



Memorial Drive Elementary

Project Advisory Team
Meeting #6
May 16, 2022



Introductions

SPRING BRANCH ISD

Thayer Hutcheson	Memorial Drive Elementary, Principal
Travis Stanford	Associate Superintendent for Operations
Max Buja	Planning & Construction, Director
David Valerius	Planning & Construction, Project Manager
Noel Moreno	Planning & Construction, Project Manager

STANTEC ARCHITECTURE

Jennifer Henrikson	Architect - Principal
Tracy Eich	Architect - Senior Design Principal
Gary Dunn	Architect - Senior Project Manager
Gin Kappler-Peeler	Architect - Senior Project Manager
Gretchen Diesel	Interior Designer - Senior Interior Designer



Agenda

1. PAT Process: Project/Process Status Update

2. PAT Mtg #6: **Exterior Design Progress**

PAT Mtg #5 Recap | Plans + 3D Views

Design Progress | PAT Input + Choices

PAT Engagement: Seek Consensus

* **Brick Color Palette ...** (2 Options)

* **Library Façade** (3 Options)

3. PAT Mtg #6: **Interior Design Progress**

Interior Expression | PAT Feedback Results

Design Progress | Concept + 3D Views

PAT Engagement: Seek Consensus

* **Interior Expression ...** (Palette, Texture, Pattern)

4. PAT Mtg #6: **Seek PAT Final Consensus**

* **Individual Vote:** SD/DD Recommendation

* **Next Step:** Presentation to SBISD Board





Item 1

PAT PROCESS OVERVIEW Project / Process Status Update





New Memorial Drive Elementary School – Project Scope

- **Replacement of Memorial Drive Elementary School** with new building and site elements
- **Approx. 88,000 SF** building per SBISD Educational Specifications
- **Off Site Transition:** Campus will relocate to South Transition Campus from January 2023 thru May 2024
- **18-20 months** total construction period
- **August 2024 = New MDE opens**



PAT Engagement – Project Advisory Team (PAT) Charge

OVERVIEW

A Project Advisory Team (PAT) will be chartered for the planning of a replacement for **Memorial Drive Elementary School** under the school's project in the 2017 Bond Program.

CHARGE

The PAT will work collaboratively and cooperatively with the architect and SBISD Project Manager **to conceptualize, develop and refine the project's goals and design.**

The PAT will advise on recommendations regarding the interior and exterior appearance of the replacement of Memorial Drive Elementary School.

The PAT will reach a proposed recommendation through consensus.

These recommendations will be presented to the Superintendent + Board of Trustees for approval.
The Board of Trustees may act upon the recommendations developed with PAT input by approving, amending, altering or not approving all or any part of the recommendations.

Areas of focus from which the PAT should refrain include recommendations regarding school programs, policies and procedures, boundaries of district facilities, instructional arrangements and/or educational pedagogy decided upon and/or subject to District, State and Federal laws.

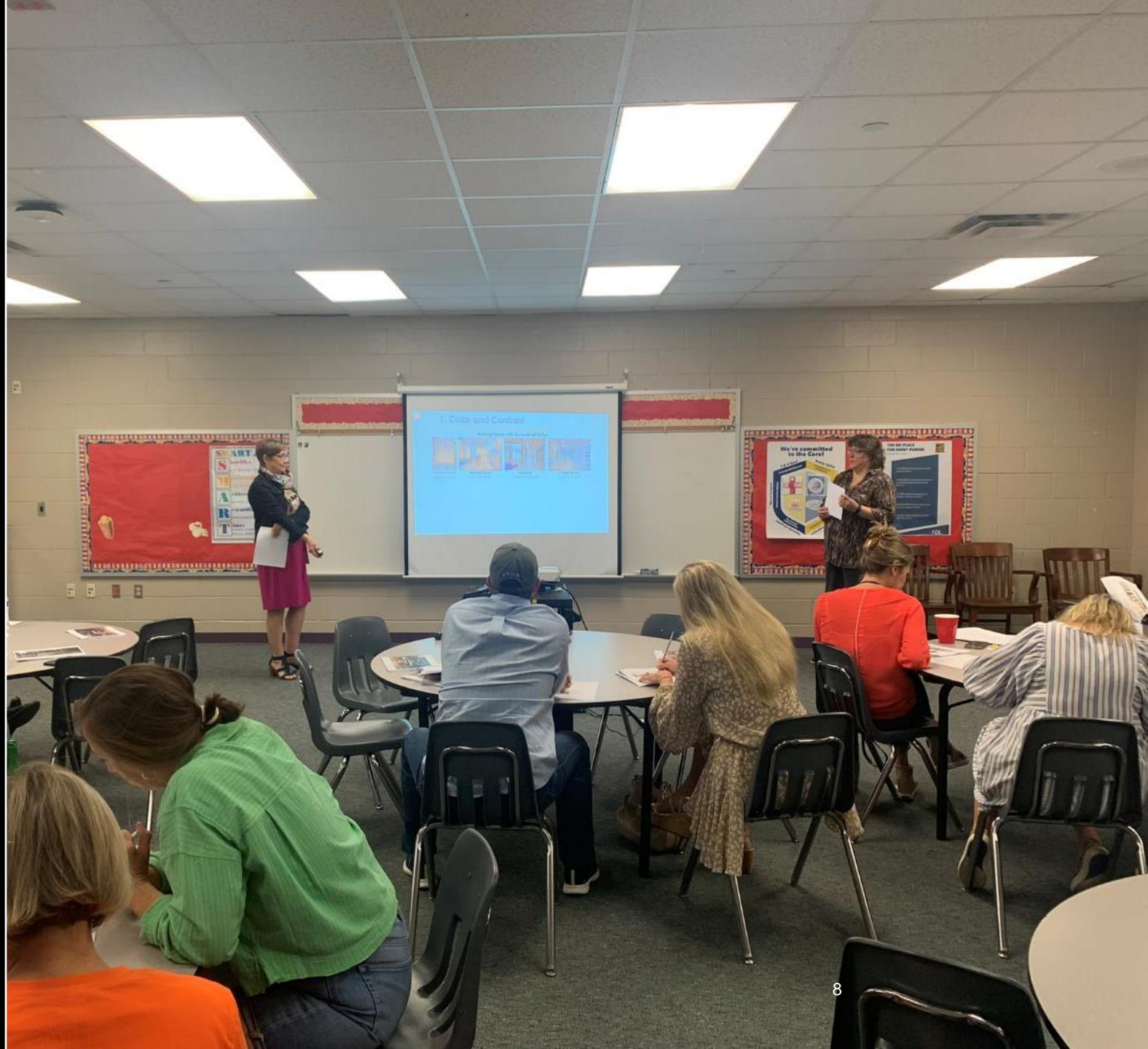
We are here





Item 2

PAT MEETING #6
Exterior Expression
Recap + Design Progress





Reminder: PAT Mtg#2/3 Consensus → MDE Guiding Principles

Engage the Intimate Natural Setting

Maintain the small neighborhood school character that engages the natural setting with views and access to outdoor areas.

Celebrate our MDE Community

Support and promote a caring close-knit family environment that fosters connection among students, staff, and parents during and after school.

Perpetuate Our Traditions

Keep the qualities of tradition, community and family in the new design with active hands-on teaching and learning spaces indoor and outdoor.

Demonstrate Our Values

Focus on building student character and promoting the development of the individual as a future citizen.



Reminder: **PAT Mtg#4/5 Consensus** → **MDE Design Principles**

1. Shaded by mature oak and pine trees,
the new Memorial Drive ES blends into the landscape.
2. The **balanced geometric forms** are expressed through a
limited range of natural materials in a neutral palette.
3. The **horizontal composition and large windows** with
ample views into the school **create a welcoming invitation**
to the neighborhood students, staff and community.
4. The **informal plan in the central courtyard** reflects
natural patterns that **complement the wooded setting.**
5. With **clean and simple lines**, the **multi-dimensional** design
feels **open, airy and light.**



PAT Mtg#6: Design Recommendation

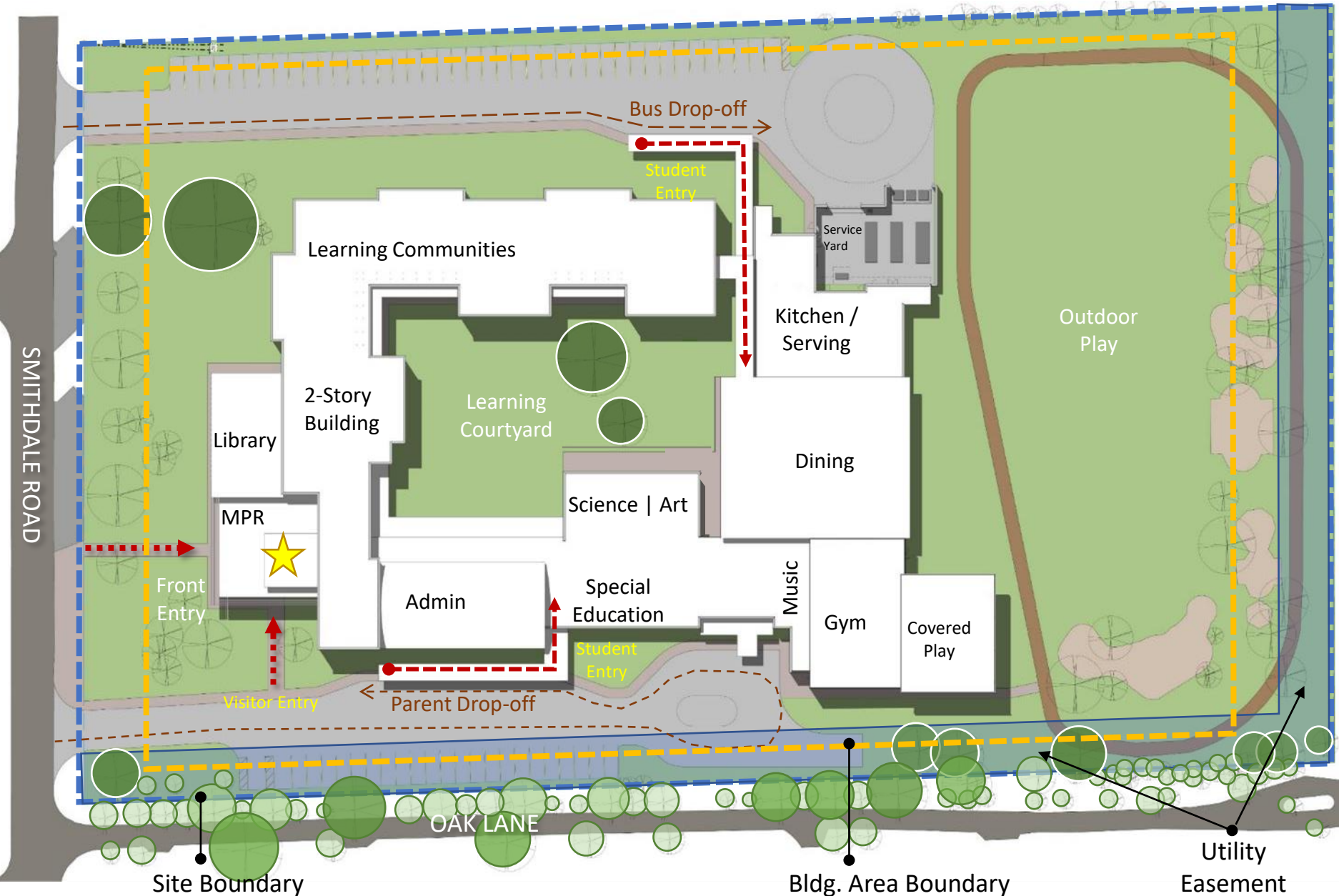
MDE Design Development Site Plan Overview

Piney Point Lot Coverage Criteria
30% Building / 20% Site Elements

Site Plan Overview

Visitor Entry / Front Plaza
Parent drop-off / Student Entry
Bus drop-off / Student Entry

Front Door \ Administration
Library & Multi-Purpose Room
2-story Learning Communities
Special Education
Science | Art | Music
Dining | Serving | Kitchen
Gym | Covered Play
Outdoor Play





PAT Mtg#6: Design Recommendation

MDE Design Development Floor Plan Overview

Design has been reviewed
by the major stakeholders:

MDE Campus

- Instructional Leaders
- Librarian
- Administration

PAT Committee

- Library Services
- Special Education

District Departments

- Library Services
- Special Education
- Child Nutrition Services
- Transportation
- Police / Security





PAT Mtg#5 Recap: PAT Feedback | Exterior Expression



We continue to build upon the PAT Consensus:
What we heard in Mtg5 Input → Mtg6 Updates

Consensus: Achieved! Design heading in the right direction

- **Trees** are the feature.
- New Memorial Drive ES **blends into the landscape.**

Positive Feedback: Support Guiding + Design Principles

- **Balanced geometric forms** are expressed through a **limited range of materials** in a **neutral palette.**
- The **horizontal composition** and large **windows** with ample **views** into the school create a **welcoming invitation** to the neighborhood students, staff and community.
- **Clean, simple lines** | **multi-dimensional** design

Exploration / Follow Up:

- **Brick color palette:** Consensus = neutral tones & natural material
- **Library façade:** Explore options at curtain wall window



PAT Mtg#6: Design Progress | PAT High Level Input on Exterior Expression

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.



PAT Consensus | Exterior Expression:

Composition: Informal – Casual,
Natural, Approachable

Tone & Tenor: Neutral Tones &
Natural Materials

Shape: Hybrid
Orthogonal & Geometric

Scale: Horizontal
Neutral

Materiality: Limited Range of Materials

Decisions made and direction set from PAT Committee Mtgs #1 thru #5 together influenced the design Exterior Expression

Building Shape / Forms + Exterior Finish Materials communicate the proposed exterior expression of the new Memorial Drive ES design:

- **Balanced geometric forms** are expressed through a **limited range of natural materials in a neutral palette.**
- **Masonry colors** allow the building to blend into the naturally wooded campus.
- **Material patterns and texture** help provide depth and dimensional details to the composition.
- **Wood tone under the canopy overhangs** with the slender columns create a warm, inviting welcome with a natural and approachable composition
- **Use of glass** provides views and reflects the natural sky and vegetation of the MDE campus.



PAT Mtg#6: Exterior Design Progress | View From Street

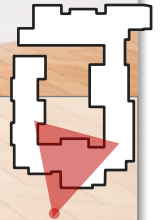
MEMORIAL DRIVE ELEMENTARY SCHOOL

Shaded by mature oak and pine trees, the new Memorial Drive Elementary School blends into the landscape.



**PAT Feedback
Influenced the
Exterior Design**

- **Trees as the Feature / Allow to Shine (Scale)**
- **Horizontal Composition Better Fits this Environment (Scale)**
- **Natural Colors Feel Clean and Simple (Shape)**



Street View



PAT Mtg#6: Exterior Design Progress | Front Entry Plaza

MEMORIAL DRIVE ELEMENTARY SCHOOL

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.



**PAT Feedback
Influenced the
Exterior Design**

- Limited Mixture of Materials that Blend with Landscape (Materiality)
- High Areas of Informal Entry (Composition)
- Simple with Bold Entry (Shape)

Front Entry Plaza





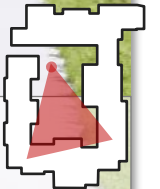
PAT Mtg#6: Exterior Design Progress | Learning Courtyard

The informal plan in the central courtyard reflects natural patterns that complement the wooded setting.



**PAT Feedback
Influenced the
Exterior Design**

- Brings a feel of comfort, Complements Nature (Materiality)
- Large Glass Windows (Materiality)
- Pops of Accents (Materiality)

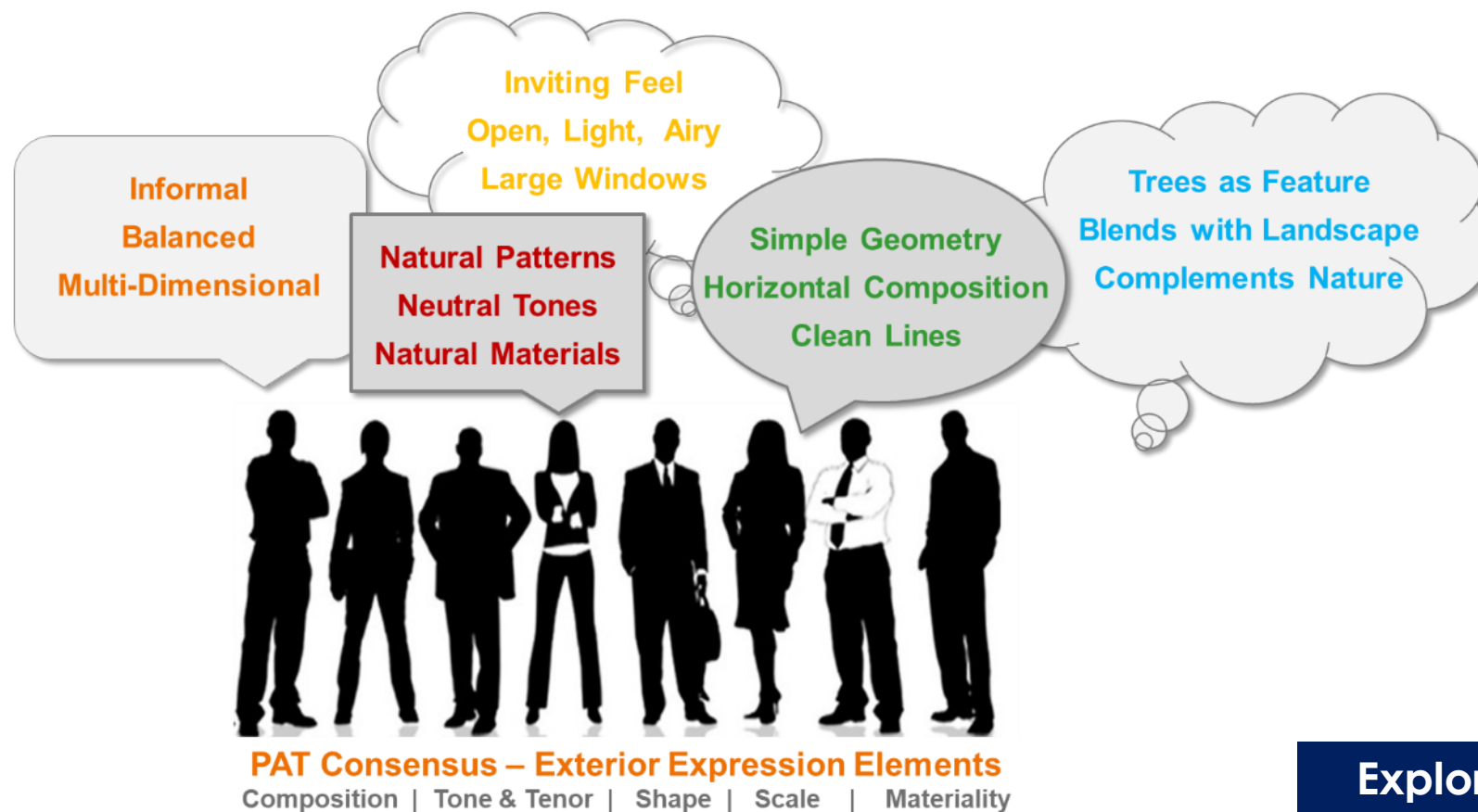


Learning Courtyard View



PAT Mtg#6: PAT Engagement | Exterior Expression Options

PAT Input



Decisions made
and direction set from
PAT Committee Mtgs #1 thru #5
together influenced the design
Exterior Expression

Explore Options, Seek Consensus

PAT Mtg #5 - Exploration / Follow Up:

1. **Brick color palette options** for building exterior **2 Options** = Select One
2. **Library Façade options** at curtain wall window..... **3 Options** = Select One

PAT Mtg#6 = Seek Consensus:



PAT Mtg#6: PAT Engagement | Brick Palette: Option A – Front Entry

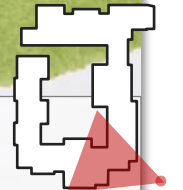
MEMORIAL DRIVE ELEMENTARY SCHOOL

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.



**PAT Feedback
Influenced the
Exterior Design**

- **Limited Mixture of Materials that Blend with Landscape (Materiality)**
- **High Areas of Informal Entry (Composition)**
- **Simple with Bold Entry (Shape)**



Front Entry Plaza



PAT Mtg#6: PAT Engagement | Brick Palette: Option A – West Façade

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.



**PAT Feedback
Influenced the
Exterior Design**

- Limited Mixture of Materials that Blend with Landscape (Materiality)
- Modern / Traditional with New Warm Materials (Shape)
- Balanced, Natural Pattern (Composition)



Front Entry Plaza



PAT Mtg#6: PAT Engagement | **Brick Palette: Option A – Courtyard**

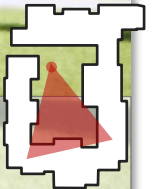
The informal plan in the central courtyard reflects natural patterns that complement the wooded setting.



**PAT Feedback
Influenced the
Exterior Design**

- **Brings a feel of comfort, Complements Nature (Materiality)**
- **Large Glass Windows (Materiality)**
- **Pops of Accents (Materiality)**

Learning Courtyard View





PAT Mtg#6: PAT Engagement | **Brick Palette: Option B – Front Entry**

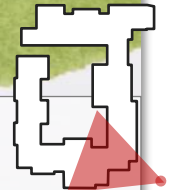
MEMORIAL DRIVE ELEMENTARY SCHOOL

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.



**PAT Feedback
Influenced the
Exterior Design**

- **Limited Mixture of Materials that Blend with Landscape** (Materiality)
- **High Areas of Informal Entry** (Composition)
- **Simple with Bold Entry** (Shape)



Front Entry Plaza



PAT Mtg#6: PAT Engagement | Brick Palette: Option B – West Façade

MEMORIAL DRIVE ELEMENTARY SCHOOL

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.



**PAT Feedback
Influenced the
Exterior Design**

- Limited Mixture of Materials that Blend with Landscape (Materiality)
- Modern / Traditional with New Warm Materials (Shape)
- Balanced, Natural Pattern (Composition)



Front Entry Plaza



PAT Mtg#6: PAT Engagement | **Brick Palette: Option B – Courtyard**

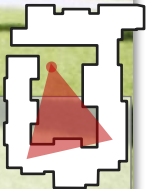
The informal plan in the central courtyard reflects natural patterns that complement the wooded setting.



**PAT Feedback
Influenced the
Exterior Design**

- **Brings a feel of comfort, Complements Nature (Materiality)**
- **Large Glass Windows (Materiality)**
- **Pops of Accents (Materiality)**

Learning Courtyard View





PAT Mtg#6 Engagement: Brick Color Palette Input

PAT Handout

Select YOUR Preferred Option

Name: _____

Natural Materials & Neutral Tones | **Lighter Color Palette** | **OPTION A:**



Natural Materials & Neutral Tones | **Darker Color Palette** | **OPTION B:**



Please help us determine PAT consensus for the Exterior Expression Option – **BRICK COLOR PALETTE**
We will continue to refine the design based on YOUR Feedback.



PAT Mtg#6: PAT Engagement | Library Façade – **OPTION A**

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.

Curtainwall Glass



**PAT Feedback
Influenced the
Exterior Design**

- Neutral and Natural Materials, Blend in Setting (Tone & Tenor)
- Modern / Traditional with New Warm Materials (Shape)
- Balanced, Natural Pattern (Composition)

Library + Front Entry





PAT Mtg#6: PAT Engagement | Library Façade – **OPTION B**

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.

Curtainwall Glass
+ Horizontal Screen



**PAT Feedback
Influenced the
Exterior Design**

- Neutral and Natural Materials, Blend in Setting (Tone & Tenor)
- Modern / Traditional with New Warm Materials (Shape)
- Balanced, Natural Pattern (Composition)

Library + Front Entry





PAT Mtg#6: PAT Engagement | Library Façade – **OPTION C**

MEMORIAL DRIVE ELEMENTARY SCHOOL

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.

Curtainwall Glass
+ Horizontal Screen
+ Vertical Columns



**PAT Feedback
Influenced the
Exterior Design**

- Neutral and Natural Materials, Blend in Setting (Tone & Tenor)
- Modern / Traditional with New Warm Materials (Shape)
- Balanced, Natural Pattern (Composition)

Library + Front Entry





PAT Mtg#6 Engagement: Library Façade Input

Name: _____

PAT Handout

Select YOUR Preferred Option

OPTION A



Curtainwall Glass

OPTION B



Curtainwall Glass
+ Horizontal Screen

OPTION C



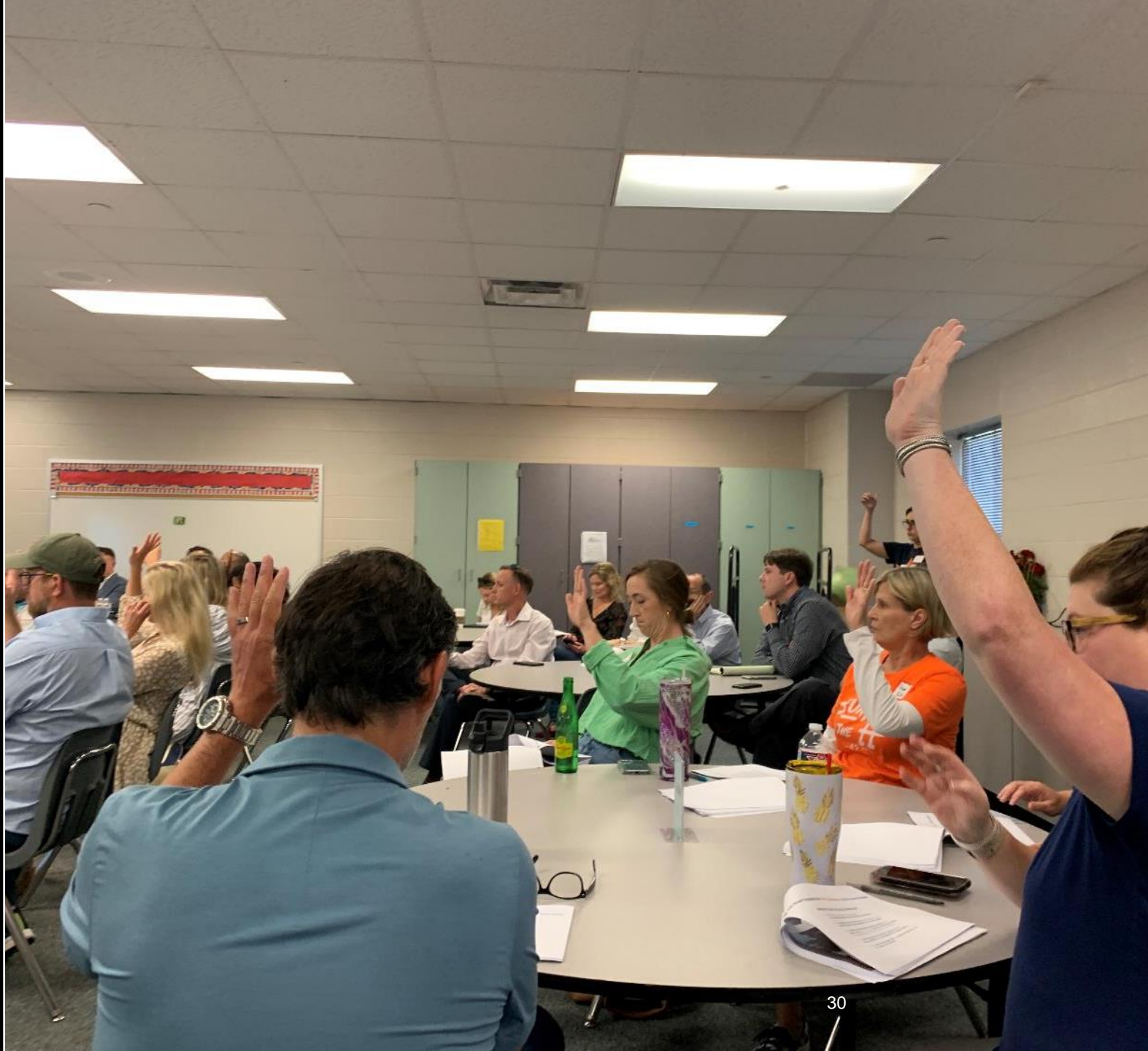
Curtainwall Glass
+ Horizontal Screen
+ Vertical Columns

Please help us determine PAT consensus for the Exterior Expression Option – LIBRARY FACADE.
We will continue to refine the design based on YOUR Feedback.



Item 3

PAT MEETING #6
Interior Expression
Recap + Design Progress

















PAT Mtg#5 Engagement: Interior Expression

Explore Interior Architectural Expression “Elements”

Walls | Floors | Ceiling | Features



Color/Contrast | Shape/Scale | Pattern/Variation | Materiality


MDE PAT Mtg #5 – Interior Architectural Expression Worksheet				
Name: _____				
Interior Design Element	Select Your Individual Preference			Comments on Images
1 Color & Contrast: How do the colors and contrast influence the character of the space?	Natural Tones w/ Accent Color 	Hybrid 	Vibrant and Full Spectrum Color 	What do you like <u>most</u> ? What do you like <u>least</u> ?
2 Shape & Scale: What kind of experience do the shapes and their scale create?	Geometric / Linear 	Hybrid 	Organic / Curvilinear 	What do you like <u>most</u> ? What do you like <u>least</u> ?
3 Pattern & Variation: How do the patterns relate to or reinforce the building design and the site?	Linear / Predictable 	Hybrid 	Natural / Random 	What do you like <u>most</u> ? What do you like <u>least</u> ?
4 Materiality: How does the material selection relate to the site, the building and the function of the interior?	Similar to Building Materials 	Hybrid 	Expanded Range of Interior Materials 	What do you like <u>most</u> ? What do you like <u>least</u> ?



PAT Mtg#5 Recap: Interior Expression PAT Feedback


1. Color and Contrast
How do the colors and contrast influence the character of the space?

Natural Tones with Accents of Color



Natural Tones High Contrast Natural Tones Low Contrast Accents Medium Contrast Color Wash Low Contrast

Vibrant and Full-spectrum Color

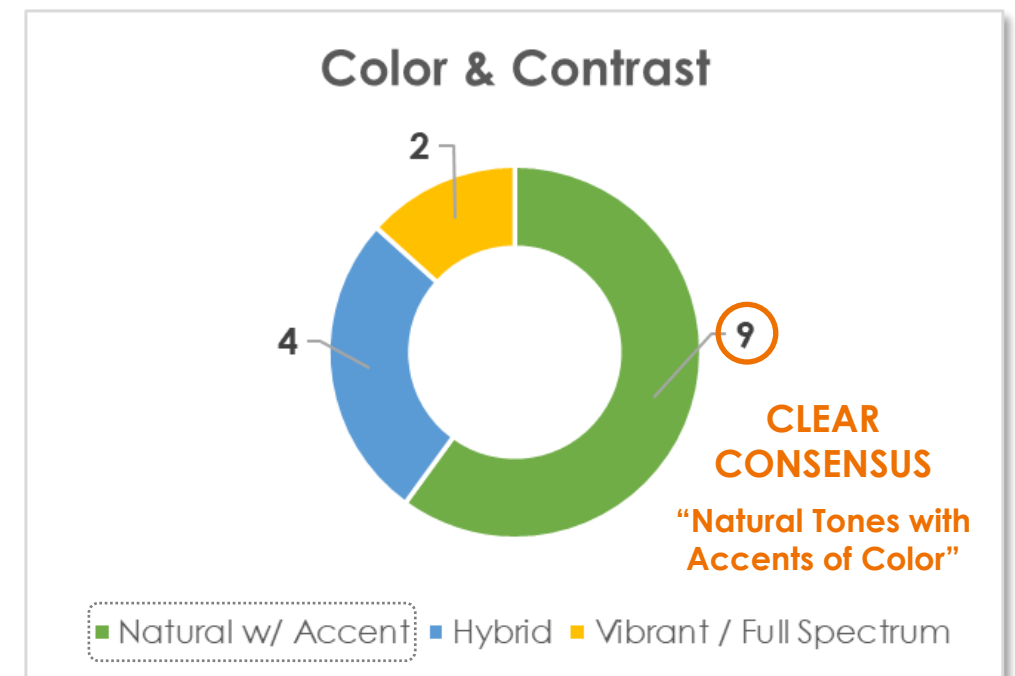


Bright Color High Contrast Bright Color Medium Contrast Saturated Low Contrast

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What Do You Like the Most?

- Interior / Exterior Connection
- Natural Elements lend a calming effect
- Color & Contrast are more fun for kids
- Tones / Contrast = Gives it a Special Feel
- Medium contrast gives color but isn't too loud
- Mostly neutral with pops of color
- Fun but not overwhelming, Simplicity



What Do You Like the Least?

- Vibrant is over stimulating, too busy, distracting
- No contrast is not interesting
- Windows in Library with Lots of Lines
- Color wash is too institutional
- Saturated / Low Contrast



PAT Mtg#5 Recap: Interior Expression PAT Feedback

2. Shape and Scale

What kind of experience do the shapes and their scale create?

Geometric and Linear



Large-scale
Rectangles



Mixed-scale
Rectangles



Large-scale
Advanced Geometries

Organic and Curvilinear



Large-scale
Single



Balance
Angular/Curvilinear



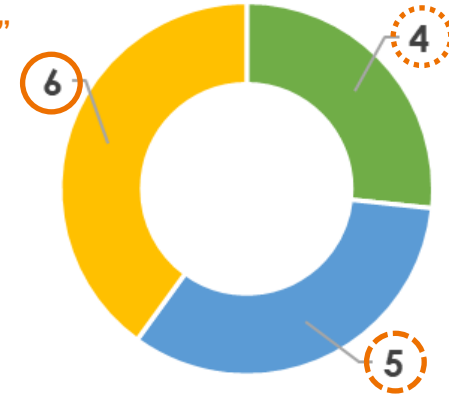
Small-scale
Multiple

BLENDED CONSENSUS

"Organic + Hybrid"

"Geometric"

Shape & Scale



■ Geometric / Linear ■ Hybrid ■ Organic / Curvilinear

What Do You Like the Most?

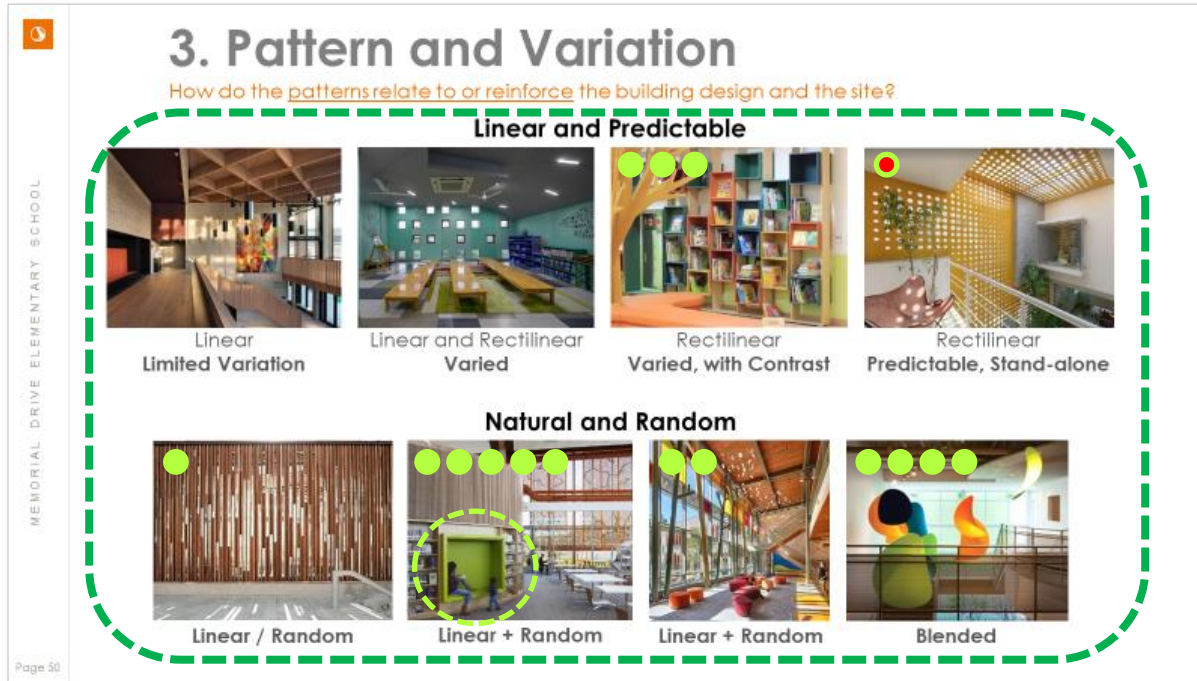
- Elements that mimic nature
- Different shapes from nature / Fluidity
- Advanced geometries seem more fun and engaging
- Angular / Curvilinear feels soothing and organic
- Organic / Curvilinear creates interest, less monotony
- Organic features bring in natural forms
- Simplicity with some variations and surprises
- Balanced, large-scale for high ceilings

What Do You Like the Least?

- Don't like Sterile
- Too many rectangles are too boxy
- Mixed scale everywhere
- Curves can waste space
- Large scale – too overwhelming
- Stairs – do not want tripping hazard

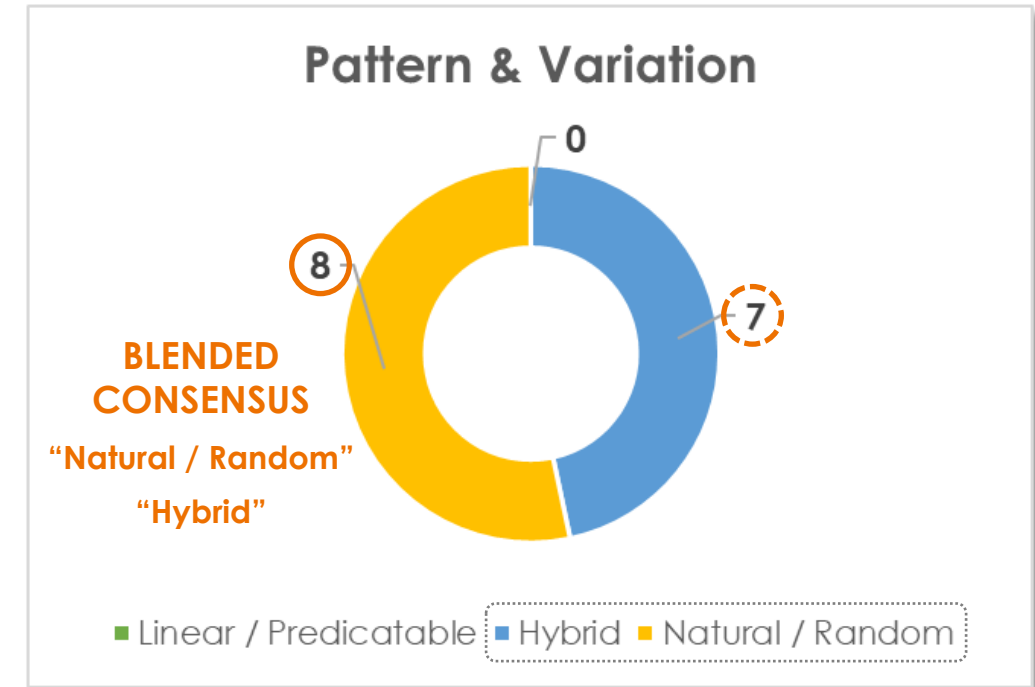


PAT Mtg#5 Recap: Interior Expression PAT Feedback



What Do You Like the Most?

- Natural & Random - Interplay of Wood and Glass
- Linear + Random – Feels like In a Forest
- Linear + Random - Multicolor & Texture
- Linear + Random – Offers opportunity for variation
- Clean, predictable, balanced lines + added color
- Simplicity with some variations
- Pops of Shape and Color, but not too modern
- Blended image is beautiful, calming, welcoming



What Do You Like the Least?

- Predictability and Monotony
- Bright Colors + Hard Shapes / Lines
- Colors = Too many / Too bright
- Rectangles = Only / Too many



PAT Mtg#5 Recap: Interior Expression PAT Feedback

4. Materiality

How does the material selection relate to the site, the building and the function of the interior?

Similar to Building Materials



Glass, Metal, Masonry



Glass, Metal, Wood, Masonry



Glass, Metal, Tile, Stone

Expanded Range of Interior Materials



Glass, Metal, Wood, Stone, Tile



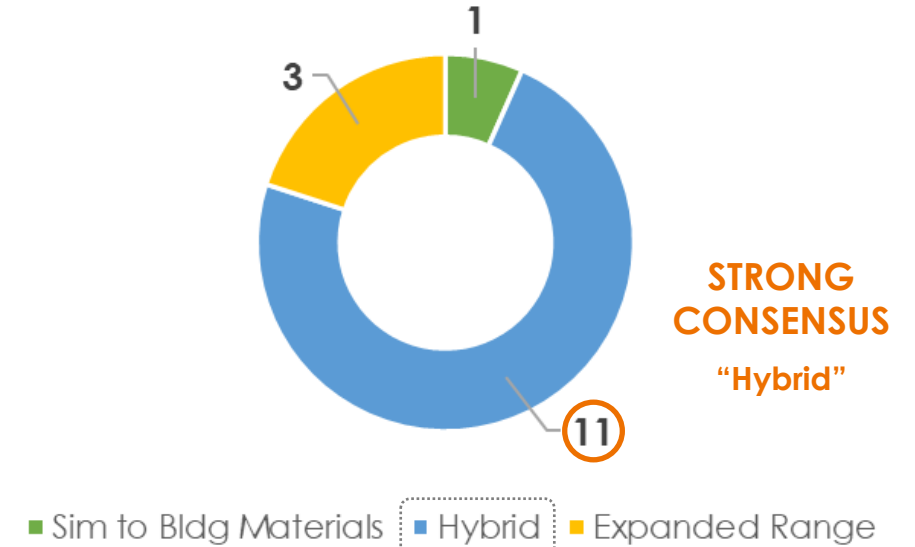
Masonry, Wood, Carpet, Textiles



Wood, Tile, Polished Floor, Textiles

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Materiality



What Do You Like the Most?

- Wood / Stone with other materials for Pop / Texture
- Wood + Carpet/Textiles + Acoustic design elements
- Connect = Exterior materials + Interior textiles, color
- Common Areas = Textiles - Softer pops of color
- Classroom = Soothing, Calming
- Variation, variation, variation

What Do You Like the Least?

- Floors - High polished, Institutional looking
- Don't feel too cold, sterile, hard
- Too much color / Too vibrant
- Bright, busy walls and floors
- Primary colors
- Fluorescent lighting



PAT Mtg#5 Results: PAT Consensus | Individual Responses



PAT Input - Results

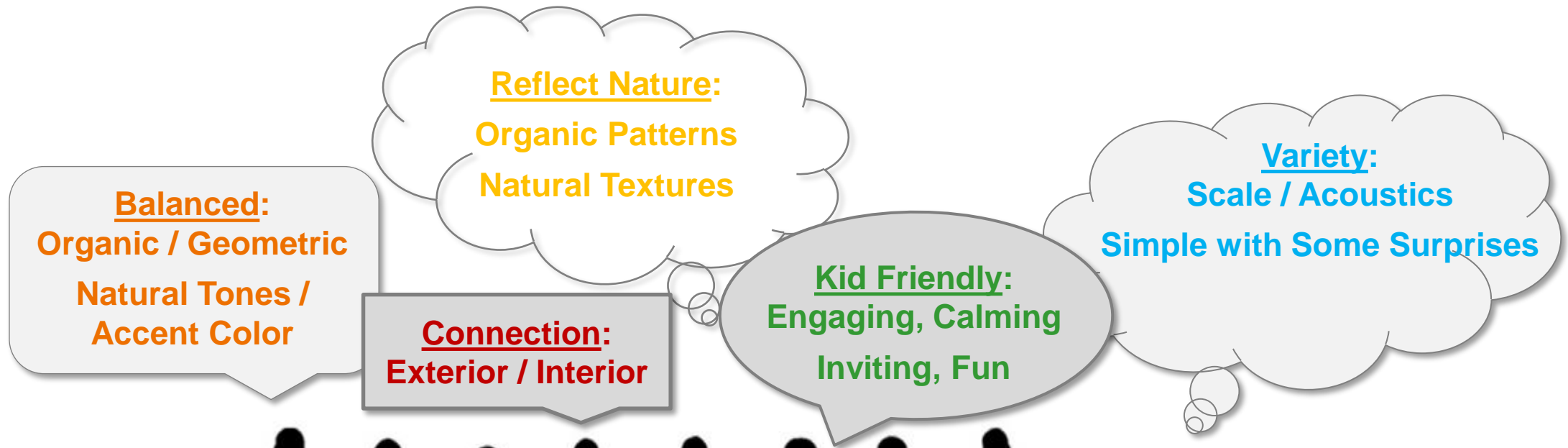
Strong Consensus
Materiality

Clear Consensus
Color & Contrast

Blended Consensus
Shape & Scale
Pattern & Variation

MDE PAT Mtg #5 – Interior Architectural Expression Worksheet				
Name: _____				
Interior Design Element	Select Your Individual Preference			Comments on Images
1 Color & Contrast: How do the colors and contrast influence the character of the space?	Natural Tones w/ Accent Color 9	Hybrid 4	Vibrant and Full Spectrum Color 2	What do you like <u>most</u> ? What do you like <u>least</u> ?
2 Shape & Scale: What kind of experience do the shapes and their scale create?	Geometric / Linear 4 Hybrid 5 Organic / Curvilinear 6			What do you like <u>most</u> ? What do you like <u>least</u> ?
3 Pattern & Variation: How do the patterns relate to or reinforce the building design and the site?	Linear / Predictable 0 Hybrid 7 Natural / Random 8			What do you like <u>most</u> ? What do you like <u>least</u> ?
4 Materiality: How does the material selection relate to the site, the building and the function of the interior?	Similar to Building Materials 1	Hybrid 11	Expanded Range of Interior Materials 3	What do you like <u>most</u> ? What do you like <u>least</u> ?

PAT Mtg#5 Results: PAT Consensus | Interior Expression

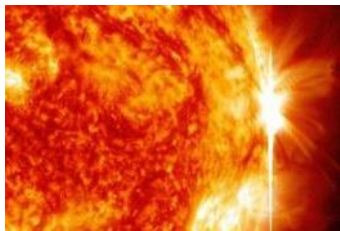


PAT Consensus – Interior Expression Elements

Color & Contrast | Shape & Scale | Pattern & Variation | Materiality



PAT Mtg#6: Design Progress | Interior Expression – Concept and Color



Memorial Drive ES Design

The proposed interior design concepts being recommended has been developed based on feedback and direction set by PAT Committee Mtgs #1 thru Mtg #5:

- Reflecting the **wooded site and the trees** featured at the entry and courtyard, the new MDE school interior design **draws inspiration from** the geometries and patterns found in **nature**.
- The palette echoes colors found in the **sun, water, plants and minerals**.
- **Biophilic design**, mimicking the natural environment, has been shown to support student success.



PAT Mtg#6: Design Progress | Interior Expression – Textures and Patterns



- **Textures and patterns** found in **nature** soften the geometry of the built environment.
- A **variety** of textures **creates visual interest** and is **fun** for PK/K-5th grade students.
- Smaller **scale** elements are **inviting** and **encourage exploration**.



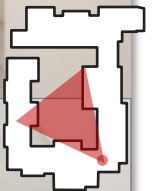
PAT Mtg#6: Preliminary Interior View | School Lobby with Courtyard View

With clean and simple lines, the multi-dimensional design feels open, airy and light.



**PAT Feedback
Influenced the
Interior Design**

- Interior materials and neutral palette repeat the building exterior expression
- Patterns and textures drawn from nature can be found in fixtures and flooring



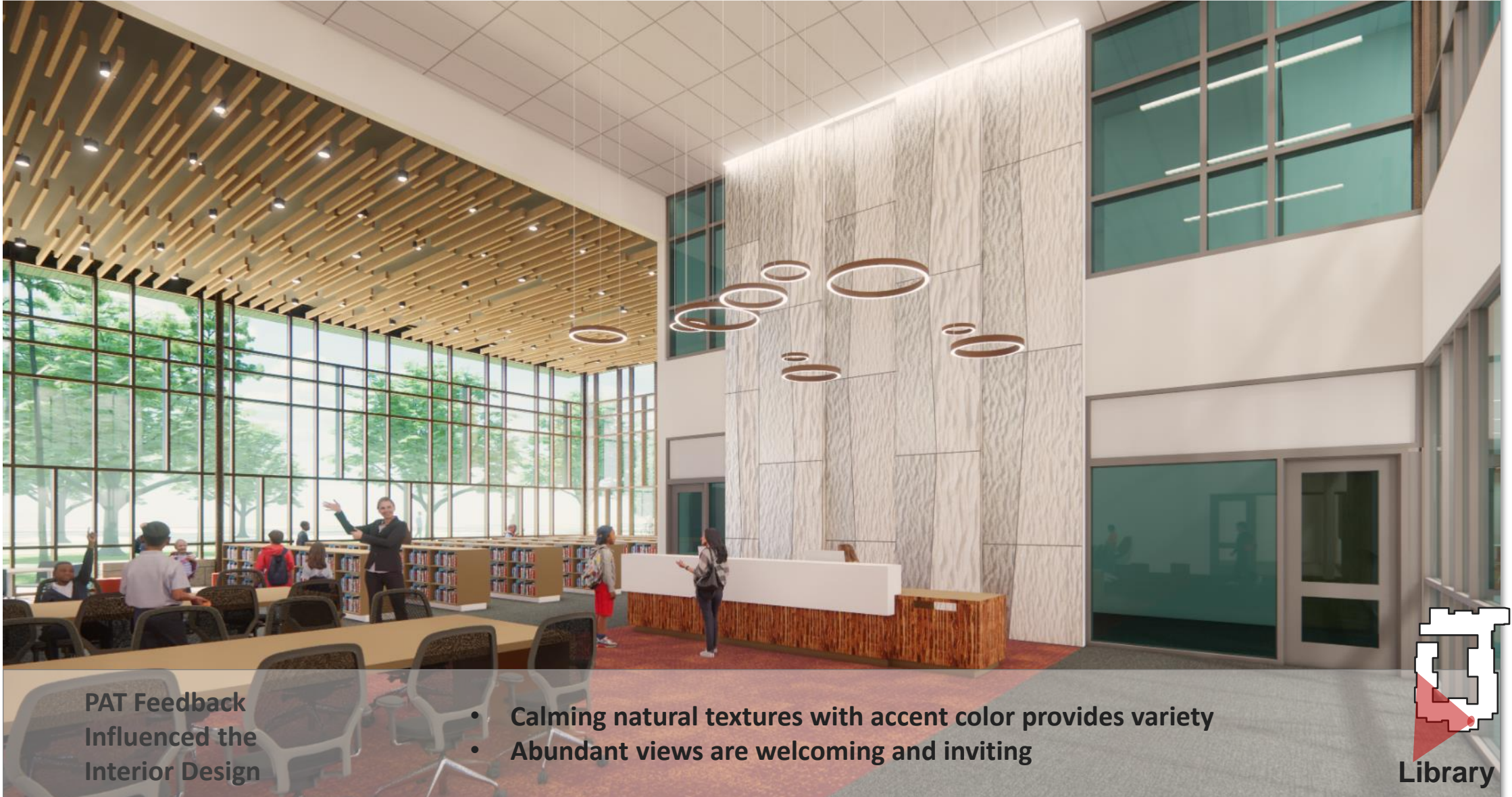
Lobby



PAT Mtg#6: Preliminary Interior View | Library with Views to Exterior

MEMORIAL DRIVE ELEMENTARY SCHOOL

Large windows provide ample views into the school creating a welcoming invitation.



PAT Feedback
Influenced the
Interior Design

- Calming natural textures with accent color provides variety
- Abundant views are welcoming and inviting



Library



PAT Mtg#6: Preliminary Interior View | Flex Space with Courtyard View

Engage the natural setting with views and access to outdoor areas.



**PAT Feedback
Influenced the
Interior Design**

- Full spectrum color provides variety and identifies grade levels
- Simple organic patterns are fun and engaging



Flex Space



PAT Mtg#6: Preliminary Interior View | Flex Space with Courtyard View

MEMORIAL DRIVE ELEMENTARY SCHOOL

The informal plan in the central courtyard reflects natural patterns that complement the wooded setting.



**PAT Feedback
Influenced the
Interior Design**

- Variety in scale invites exploration
- Views to the courtyard encourage engagement with the environment



Flex Space



PAT Mtg#6: Preliminary Interior View | Dining Space with Courtyard View

MEMORIAL DRIVE ELEMENTARY SCHOOL

The informal plan in the central courtyard reflects natural patterns that complement the wooded setting.



**PAT Feedback
Influenced the
Interior Design**

- Acoustic consideration supports functional requirements
- Material selection reinforces activities and MDE identity



Dining



Name: _____

Does the Interior Design Progress Respond to the MDE Design Principles?



1. Shaded by mature oak and pine trees, **the new Memorial Drive ES blends into the landscape.**
2. The **balanced geometric forms** are expressed through a **limited range of natural materials in a neutral palette.**
3. The **horizontal composition and large windows** with **ample views** into the school **create a welcoming invitation** to the neighborhood students, staff and community.
4. The **informal plan in the central courtyard** reflects **natural patterns** that **complement the wooded setting.**
5. With **clean and simple lines**, the **multi-dimensional** design feels **open, airy and light.**

YES

☐

NO

☐

PAT Comments: What are you most excited about regarding the Interior Expression design progress?



Item 4

Seek PAT Final Consensus
SD/DD Recommendation
+ Next Steps





PAT Mtg#6 Engagement: Final Consensus Support

Name: _____

PAT INDIVIDUAL VOTE

Provide YOUR Individual Support



New MDE - Proposed Design Recommendation

Please help us confirm we have achieved consensus approval of the design we have presented to you through the Project Advisory Team process. This will serve as the recommendation to be presented to the Board of Trustees.

PAT Member Name:

Signature of PAT Member



I Do Support
the recommendation

...I Do NOT Support the Recommendation for the following reason(s)



PAT Meeting #6 – Closing Remarks | What's Happening Next?

THANK YOU to our PAT Committee for
YOUR participation and involvement on the
proposed Design of the NEW Memorial Drive ES!



**Upcoming Presentation:
You're Invited!**

**New Memorial Drive ES
Design Recommendation**

**Presentation
to
SBISD Board of Trustees**

June 6, 2022