BAC / CAC – Bond Update

September 21, 2020
INTRODUCTION

AGENDA

• CFB – Life of a Bond Project (10min)
• LPA – McWhorter & Sheffield (15min)
• Huckabee – Field & Turner (15min)
• VLK – Perry (15min)
• LPA - Smith (10min)
• Intermission (2min)
• CFB & LPA – Ed Spec and Vision (20min)
• CFB - Review remaining work (5min)
• Questions and Answers (15min)
LIFE OF A BOND PROJECT
ROOTS CAPITAL PLANNING
*2018 Bond
*Collaborative Vision 2030
*BAC Facility Assessments
*Security Assessment

ROOTS PARTNERS
*Campus Stakeholder Committee
*BAC
*Architects

Hire Design Partner
TRUNK
PRE-DESIGN (CONCEPT)
* Program Documents
* Concept Diagrams
* Project Estimate

ROOTS
CAPITAL PLANNING
* 2018 Bond
* Collaborative Vision 2030
* BAC Facility Assessments
* Security Assessment

TRUNK
PARTNERS
* Architects & Design Partners
* Campus Stakeholder Committee
* Focus Groups
* Facility / Maintenance
* CMAR

ROOTS
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Hire Design Partner
Hire Construction Partner
TRUNK
PRE-DESIGN (CONCEPT)
*Program Documents
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*Project Estimate

MAJOR BRANCHES
SCHEMATIC DESIGN
*SD Booklet
*Project Estimate

SECONDARY BRANCHES
DOCUMENTATION (DD & CD)
*Construction Documents
*GMP

SECONDARY BRANCHES
PARTNERS
*Architects & Design Partners
*Campus Stakeholder Committee
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*CMAR

MAJOR BRANCHES
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ROOTS
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Hire Design Partner
Hire Construction Partner
TRUNK

PRE-DESIGN (CONCEPT)
- Program Documents
- Concept Diagrams
- Project Estimate

Hire Design Partner

Hire Construction Partner

LEAVES & FRUIT

CONSTRUCTION
- Facility Construction

SECONDARY BRANCHES

DOCUMENTATION (DD & CD)
- Construction Documents
- GMP

SECONDARY BRANCHES

PARTNERS
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- CMAR

MAJOR BRANCHES

SCHEMATIC DESIGN
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- Project Estimate

MAJOR BRANCHES

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ROOTS

PARTNERS
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- Architects
**McWhorter ES**

**10** DOCUMENTATION (DD & CD) MEETINGS

September – December 2019
- Weekly Design Meetings
- 4 Design Review Presentations
- Board Presentations (10/3, 11/7, 12/5, 1/5/20)
- BAC Presentation (11/13)

**8+** SCHEMATIC DESIGN WORKSHOPS

August 2019
- Design Review Meetings (4)
- City Jurisdiction Meetings
- Teacher Design Meeting
- Community & PTA Presentation
- Board Presentation 9/5
- Coordination Meetings

**14** BAC & CAC PRESENTATIONS

January – July 2019 6 CAC Meetings & 8 Board Meetings
- June Board / BAC Workshop

**10** PRE-DESIGN DISCUSSIONS

June – July 2019
- Educational Space Programming (Library, Dining, Wayfinding)
- MEP, Roofing, Technology Meeting
- School Leadership
- Environmental Committee
- Site Walks

**CONSTRUCTION**

Weekly Meetings
Campus Walks & Board/BAC Updates
Overview Project Schedule

Pre-Design / Programming
Schematic Design
Design Development
Construction Documents
Permitting
Construction
Occupancy

Fall 2020 move in!
Systems Updates

- Replacing Existing Camera Systems
- Card Readers
- Video Intercom
- Burglar Alarm
- Bell/Clock/PA

Design Improvements

- Exterior Reimaging
- Landscaping Improvements
- Bollards at Entry
- Library Design Updates and Innovation Center
- Corridor Improvements
- Administrative Office Improvements
- Dining Commons/Cafeteria/Gymnasium Improvements
- New Marquee
McWhorter ES | Results

**Inspiration**

**Wayfinding**

**Brand**

**Exterior Improvements**
CONSTRUCTION
Starting Construction Phase November 2020

14 BAC & CAC PRESENTATIONS
January – July 2019 6 CAC Meetings & 8 Board Meetings
Monthly BAC Meetings

13 SCHEMATIC DESIGN WORKSHOPS
September – December 2019
4 Design Review Meetings
7 Focus Group Meetings
- Digital, Physical, Special Education, Admin, Library, Kitchen Maintenance and Technology
BAC Presentation (11/13/19)
Board Presentation (11/14/19)

6 PRE-DESIGN DISCUSSIONS
June – August 2019
BAC/Board Workshop and Architect Kick-off (06/12/19)
3 Educational Workshops (07/05, 07/19, and 8/21/19)
2 District Team Meetings (08/21, 09/05/2019)
Site Walks

20 DOCUMENTATION (DD & CD) MEETINGS
December 2019 – May 2020
Bi-Weekly Design Meetings
5 Focus Group Meetings
2 Design Review Presentations (02/17, 04/23)

BETTER PROCESS | BETTER RESULTS
Overall Project Schedule

2020

Pre-design/programming
sd
dd
cd
bidding / permitting
2021
2022
construction

move in!
July 2022

BETTER PROCESS | BETTER RESULTS

- Pre-Design / Programming
- Schematic Design
- Design Development
- Construction Documents
- Permitting
- Construction
- Occupancy
Sheffield ES | Learning Village

CURRENT Learning supported by today’s classrooms

FUTURE Learning Modalities supported by dynamic spaces

- Teacher Led Activities
- Student Collaboration
- Art-Based and Design Thinking
- Play, Movement & Naturalistic Learning
- Tinkering & Making, Virtual & Blended Learning
- Independent Study, Inquiry-based Learning
- Teacher Inter-Disciplinary Collaboration

Design with the Student in Mind®
Sheffield ES | CFB Elementary Way

3 Teams: Principals, Teachers, Staff
Elementary School Create Your Own Campus Activity
   - Campus Adjacencies
   - Circulation Analysis
   - Outdoor Utilization & Spaces
   - Student Experience
Community Engagement

Stakeholder Authorship
Sheffield ES | Preliminary Site

- **Learn** | seating, tables, outdoor classroom, writable
- **Create** | outdoor art & science, group seating, shade
- **Explore** | service garden, drinking fountain, nature
- **Play** | hardcourts, imaginary play, play structure, mpf
- **Meet** | amphitheater and stage, campus courtyard, dinning and shared spaces off commons
Floor Plan

- 1st Grade
- 2nd Grade
- 3rd Grade
- 4th Grade
- 5th Grade
- Kinder
MORE THAN ARCHITECTS
FOR CARROLLTON-FARMERS BRANCH ISD

ANDRE
HUCKABEE

MATT
JACKSON
CONSTRUCTION
VIVIAN FIELD MIDDLE SCHOOL

CONSTRUCTION UPDATE
BAND HALL

SUMMER 2020
QUAD POD

CONSTRUCTION

AFTER

FALL 2020
VIVIAN FIELD MIDDLE SCHOOL
ENTRANCE
R.L. TURNER HIGH SCHOOL

CONSTRUCTION UPDATE
WELCOME BACK STUDENTS!

R.L. TURNER HIGH SCHOOL
VET MED

The Vet Med renovation creates a real world learning environment. This space is designed with a control lab space surrounded by different program spaces found in a veterinary clinic. Students will have the ability to experience learning at a check out desk, exam room, laboratory, interior feedlot area, exterior dog run, prep/recovery room, and operating room.

Huckabee

Jackson
GRAND VISION: TURNER HIGH SCHOOL
PERRY MIDDLE SCHOOL ADDITIONS & RENOVATIONS

OUR TEAM

CLINTON SCHIVER
PRINCIPAL IN CHARGE

DALANE BOUILLON, Ed.D.
PRINCIPAL OF EDUCATIONAL PLANNING

CHRISTIAN OWENS
PRINCIPAL - EDUCATION DESIGN PRACTICE LEADER

MICHAEL VOIT
PROJECT DIRECTOR

CHRIS ORTIZ
PROJECT DESIGNER

KENT LEACH
PROJECT ARCHITECT

CORTNEY ELLIOT
INTERIOR DESIGNER
MAJOR BRANCHES

SCHEMATIC DESIGN
• Up to four meetings are planned for Schematic Design
• Focus Groups: TBD, but anticipated to include Admin, Library, Special Ed, Fine Arts, Athletics, Classrooms/Villages

TRUNK

PRE-DESIGN (CONCEPT)
• VLK | Curation – Meeting with District Administration
• Student Voice Meeting – 11 Participants
• VLK | Launch – 33 Participants in Day 1

ROOTS

CAPITAL PLANNING
• BAC – 8 Community members meeting every month
• CAC – 6 Meetings from Jan – July
PROJECT GOALS
WHERE WE’VE BEEN
VLK | CURATION®
TYPOLOGY OF SPACES
STUDENT & COMMUNITY INVOLVEMENT
WHERE WE ARE GOING
Respecting the History of the Community

Modernization of the Middle School Learning Environment

Community and Student Involvement in the Design Process
PERRY MIDDLE SCHOOL ADDITIONS & RENOVATIONS
WHERE WE’VE BEEN

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>VLK I CURATION®</td>
<td>APR 15, 2020</td>
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<tr>
<td>STUDENT VOICE MEETING</td>
<td>APR 29, 2020</td>
</tr>
<tr>
<td>VLK I LAUNCH® DAY 1</td>
<td>SEP 01, 2020</td>
</tr>
<tr>
<td>VLK I LAUNCH® DAY 2</td>
<td>SEP 18, 2020</td>
</tr>
<tr>
<td>SCHEMATIC DESIGN</td>
<td>SEP-OCT 2020</td>
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<tr>
<td>VLK I PIXEL® PROCESS</td>
<td>OCT 2020-FEB 2021</td>
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<tr>
<td>DESIGN DEVELOPMENT</td>
<td>OCT 2020-JAN 2021</td>
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<tr>
<td>CONSTRUCTION DOCUMENTS</td>
<td>JAN-MAR 2021</td>
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<td>OUT FOR PROPOSALS</td>
<td>APR 2021</td>
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<tr>
<td>START OF CONSTRUCTION</td>
<td>MAY 2021</td>
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<tr>
<td>CONSTRUCTION COMPLETION</td>
<td>FEB 2023</td>
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</table>
VLK | CURATION® is our thorough process of action research with the school district. Our Principal of Educational Planning, Dalane Bouillion, Ed.D. uses district data such as strategic plans, innovative district plans, goals for curriculum and instruction, current instructional methodologies, academic programs, and state data.

Using a district leadership focus group, and a highly collaborative process, we dialogue about teaching and learning via a Curriculum and Instruction Design Planning Questionnaire. We also use a learning organization tool to discern the current status of the district’s belief system, as well as the intentions for growth, improvements, and educational changes. VLK Architects also uses a simple teacher observation protocol to study the learning styles of students in the district. Through simple statistics, we can discern the types of spaces that will be most beneficial for learners based on the results of these tools. The outcomes of VLK | CURATION® form the foundation that will drive all aspects of design.
# PERRY MIDDLE SCHOOL ADDITIONS & RENOVATIONS

**VLK | CURATION® STUDENT LEARNING STYLES**

<table>
<thead>
<tr>
<th>LEARNING STYLES</th>
<th>TOTAL</th>
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<tbody>
<tr>
<td>Visual</td>
<td>16%</td>
</tr>
<tr>
<td>Auditory</td>
<td>7%</td>
</tr>
<tr>
<td>Tactile/Kinesthetic</td>
<td>10%</td>
</tr>
<tr>
<td>Visual &amp; Auditory</td>
<td>18%</td>
</tr>
<tr>
<td>Auditory &amp; Tactile/Kinesthetic</td>
<td>7%</td>
</tr>
<tr>
<td>Visual &amp; Tactile/Kinesthetic</td>
<td>17%</td>
</tr>
<tr>
<td>Visual, Auditory &amp; Tactile/Kinesthetic</td>
<td>25%</td>
</tr>
<tr>
<td><strong>T/K Aggregate</strong></td>
<td><strong>59%</strong></td>
</tr>
</tbody>
</table>

1,030 Middle School Students from CFB ISD were Observed
STUDENT VOICE MEETING

Do you prefer to learn on your own, in small groups, or as a large class? How does the classroom design support or prevent your preference?

“Smaller groups, [be:]cause with too many people the ideas could clash and some people aren’t really comfortable with that. Many people and small groups, there’s a specific amount of people you can share and talk. So not too big. It’s nice looking at different perspectives of learning and you can do how you learn.”

I like environments that are comfortable and that allow students to support/interact with each other.
How do you like to learn?
“I think it would be more beneficial if we have more than one board. Just one big board in the center of the room so that way maybe other kids could be trying to explain to other classes on a different board in the corner of the room.”

In which classrooms do you learn the most (think physical space)?
“I’m usually sitting individually like at a single desk so I can always lean over and ask a classmate. But I definitely, I like sitting in groups and I like working with other people when I’m doing class.”

“I like the idea where I could be able to move around the classroom and learn where I want to learn.”

“My favorite setup of a classroom is where it’s really spacious and open and I can move around.”

Where do you prefer to do classwork?
“So we have this courtyard that’s in the center of the school and I love working outside because I like the breeze and sun and it’s really nice to have an open sky above you. We hardly ever get to go there to work. Natural light is often a really big factor in keeping morale up because it makes you feel good, so it’s nice to work there.”

Do you prefer to learn on your own, in small groups, or as a large class? How does the classroom design support or prevent your preference?
“Smaller groups, [be-]cause with too many people the ideas could clash and some people aren’t really comfortable with that. Many people and small groups, there’s a specific amount of people you can share and talk. So not too big. It’s nice looking at different perspectives of learning and you can do how you learn.”

Involved Dr. Chapman’s Student Advisory Council Middle School Members
VLK Architects’ Virtual VLK LAUNCH® is a two-day process of virtual meetings that CFB ISD students, parents, teachers, administrators, and community leaders participated in through live digital platforms hosted by VLK Architects.

I enjoy the community aspect and the “openness”. I chose the critical thinking because I feel that is something extremely important for Middle School age children to develop.

Spaces for co teaching can open up opportunities for collaboration among all content areas.

Can we make the courtyards more “useful” with tables, benches, etc so they can be used for studying and socializing rather than what they are now?
Prior to the first committee meeting, Carrollton-Farmers Branch ISD will determine staff, students, administration, and community members to be involved in the process. Each of the following meetings will last approximately two hours.

1. **Brand Visioning & Research Review**
   - During this meeting the Branding Committee learns about branding, receives project details, and is provided the research information that has been collected. Further discussion regarding the information is completed and committee members are provided research homework to research additional timeline details and artifacts origin.
   - **Community Survey:** What does Carrollton HS / DeWitt Perry MS mean to you?

2. **Visual Ideation**
   - During Visual Ideation, committee members report information that they were able to discover through their research. They will determine which artifacts are sacred to their brand and need to be sustained in the new facility. The committee will also discuss district approved components of the graphics package (i.e. Logo, Mascot, Colors).
   - **Committee Survey:** Establishing consensus of the brand and visual ideation

3. **Brand Consensus**
   - In this third meeting, the results from surveys are presented to the committee for final decisions and consensus for recommendations and consideration by the district.
PERRY MIDDLE SCHOOL ADDITIONS & RENOVATIONS
WHERE WE ARE GOING

SCHEMATIC DESIGN KICK-OFF
REVIEW NO. 1
REVIEW NO. 2
FINAL SCHEMATIC DESIGN

SEP 23, 2020
OCT 01, 2020
OCT 08, 2020
OCT 20, 2020
January – July 2019
6 CAC Meetings & 8 Board Meetings

June Board / BAC Workshop

June Board / BAC Workshop

Smith HS

CONSTRUCTION
Starting Construction Phase March 2021

14 BAC & CAC PRESENTATIONS

10+ DOCUMENTATION (DD & CD) MEETINGS
August 202 – March 2021
2 Design Development Meetings (08/26, 09/10/2020)
6 Focus Group Meetings
- Library, Principal, AV, Auditorium and (3) CTE

9 SCHEMATIC DESIGN WORKSHOPS
June - August 2020
4 Schematic Design Meetings (06/15, 07/06, 07/13, 07/27/2020)
4 Focus Group Meetings
- Library, CTE, Auditorium and Culinary Structural Review (08/24/2020)

7+ PRE-DESIGN DISCUSSIONS
Kick-Off Meeting (02/27/2020)
2 Programming and Pre-Design Meetings (04/21, 05/12/2020)
1:1 Visioning Meetings (04/30, 05/11, 05/13, 05/19/2020)
- Principle, CTE, Fine Arts, Theater Scholar and Educator Surveys Site Walks

BETTER PROCESS | BETTER RESULTS
Programming Project Schedule

2020
jan feb mar apr may jun jul aug sept oct nov dec

2021
jan feb mar apr may jun jul nov dec

2023

Jan 2023

- Pre-Design / Programming
- Schematic Design
- Design Development
- Construction Documents
- Permitting
- Construction
- Occupancy

BETTER PROCESS | BETTER RESULTS
70% of scholars surveyed feel positive when they are at school

94 Participants

What is unique about Newman Smith High School?

“I think that NSHS is an absolutely wonderful community! I feel like the teachers do what they can to accommodate the students, and the students have great bonds with their teachers! Also, NSHS offers a great variety of resources and classes, so students have a great deal of freedom in their high school careers!”

“Our principal, duh”
“We need more open spaces for collaboration, student gathering and spaces that are different to encourage engagement - making students proud to attend NSHS”

- NSHS teacher

Research shows these 5 key spatial themes categorize how stakeholders understand and utilize learning environments designed for collaboration:

- apparent in purpose
- available in adjacent or proximate location
- attentive to human needs
- agile in the flexibility of use
- well-afforded in terms of building features


Survey Findings | Scholar + Educator

Which CTE programs have you participated in....

IBA: Business, Marketing, Finance
Arch, Eng. & Construction
Hospitality
Human Services
Education & Training
Research Findings – Guiding Principles

- **Spirit and Community**
- **Movement & Campus Organization**
- **Innovative & Collaborative CTE Spaces**
- **Technology & Digital Learning**
- **Human Connections with Restorative Spaces**

An environment grounded in inspiration, wellness, human connection and community.
Concept & Big Idea
Master Plan Diagram

EXISTING SCHOOL - 2nd FLR

EXISTING SCHOOL - 1st FLR

2018 BOND – 2nd FLR

FUTURE BOND – 2nd FLR
(not currently funded)

2nd Floor classroom(s) renovation to create teaching stations for 22nd Century learning, additional fine arts and athletic dept. refresh

1st floor renovation of science, fine arts, admin, sped and athletics departments, and additional site and outdoor learning space additions

1st floor CTE program expansion, library and media center renovation, auditorium upgrades, and new student entry

1st floor (not currently funded)
2018 Bond Scope

Building Improvements

New RTU
Access Control and Cameras
Climate-Controlled Server
Fire Sprinkler System Upgrades
Low Voltage Replacement
Student Entry Site Improvements
Gas Piping
Cabling
Wireless Upgrades
Phone System Upgrades

Student Entry (TBD)

Construction CTE
- Carpentry
- Construction
- HVAC

Culinary CTE
- Existing Lab to remain in place
- Cafe

STEM CTE
- Engineering Shop
- Innovation Lab & Studios

Multimedia CTE
- Adobe Creative Studio
- Interior & Fashion Design Labs

Library & Media Center
- Assembly Stair Space
- VR 360 Space & Starbooks
- Collaboration & Study Spaces

Auditorium / Fine Arts
- Lobby Visual Upgrade
- Auditorium sound system upgrade & carpet refresh
- Stage rigging & lighting upgrade
Process of Discovery

Department Led Discussions

- Welcome - Lobby
  1. Existing point of arrival
  2. New Refreshing Atrium
  3. New LED lighting upgrade
  4. New balcony stair railing

- Experience - Theatre
  1. Sound System Upgrade
  2. New ceiling lighting, chandeliers
  3. New carpet/lining throughout, millwork (create forward)

- Platform - Stage
  1. Electrical & Theatrical Lighting
  2. New Stage (Complete)
  3. New Stage-Platform

- Future Work
  1. New Entrance for Collinwood Annex
  2. Locking doors at top lobby doors
  3. New scientific work places within auditorium
  4. Updated fire alarms
  5. Behavioral light up at stage

Virtual Tours

- Online Laser Scanning/Design
- New and enlarged stage space - bump from upper area
- New upper level entrance
- New lighting and new front desk areas
- Low maintenance on new upper level space
- New and improved fire alarm system

Focus Group Engagement

- Cyber Safe for cybersecurity
- Storage requirements or existing lock to be utilized for second storage, etc. - drop off and pick up areas
- New space dedicated to drop off and pick up areas
- New bathrooms
- New and improved design that stays on the first floor, these spaces will allow for increased safety and security

and more...
New Student Entry Experience

New extended shade structure at new student entry to the run the length of the existing sidewalk/building to the new entry

New tree canopy cover to the north of the shade structure for natural shade alongside bus cueing and connecting to the new shade structure

New student entry to have new structural canopy at full glass storefront
INTERMISSION
CFB – Facilities

- Integrated facilities into the learning experience
- Develop a road map that ensures continued improvement for all our facilities
- Establishes districts standards and equity amongst campuses

Tree rings show the impact of time
The environmental constraints and out comes
5 Large projects: Turner, Field, Sheffield Smith, Perry
Recapitalize on success of new baseline to maximize rate of growth for smaller projects
ES Program Study | 22nd Century Learning

**DESIGN GUIDELINE WORKSHOPS**
July – August 2019
Overarching Workshops to define:
- Goals for 22nd Century Learning
- Alignment with Future Learning Modalities
- Analysis of Qualitative & Quantitative Design Guidelines
- Tours with Librarians across the District

**PROGRAM DISCUSSIONS**
June – July
Understand Program compared to the Facility Condition
How well does the Facility FIT the current and future education goals

**BAC & CAC PRESENTATIONS**
January – July 2019 6 CAC Meetings & 8 Board Meetings
June Board / BAC Workshop

**BETTER PROCESS | BETTER RESULTS**
WORKSHOP 1: DISCOVER
- Process Overview
- Discovery of Students
- Learning Modalities
- Learning Space Journey

WORKSHOP 2: EXPLORE
- Our Students Are…
- Instructional Shifts
- Experience Mapping
- Program Opportunity

WORKSHOP 3: PERSONALIZE
- Guiding Principles
- Student Characteristics
- Program Ed Spec
- Uniquely CFBISD
Elementary School Educational Suitability | Program Study

qualitative + quantitative
**Elementary School Educational Suitability | Program Study**

**Current Scope**
- 2 months
- **Data Collection**
  - Obtain Enrollment Data
  - As-Built(s) Collection
  - Program/Space Ratios
  - Record Dwg Scanning
- **Facility Review**
  - First Stage Site Survey
  - Condition Evaluation
  - Spatial Verification
  - Plan Modeling or PDF Overlay

**Future Scope**
- 4 to 6 months
- **Stakeholder Engagement**
- **Pedagogy Alignment Research**
- **Cost & Prioritization**
- **Demographics Review**
- **Systems Review**
- **Master Plan Recommendations**

**Data Collection**
- Obtain Enrollment Data
- As-Built(s) Collection
- Program/Space Ratios
- Record Dwg Scanning

**Pedagogy Alignment Assessment**
- Campus Walk
- Alignment with Guiding Principals
- Program Analysis
- Alignment with Ed Spec
- Conceptual Program Overlay

**Demographics Overlay**
- Existing Utilization
- Site Capacity
- Enrollment Trends
- Student Loading Standards

**Systems Review**
- MEP & T Survey w/ Engineers & Key Facilities Personnel
- Roofing Survey
- Others TBD

**Master Plan Recommendations**
- Alignment with Funding
- Development and Review of FMP Booklet
- Presentations
High School Visioning

- LPA – Student and Facility Study
- Meeting with HS Principal
- Meeting with CTE and P-Tech
- One on One with each of the Principals
- Group Follow up Meetings

Smith HS – Grand Vision

Turner HS – Grand Vision
### Newman Smith High School

- **SCHOLAR PARTICIPANTS**: 94
- **EDUCATOR PARTICIPANTS**: 59

### Ranchview High School

- **SCHOLAR PARTICIPANTS**: 66
- **EDUCATOR PARTICIPANTS**: 28

### Creekview High School

- **SCHOLAR PARTICIPANTS**: 139
- **EDUCATOR PARTICIPANTS**: 34
Learning spaces designed to support student-centered and collaborative approaches have a positive and significant effect on how students view their learning experience and level of engagement. Learning spaces that utilize flexible furniture, the integration of digital and visual technologies, and multiple teaching and learning focal points were linked to improved student academic performance.


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**Educator Survey Findings**

88% of educators surveyed significantly agree that that the **quality of the learning space impacts the learning environment**

- 61% Strongly Agree
- 27% Agree
- 12% Somewhat Agree
- 0% Somewhat Disagree
- 0% Disagree
- 0% Strongly Disagree

High School students are more engaged when space is designed to support their learning

- disagree to somewhat agree
- agree to strongly agree

---

**Participant Demographics**

- Classroom / Science
- Fine Arts
- Career Tech Education
- Athletics
- Special Education
- Aid/Counseling/Coordinator

- 61% Strongly Agree
- 27% Agree
- 12% Somewhat Agree
- 0% Somewhat Disagree
- 0% Disagree
- 0% Strongly Disagree

---

**Eyes wide open towards the future & realistic about the outdated facilities**
WHAT IS NEXT?

SYSTEMS WORK
SECURITY
• BOLLARDS, IMPACT HARDENING, IMPACT RESISTANT HARDENING, STOREFRONT

SITE
• PARKING LOT IMPROVEMENTS, PLAYGROUND REPAIR, LANDSCAPING

SIGNAGE
• MARQUEES – 21 UPCOMING LOCATIONS

ROOFING
• ROOFING – 11 UPCOMING LOCATIONS

FINISHES
• LIMITED FINISH REFRESH – 25 UPCOMING LOCATIONS
• COLLABORATION / MAKER SPACES
• CTE RENOVATION

SYSTEMS
• FIRE ALARM – 15 UPCOMING LOCATIONS
• FIRE SPRINKLERS – 7 UPCOMING LOCATIONS
• MECHANICAL – 20 UPCOMING LOCATIONS
• ELECTRICAL – 25 UPCOMING LOCATIONS
• PLUMBING – 24 UPCOMING LOCATIONS
• SOUND / THEATRE EQUIPMENT

TECHNOLOGY
• ACCESS CONTROLS – 29 UPCOMING LOCATIONS
• PA / BELL / CLOCK – 28 UPCOMING LOCATIONS
• PHONE SYSTEM – 26 UPCOMING LOCATIONS
• STRUCTURED CABLING – 27 UPCOMING LOCATIONS
• STRUCTURED CABLE – 27 UPCOMING LOCATIONS
• VIDEO SURVEILLANCE – 28 UPCOMING LOCATIONS
• WIRELESS UPGRADES – 28 UPCOMING LOCATIONS
THANK YOU