



Prepare Now! Building Your Holistic Approach for Upcoming Capital Projects

Vaysen Studio

ASHLEY MCGRAW
ARCHITECTS



Goals

- Set your projects up for a holistic successful process.
- Enhance your project outcomes.

Agenda

- Understanding the elements:
 - Community Engagement
 - Educational Planning
 - High Performance Facilities
- Break out groups to Co-create
- Discussion



WELCOME!

Hello!



Susanne Angarano

Owner

Accredited Learning
Environments Planner (ALEP)

Vaysen Studio

susanne@vaysen.com

Holistic Process

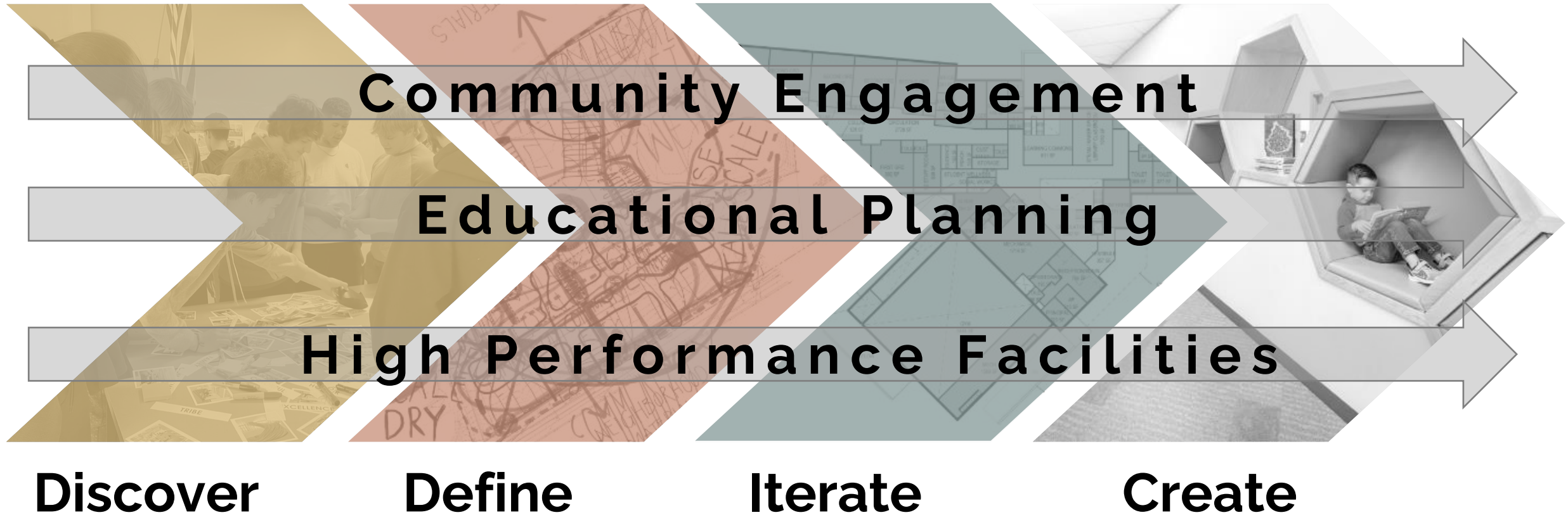


Community Engagement

Educational Planning


High Performance Facilities

Holistic Process



A large, diverse group of cartoon-style people of various ages, ethnicities, and genders are standing together. The group includes men, women, and children of different ages, with various skin tones, hair colors, and styles. Some are wearing traditional head coverings like hijabs. They are dressed in a variety of casual and professional attire. The background is plain white, and the overall style is clean and modern.

COMMUNITY ENGAGEMENT & OUTREACH



V
Rooted in your
Community
context

A
Authentic to your
stakeholder
needs

L
Articulate
immediate and
long term goals
& set priorities

U
Sets your
community up to
be well informed

E
Equitable
opportunity for
participation

Public Outreach → Community Engagement



Community & Stakeholder Engagement



Guiding Principles

Vision

Advocacy

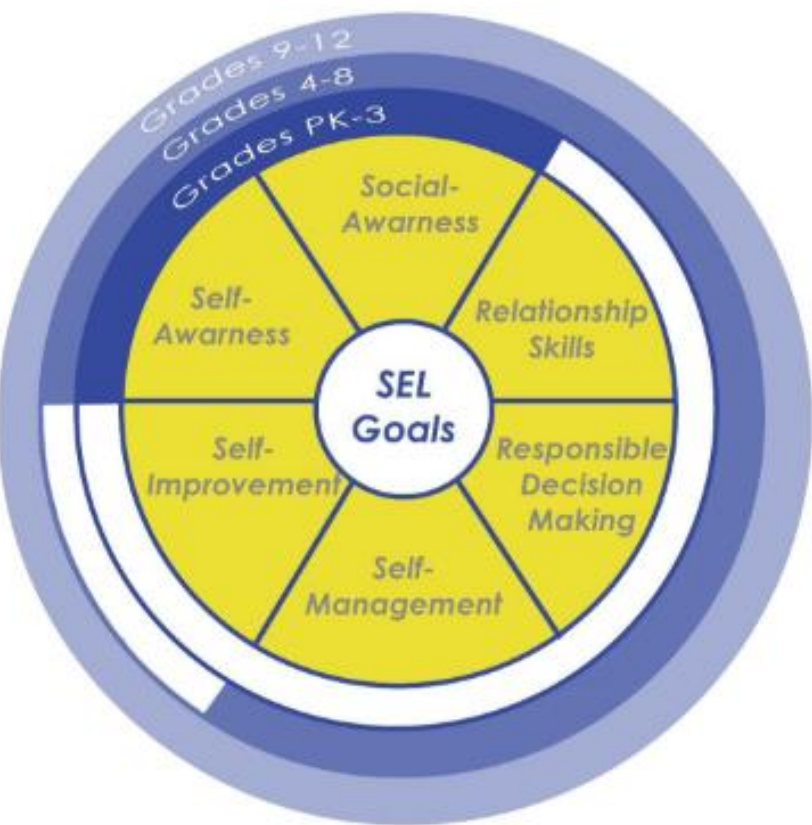
Deep Understanding

Trust

Educational Needs

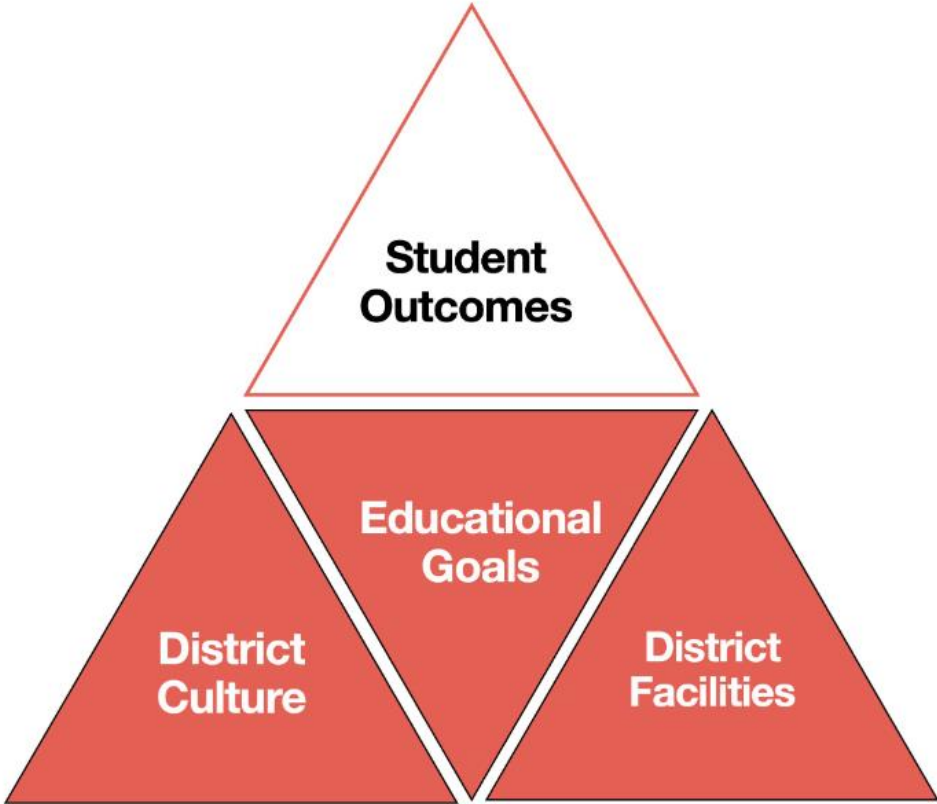
Educational Planning

Educational Planning

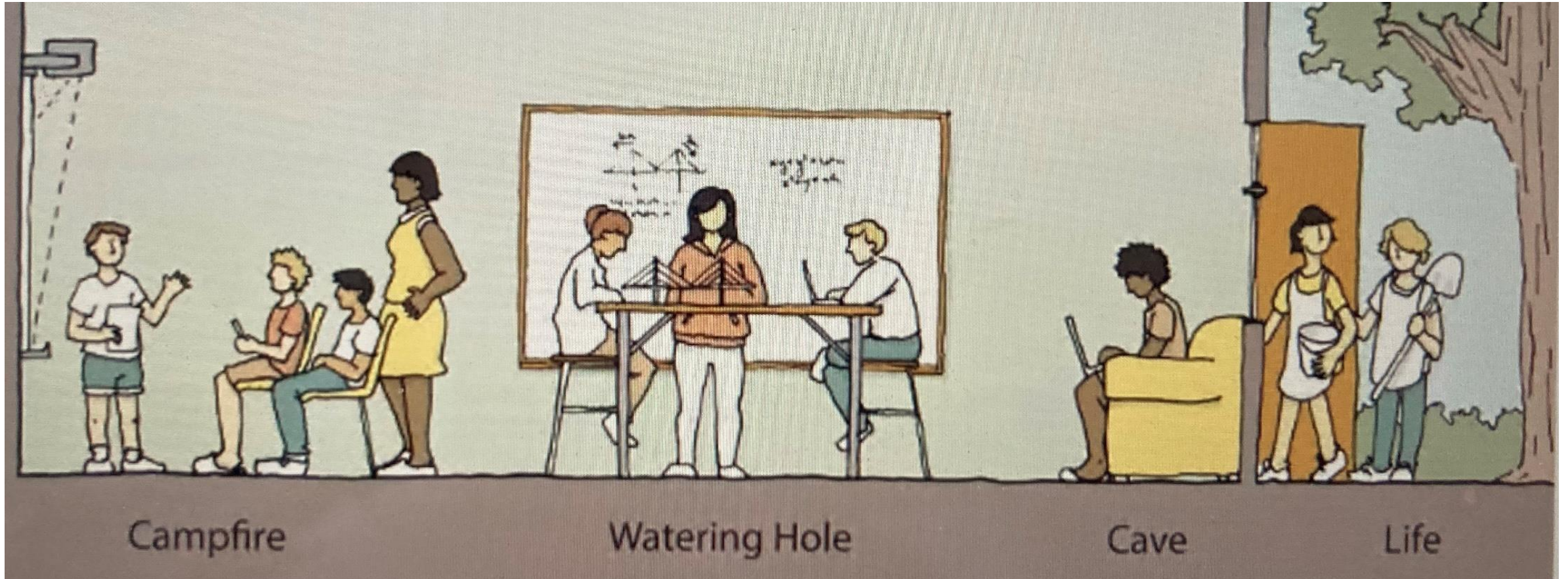


Social Emotional Learning Core Competencies
Vaysen Studio 2022

Litchfield Elementary School							
Instructional Space	No. Clm	Desired Students / Clm	Total No. of Students	SF / Pupil	Existing SF	NH SF Req.	
Core Instruction							
UPK	3	36	108	50	850	1,000	1,001 3,003
Kindergarten	5	20	100	50	850	1,000	1,001 3,005
First Grade	5	20	100	36	850	900	902 4,510
Second Grade	5	20	100	36	850	900	902 4,510
Third Grade	4.5	20	90	36	850	900	905 4,073
Fourth Grade	4.5	20	90	36	850	900	905 4,073
Shared classroom space	3	-	-	-	-	-	528 1,584
Totals Pre-K-4							26,757
Specials							
UA - Skills, Enrichment, & Tech (SET)	1	-	-	36	-	900	1,014 1,014
UA - Art	1	-	-	36	1056	900	1,201 1,201
Art Storage	1	-	-	-	-	-	231 231
UA - Music & storage	1	-	-	36	-	900	1,006 1,006
UA - Library/Learning commons	1	-	-	40	1497	1,800	2,294 2,294
Makerspace/Steam	1	-	-	-	-	-	1,010 1,010
UA - Gym	1	-	-	-	4020	-	5,811 5,811
Gym Office	1	-	-	-	-	-	138 138
Gym Storage	1	-	-	-	-	-	629 629
Cafeteria	1	-	-	-	-	-	2,137 2,137
Kitchen	1	-	-	-	1118	1,000	999 999
Kitchen Storage	1	-	-	-	-	-	300 300
Kitchen Office	1	-	-	-	-	-	138 138
Platform	1	-	-	-	590	1,000	978 978
Totals							17,886
Supported Learning							
Case manager shared office: K/1/2	1	-	-	-	-	-	512 512
Case manager shared office: 3/4	1	-	-	-	-	-	497 497
Case manager DD	1	-	-	-	-	-	811 811
Office	1	-	-	-	-	-	201 201
Sensory Room	1	-	-	-	-	-	118 118
Resource room for AIS - ESOL, Speech, Reading, Math	4	-	-	-	-	-	446 1,784
Breakout Rooms 3:1	12	-	-	-	-	-	104 1,248
Reading Specialist Office	1	-	-	-	-	-	210 210
OTPI	1	-	-	-	-	-	1,000 1,000
Multi-use rooms	6	-	-	-	-	-	137 822
Corridor Student Collaboration	7	-	-	-	-	-	142 994
Totals							8,197
Office & Operations							
Administrative Office Suite							
Reception/Admin	1	-	-	-	-	-	784 784
Copy/Storage	1	-	-	-	-	-	195 195
Office (Principal & AP)	2	-	-	-	-	-	221 442
Conference	1	-	-	-	-	-	492 492
Nurse's Office	1	-	-	-	-	-	564 564
Patient room	1	-	-	-	-	-	135 135
Storage	1	-	-	-	-	-	100 100
Student Wellness Suite							
Offices (Guidance, Social Worker, Psych)	3	-	-	-	-	-	164 492
Multi-use (includes circulation)	1	-	-	-	-	-	371 371
Storage	1	-	-	-	-	-	178 178
Staff Room with storage	3	-	-	-	-	-	316 948
Staff Commons	1	-	-	-	-	-	444 444
Totals							5,145



How do we learn?



Desired Outcomes

What potential do we see?

Well-Being

Self-Sufficient

Celebrate Learning &
Accomplishments

Sense of Belonging

Improvement

Engagement Levels

Attendance

Graduation Rates

Standardized Testing

Preparedness

College

Military

Workforce

Trades

Connections

Community

Families

Desired Experiences

How will we get to our desired outcomes?

Interactive

Hands-on-Learning

Outdoor Learning

Collaborative

Co-Teaching

Cross-Disciplinary

Professional Learning Comm.

Hybrid

Distance Learning

Asynchronous Learning

Synchronous Learning

Focused

Trades / Career Programming

Welding
Automotive / Mechanics
Student Run Businesses
Agriculture / Growing

Social-Emotional Well-Being

Desired Spaces

What spaces support our goals?

Shared

Library-Media Center

Auditoriums

Commons

Small Group / Team

Instructional

Adjoining Classrooms

Professional Workspace

Hybrid

Distance Learning Lab

Active

STEAM Lab

Makerspace

Trades Lab

Creation Lab

PBL Lab

Garden

A bronze statue of a man in a deep state of thought, with his hand resting on his chin, set against a clear blue sky. The statue is highly detailed, showing the man's muscular physique and the texture of the bronze. The text "What does 'high performance building' mean to you?" is overlaid in white, bold, sans-serif font across the center of the image.

What does “high performance building” mean to you?

'High Performance Building' Definition

a building that integrates and optimizes on a life cycle basis all major high performance attributes, including energy conservation, environment, safety, security, durability, accessibility, cost-benefit, productivity, sustainability, functionality, and operational considerations.

Energy Independence and Security Act of 2007

recyclability

meaning

control &
variability

weight

life expectancy

contextual
patterns

QUANTITATIVE

QUALITATIVE

source

embodied
energy

gradients

comfort

resilience

energy
usage

Cost (\$)

visions

memory



Integration of Standards

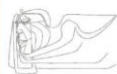
EQUITY



PLACE



BEAUTY



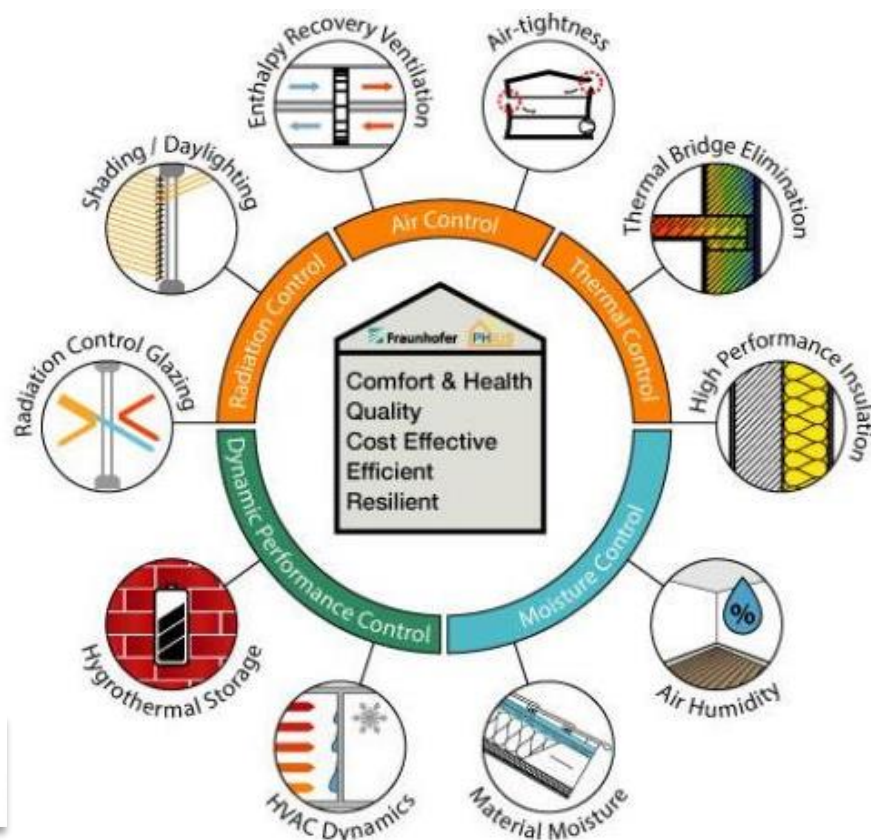
MATERIALS



WATER



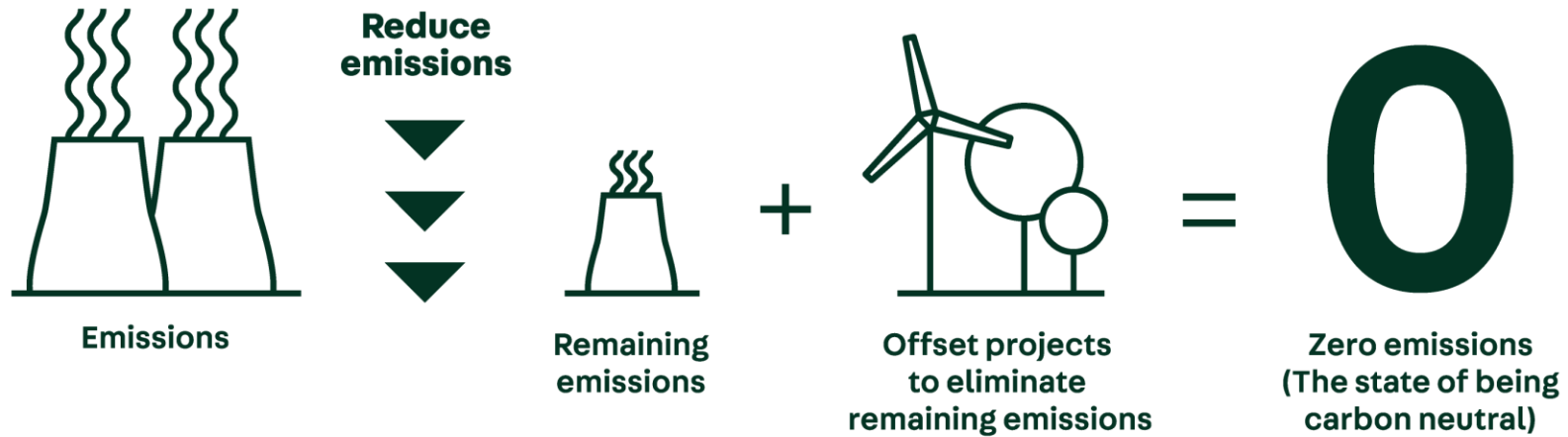
HEALTH &
HAPPINESS



ENERGY



What it means to be carbon neutral

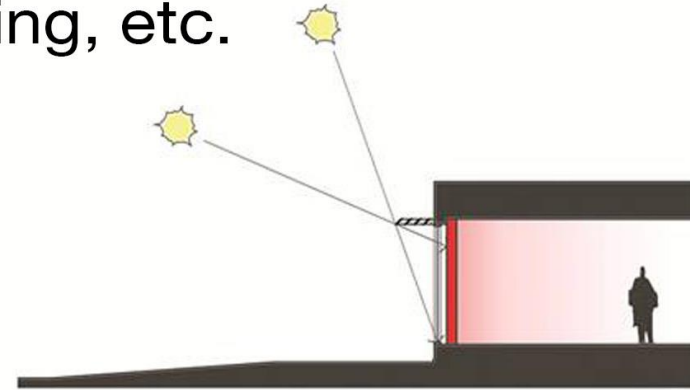


Architecture



Building Envelope Composition; Control of Air Infiltration; Well-Designed Insulation; Solar Orientation; Daylighting, etc.

Systems



Natural ventilation; Trombe Walls; Transpired Walls; Geothermal, etc.

Renewables



Photovoltaics; Wind Turbines, etc.

Synthesis

Iterative Process

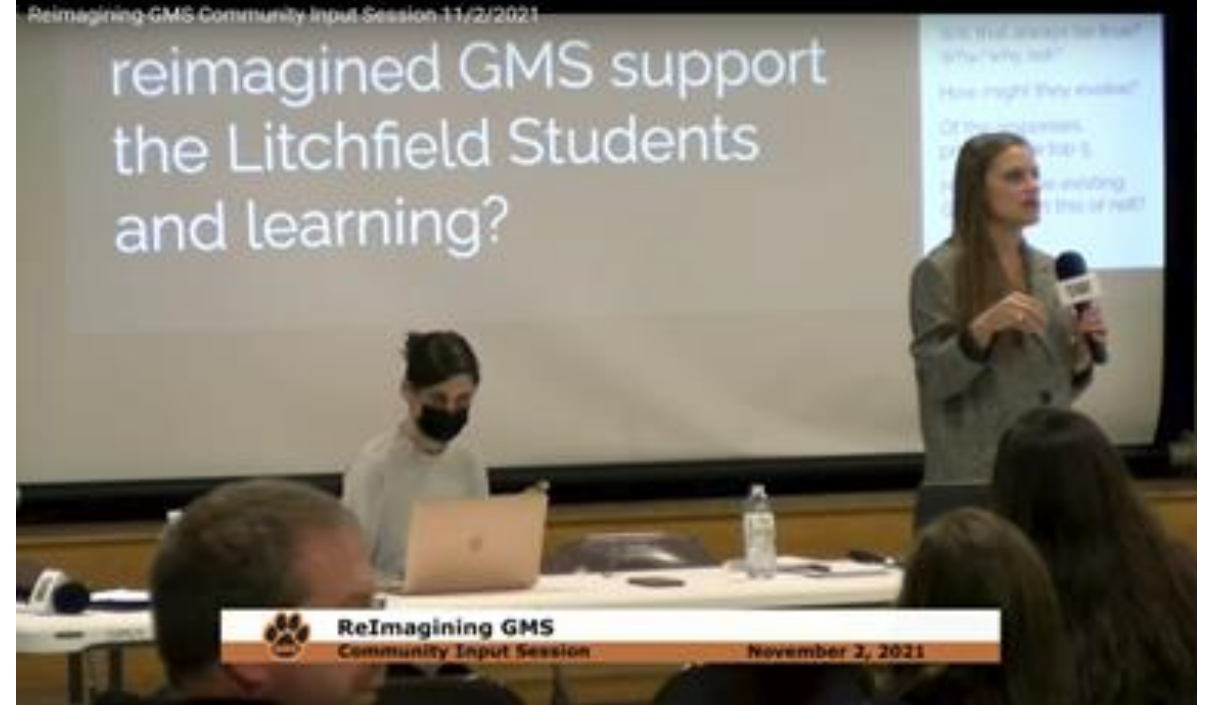
A photograph of a classroom where a group of children and adults are gathered around a large sheet of paper on the floor, working on a project. The children are of various ages and are actively engaged in drawing and writing. Several adults are standing around them, observing and providing guidance. The room has green walls and wooden tables.

Listen

Analyze
& Discuss

Listen

Present





What is your District's Guiding North Star? What is the future state vision you are working towards?

AIM

What are you looking to accomplish in the next 5-10 years? Goals for facilities, education, learning outcomes, community participation

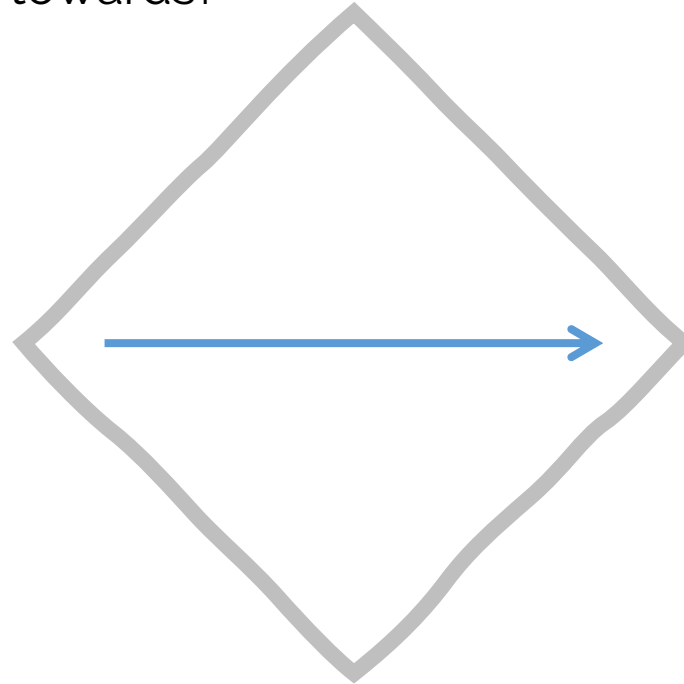
GOAL

GROUND

What's going on with your schools now?
Current state of facilities, education, learner outcomes, community participation

INSTRUMENTS

What are you doing to achieve your goals?
Means and methods.



Guiding Principles

West Irondequoit SD as an educational environment will...

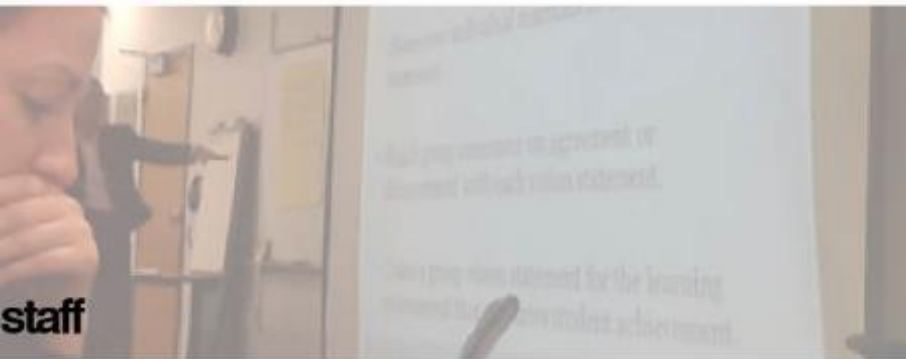
- Foster creativity and collaboration in an engaging and flexible environment so that students can engage in relevant and rigorous instruction.
- Be welcoming to all students and promote active learning while allowing for educator innovation and ease.
- Create safe, welcoming, supportive spaces that promote a love of learning.
- Provide facilities that are safe, clean, welcoming, focused on learning, that foster innovation and creative thought.



VISIONING



board of education



staff



students



community

- we will **respect** the energy of the site
- we will **heal** out relationship with the river
- we will **create** a net zero fossil fuel building
- we will **teach**
- we will create a **safe** and welcoming place for students and the **community**

Purpose

- **To**
Reimagine Griffin Memorial School,
- **In a way**
That unearths potential and realizes
the opportunities for learning,
community, and operational and
energy performance,
- **So that**
The current and future aspirations of
the Litchfield Students and the School
District can take root, grow, and thrive.

Guiding Principles

The Reimagined GMS will...

1. Foster forward thinking and adaptable indoor & outdoor learning
2. Be a hub for community activity and resiliency
3. Honor and embody the agricultural, historical, and natural context of Litchfield
4. Be high performing to most effectively utilize available resources
5. Be Net Zero Energy using passive house principles

District Leadership

Project Committee

User stakeholder groups

Public Community

Student Community



INSTRUMENTS

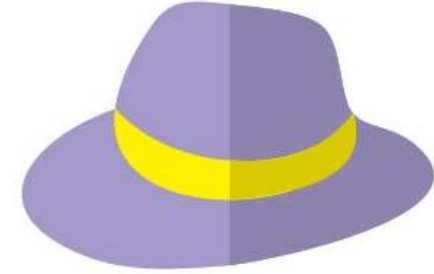
What are you doing to
achieve your goals?
Means and methods.



LEARNERS



EDUCATORS



COMMUNITY

1. What to you means that the capital project was successful?

2. How would you like to engage in the process?

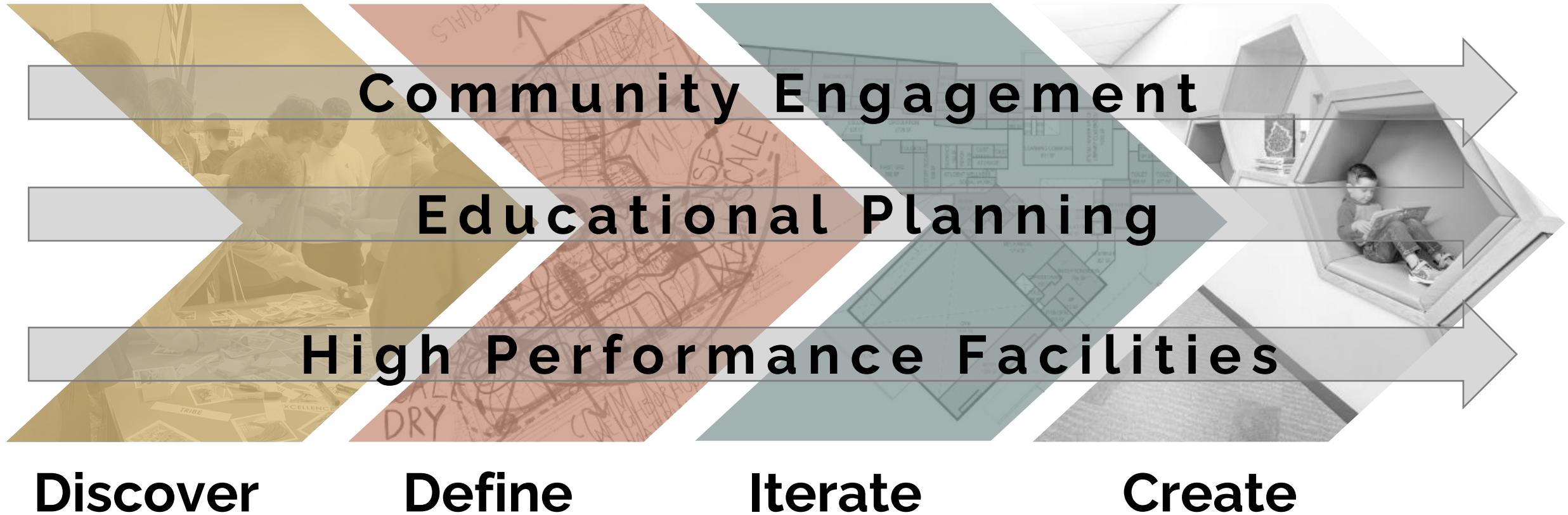
3. What could be your individual contribution? Your group's contribution?

4. What have you seen that works well for high participation?

5. What have you seen fail?

6. What questions do you want to be asked to inform the process and ultimate project?

Holistic Process





Thank you!



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MACARTHUR ELEMENTARY SCHOOL

BINGHAMTON, NY

- LEED Platinum
- PV, GSHP, Radiant
- Flood Resilience

MacArthur Elementary (Prior to Flood)



BCSD
PROPERTY

October 2018

Tropical Storm Lee, September 2011



















Reimagining Griffin Memorial School



ASHLEY MCGRAW
ARCHITECTS



Vaysen Studio



BEFORE











