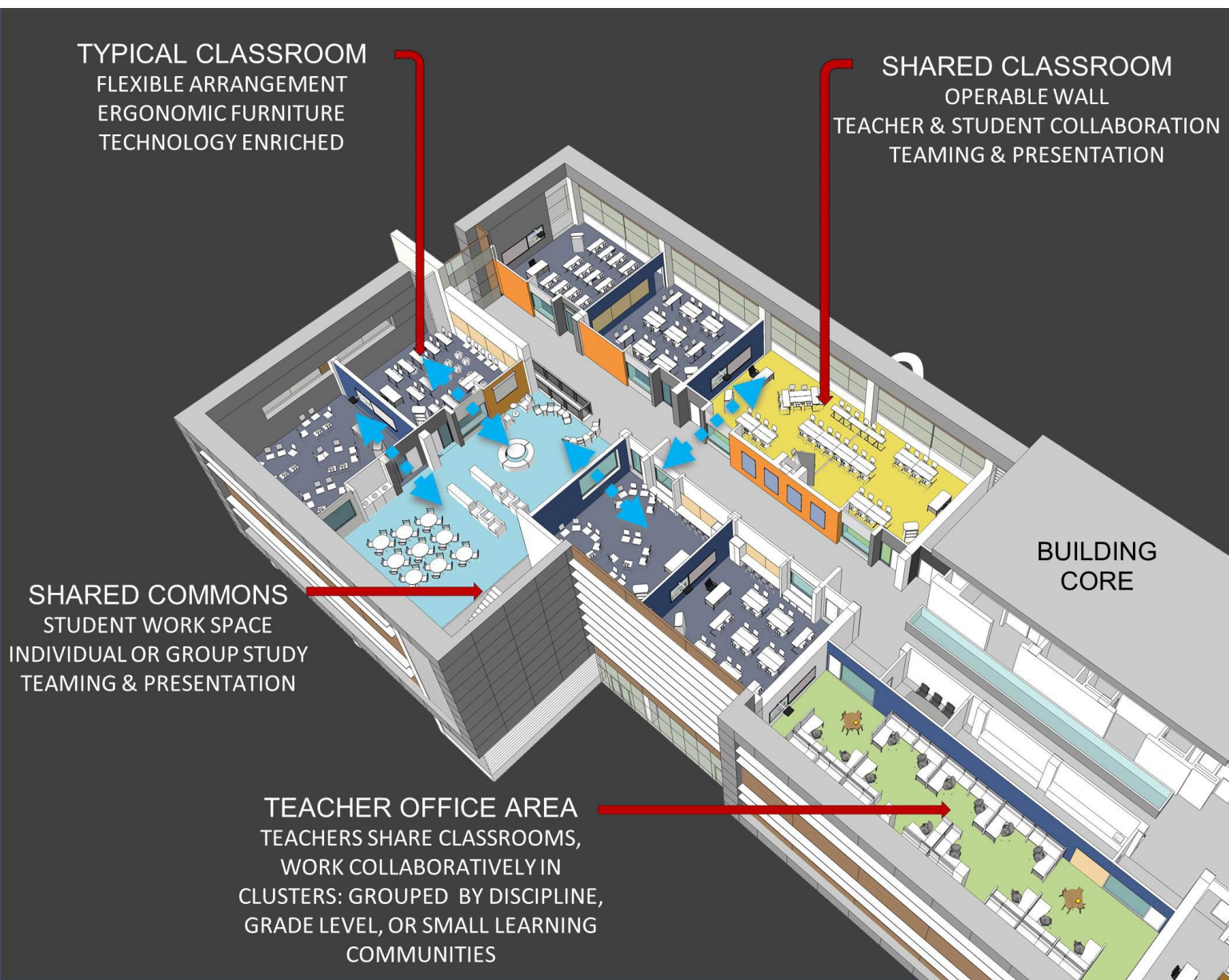
flexibility

Machias Elementary School Seattle WA

classroom agility



learning environments

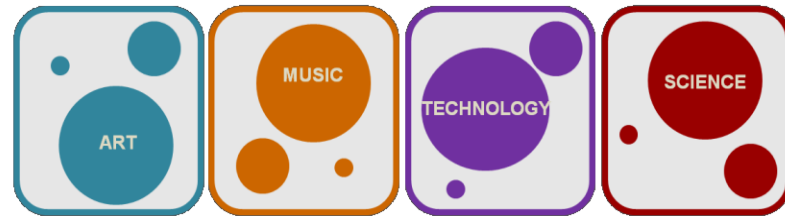


create a collision-rich environment that supports collaboration + experiential learning activities

STEM integration

cultivate exploration

today



resource space

prep for experiments or clean up
supplies for larger open space
mixed media resources
focused group collaboration
tackable space
mini-lecture

technology zone

computers for digital arts
graphic stations: technical skills
cluster of technology
research stations: data & history
available resources for reference

maker space / fab lab

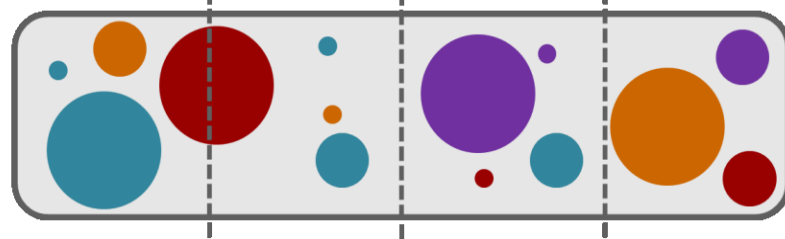
tables for cutting, mounting, etc.
mount photos, art work, essays
presentation boards for science
cutting tables
spray booth
water, glue, scissors, etc.

open space

student presentations
group discussion
critique space
easels around central still life
experiments by moving tables
demonstrations for groups

stem/steam

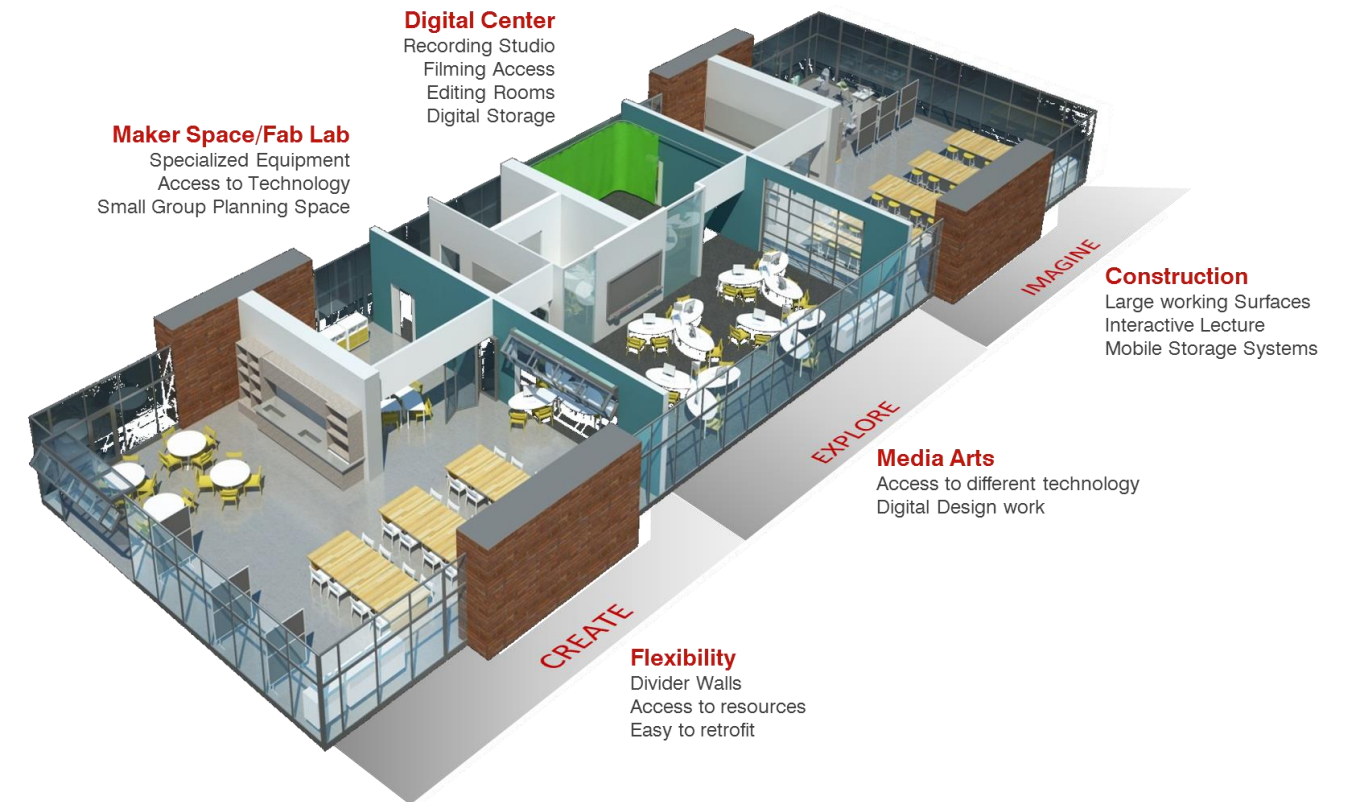
tomorrow



adaptation to common core

- collaboration
- critical thinking
- communication
- creativity
- community

21st century soft skills



science

lecture & lab
research based
hands on opportunities

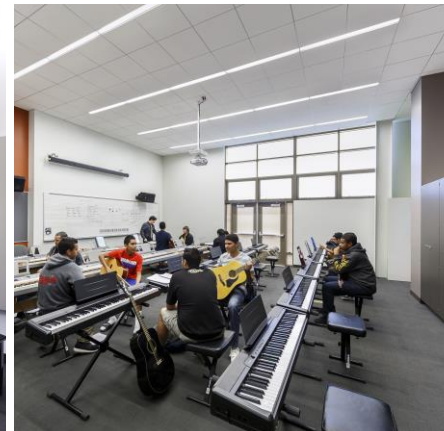


arts & electives

music

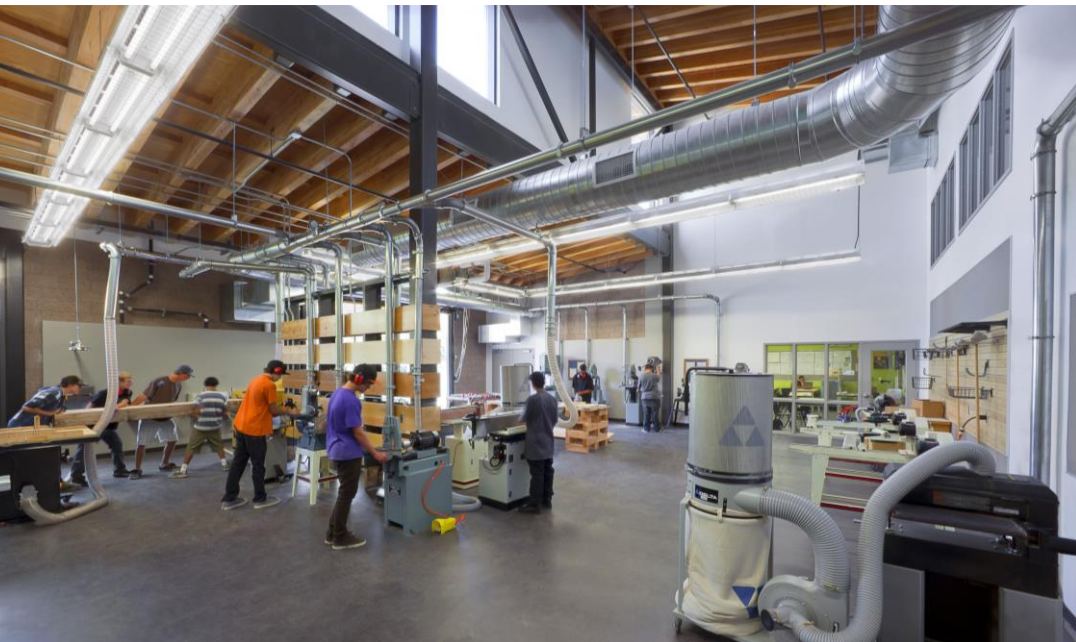
performing arts / broadcast

visual arts



college & career prep

academic pathways
industry standard facilities



student support

student union

library

student services support



outdoor learning

connection to outdoors

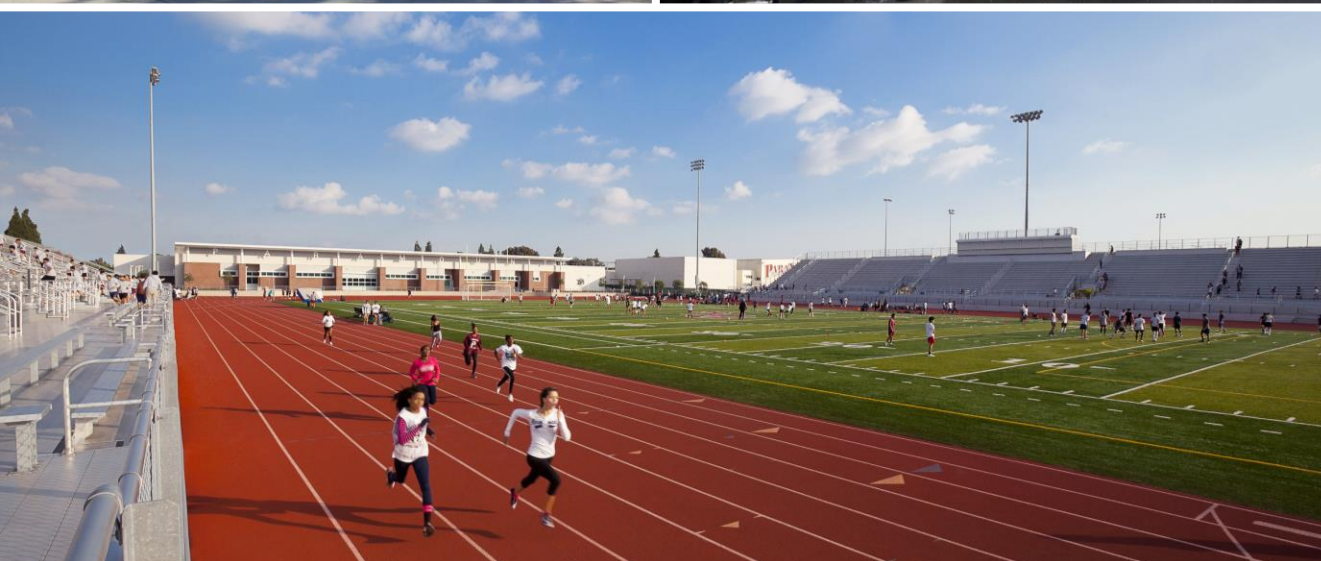
teaching tool / learning happens everywhere

linkage to curriculum



physical education

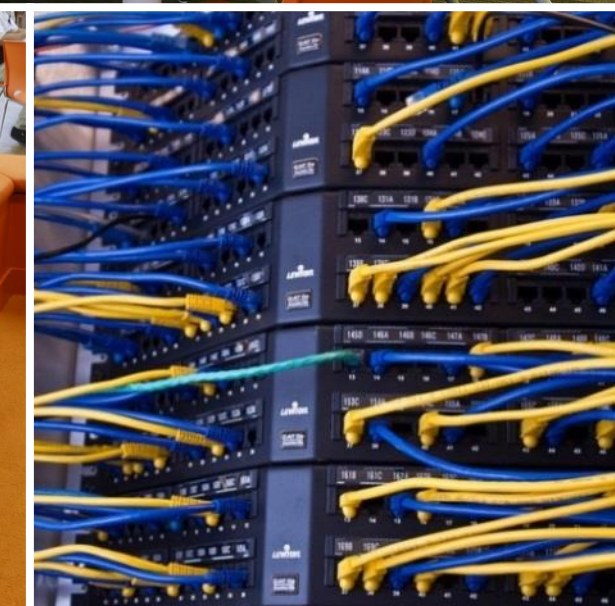
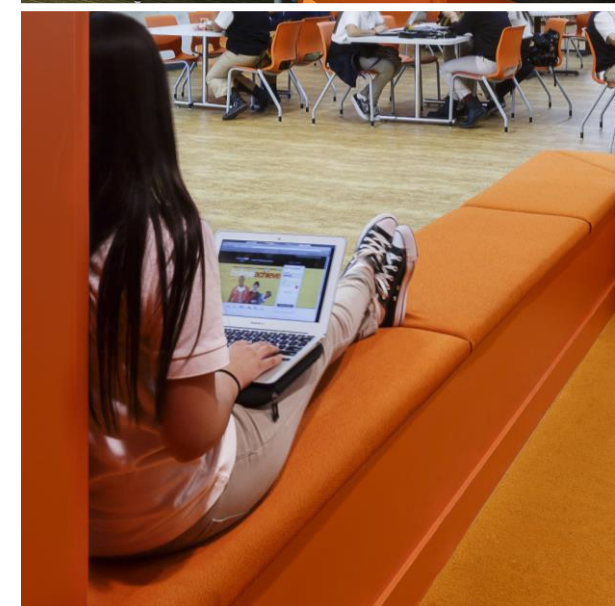
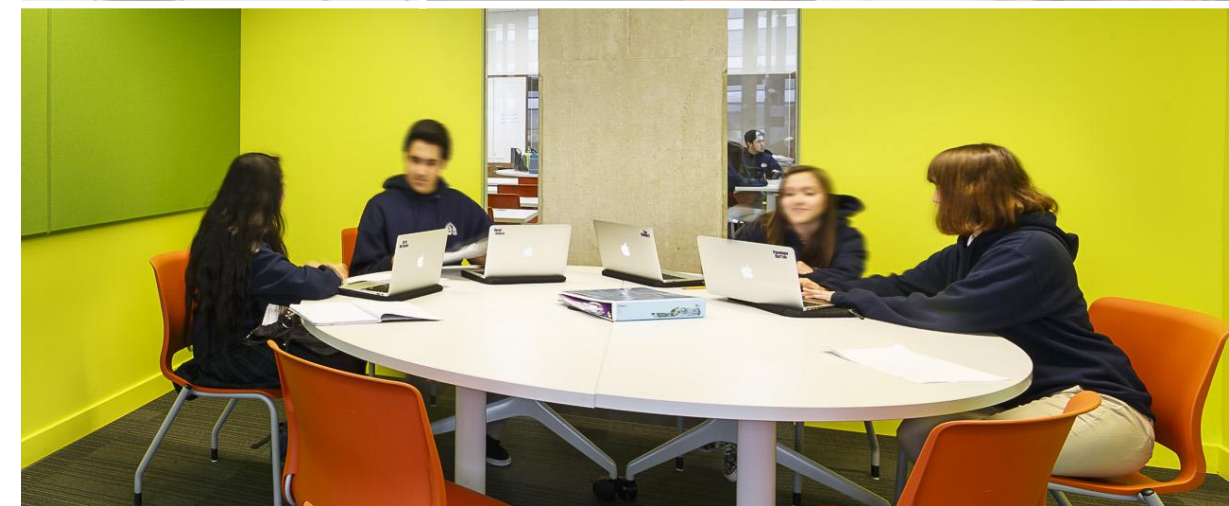
gymnasium
stadium
athletics



technology integration

- Common Core Integration
- Critical to Understand Educational Goals
- Evaluate Backbone Pathways Capacity
- School Sites Wireless Coverage
- Facilitating 1 to 1 Computing
 - Student & Staff Personal Devices
- Classroom Equipment
 - Computers
 - Smart Board / Projector / Large Screen Display
 - Document Camera
 - Tablets
- Low Voltage Systems
 - Phones / VOIP / Bells / Security
- Flexible, Agile & Mobile
- Invest in Professional Development
- Future Proofing of Facilities

“Technology is not an end in itself but another tool to be used in support of increased student outcomes and achievement.”



create connections

writing
surfaces

large
format
interactive
monitor

huddle
boards

short
throw
projection

Wi-Fi
access
points

**tech
coordinated
with room
layout**

mobile
flexible
furniture

if you could dream ...

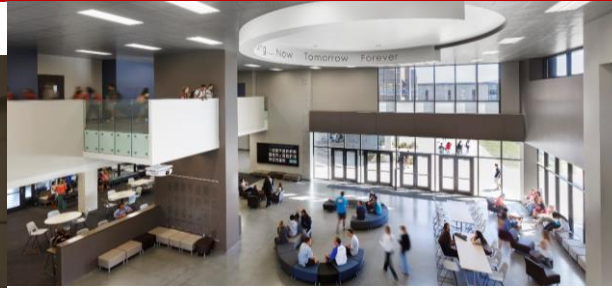


1. Discuss Building, Site and Community Opportunities
(15 minutes)
2. Discuss Educational Program Concepts that the FMP Process should examine
(15 minutes)
3. Present Back
(15 minutes)

welcome



gather



inspire



believe



imagine



share



energize



wonder



play



explore



dream



connect



collaborate



discover

learn



practice



focus



present back [20 minutes]



Nominate 1 person to present back to the larger group your ideas and thoughts.

1. Discuss Building, Site and Community Opportunities (15 minutes)
2. Discuss Educational Program Concepts that the FMP Process should examine (15 minutes)



how will you define success for this master plan?



next steps

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a sustainable master plan is...

1. people driven
2. research informed
3. learner centered
4. exploratory
5. transparent
6. implement-able
7. long range



LPA



thank you



LPA

*Creating sustainable places and spaces that
enrich the lives of those who use them.*