

Spring Branch ISD  
**Career & Technical  
Education**



**CTE Bond Advisory  
Committee**  
Meeting #1

**Sept 7, 2021**  
Westchester AIS



**CTE Bond Planning  
Bond Advisory  
Committee**

**Jennifer Blaine, Ed.D.** Superintendent of Schools

**Welcome**



**Spring Branch ISD | CTE Bond Planning**



## Spring Branch ISD

- **Jennifer Blaine, Ed.D.** Superintendent of Schools
- **Travis Stanford** Associate Superintendent for Operations
- **Kristen Craft, Ed.D.** Associate Superintendent for Academics
- **Lance Stalworth, Ed.D.** Executive Director of Student Support Services
- **Max Buja** Director of Planning & Construction
- **Christina Rice-Imumwen** Director of Career & Technical Education (CTE)
- **Angie Robertson** Career & Technical Education Coordinator



## Stantec Architects

- **Jennifer Henrikson** Principal - Architect
- **Gin Kappler-Peeler** Sr. Project Manager - Architect + Interior Designer
- **Denise Rivas** Asst. Project Manager
- **Mark Jackson** Sr. Project Manager - Architect
- **Gary Dunn** Sr. Project Manager - Architect
- **Kimberly Bow** Project Director



# Agenda: CTE BAC Meeting #1

- 
- 1** 15 Minutes • **Opening Remarks + Introductions + Meeting Agenda**  
05 Minutes • **CTE BAC: Committee Charge / Composition + Schedule**  
  
05 Minutes ■ **BAC “CTE Poll”** (Individual: “Pop Quiz” Poll)
- 
- 2** 10 Minutes • **CTE Access / Impact: District Wide Impact**  
15 Minutes • **CTE Context / History: 2017 Bond to Present**  
  
05 Minutes ■ **BAC “CTE Poll”** (Group: “Pop Quiz” Findings)
- 
- 3** 10 Minutes • **LRFP Committee Process Recap: Baseline Info + Process Highlights**  
10 Minutes • **LRFP Committee Recommendation: Improvement Strategy + Timeline**
- 
- 4** 05 Minutes • **What to Expect in Next BAC Meeting: Sept. 22<sup>nd</sup> at Northbrook HS**  
05 Minutes • **Questions + Closing Remarks**

Item

1

ESTABLISH  
FRAMEWORK



EXPLORE  
CONCEPTS



DEVELOP  
OPTIONS



REFINE /  
FINALIZE



CTE BAC Meetings:

Organized Path Focused on Consensus



## CTE Bond Advisory Committee (BAC) - Charge

- The SBISD Board of Trustees will appoint a **Career and Technical Education Bond Advisory Committee (CTE BAC)** comprised of parents, students, staff, community members from the district's various geographic areas and business communities to **work collaboratively and cooperatively in developing a bond proposal package**.
- **The CTE BAC is charged with working within the framework** of the CTE Long-Range Facilities Plan, SBISD District-Wide Facility Assessment, the SBISD Financial Analysis/Debt Capacity Analysis, the SBISD Demographic and Capacity Studies, the SBISD Strategic Framework, and/or other significant primary and authoritative sources of District Information.
- **The Committee will present recommendations to the Board of Trustees** no later than December 2021. The Board of Trustees will receive and review the Committee's recommendations.  
**The Board of Trustees may act upon the recommendations presented by the committee by approving, amending, altering, or not approving all or any part of the final plan.**

## CTE Bond Advisory Committee (BAC) – Scope of Work

- In developing the recommendations for a proposed bond package, the CTE BAC should focus on: **SBISD CTE facilities in the areas** of renovation, additions and/or replacement of existing classrooms, labs and facilities. **Additions** to accommodate CTE program enrollment. **Renovations** to meet District Standards and CTE Educational Specifications. **Transformation/replacement** of aging CTE facilities.

## CTE Bond Advisory Committee (BAC) – Refrain from

- **Recommendations regarding specific design** of schools or district facilities, **location(s)** of schools or district facilities, **boundaries** of district facilities, **closure** of district facilities, **instructional arrangements** and/or educational pedagogy and **district policy**.

# CTE Bond Advisory Committee (BAC) – Composition

The composition of the Committee will be as outlined below. The membership of the Committee will represent all geographic areas of the community. Efforts should be made to include members on the Committee with expertise in the areas of architecture, engineering, construction and design or related field; business/finance' health sciences; technology, agriculture and other industries that align with SBISD CTE Programs of Study as well as members with experience on the CTE Long Range Facilities Committee or previous Bond Advisory Committees.

**Individuals accepting membership should be able to attend at least 75 percent of the scheduled meetings.**



**CTE Bond  
Advisory  
Committee**



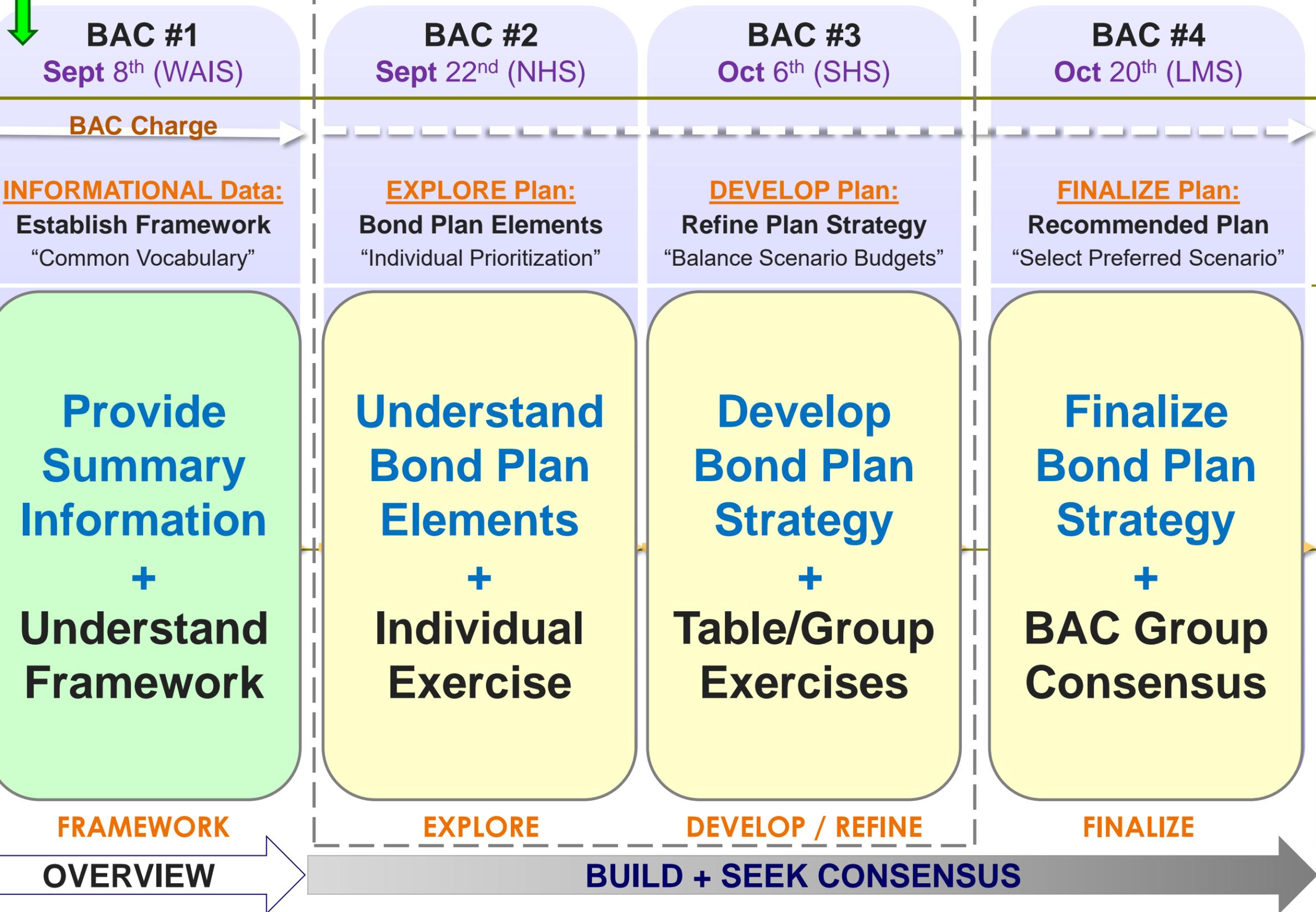
**105** Participants

CTE Bond Advisory Committee Composition		
Category	Number	Total Number
Parents*	1/campus	46
Students	1/high school and CTE special program campus	7
Additional Parents/Community Members/Business Representatives at Large		30
Certified Staff (Teachers, Counselors)	2 Elementary/2 Middle/2 High/2 Special Program	8
Principals /Assistant Principals	2 high school, 2 middle school, 1 special programs, 1 central CTE program	6
Central Administrators		6
Trustees – Non-Voting Members		2
<b>Total</b>		<b>105</b>

- 53 = Parents, Students**
- 30 = Representatives at Large**
- 14 = SBISD Campus Certified Staff**
- 08 = SBISD Administrators**
- 02 = SBISD Trustees (Non-Voting Members)**

\* A staff member may be asked to serve as a campus representative if a parent is not available to serve

TODAY:



BAC Recommendation  
SBISD Board – November 15, 2021





## Could a “CTE Curriculum” provide a pathway to these professions / careers?

	YES	NO
• <b>Attorney</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Architect</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Electrician</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Dental Hygienist</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Industrial Design Engineer</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Internet Security Agent</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Media Specialist</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Nurse Practitioner</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Office / Operations Manager</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Veterinarian Technician</b>	<input type="checkbox"/>	<input type="checkbox"/>

Item

2<sub>A</sub>

**CTE Access / Impact:**



**District Wide Impact**

# What are the top 5 high wage career clusters in Texas?

- 1) Business Management and Administration
- 2) Health Science
- 3) Information Technology
- 4) Marketing
- 5) Science, Technology, Engineering, and Mathematics



# T-2-4

**Every SBISD Graduate will attain a technical certificate, military training, or a two-year or four-year degree.**

The District will pursue the SBISD T-2-4 goal by increasing the number of students who complete a technical certificate, military training, or a two-year or four-year degree from 44% to 72% by 2022.

**Career and Technical Education (CTE) is a critical part of achieving our goal of T-2-4 for Every Child.**

*We are committed to offering our students a world-class CTE program. Our vision includes:*

- 1 Equitable access** to all CTE programs for all students
- 2 CTE pathways and courses** that tap into students' interests and awaken their passion for learning and their future
- 3 Strong pathways** built around coherent sequences of courses that allow every student to graduate with a plan for their future, aligned with our goal of Spring Branch T-2-4 for Every Child
- 4 A culture of learning** that includes rigorous programs taught by high-quality teachers with industry experience using industry-relevant curriculum, resources, and technology
- 5 CTE programs** that are innovative, forward-thinking, and aligned with the future needs of business and industry
- 6 A strong foundation** in the core academic courses for all students, with continued integration into all CTE courses
- 7 A strong, consistent commitment** by all leaders, including campus leaders, central administration, and board members, that CTE is valuable for the future of all students and is, therefore, a critical part of achieving Spring Branch T-2-4 for Every Child
- 8 A high level of awareness** by all K-12 students as well as staff, parents, industry, and the community of the opportunities available in our CTE program
- 9 A collaborative culture** with industry and higher education that provides real-world connections, resources, and work experiences to achieve relevance to the workplace and future industry needs
- 10 Opportunities for students to participate** in and demonstrate leadership through CTE-related student organizations



# OUR VISION

## Career and Technical Education

SPRING BRANCH INDEPENDENT SCHOOL DISTRICT

# Components of High-Quality CTE Programs

## Collective Commitment

- District and Campus leadership supports and has an in-depth understanding of CTE programs
- Knowledgeable counselors
- Administration understands sequenced programming MS through HS

## Experienced and Engaged Faculty

- Quality, engaging classroom learning experiences for students
- Educators equipped with current industry knowledge via industry certifications and/or Job Shadowing/Externship opportunities

## CTE for Every Child

- Equity for all students
- K-12 Career Exploration
- 1:1 student planning conversations for post-secondary goals MS through HS
- Ability to identify and target ideal candidates for CTE

## Robust Curriculum

- Teachers collaborate (PLCs)
- Professional growth opportunities for teachers
- Curriculum aligns to industry standards/skills

## Real-World Connections

- Student opportunities for CTSO participation <https://owa.springbranchisd.com/owa/service.svc/s/>

## Industry Standard Facilities and Equipment

- Updated facilities that meet industry-relevant standards
- Program accreditation



Item  
**2**  
B



**CTE Context / History:**

**2017 Bond to Present**

# Timeline & Context



## 1) Career Cluster

a grouping of related careers such as “Architecture and Construction” or “Business, Marketing and Finance”

## 2) Program of Study

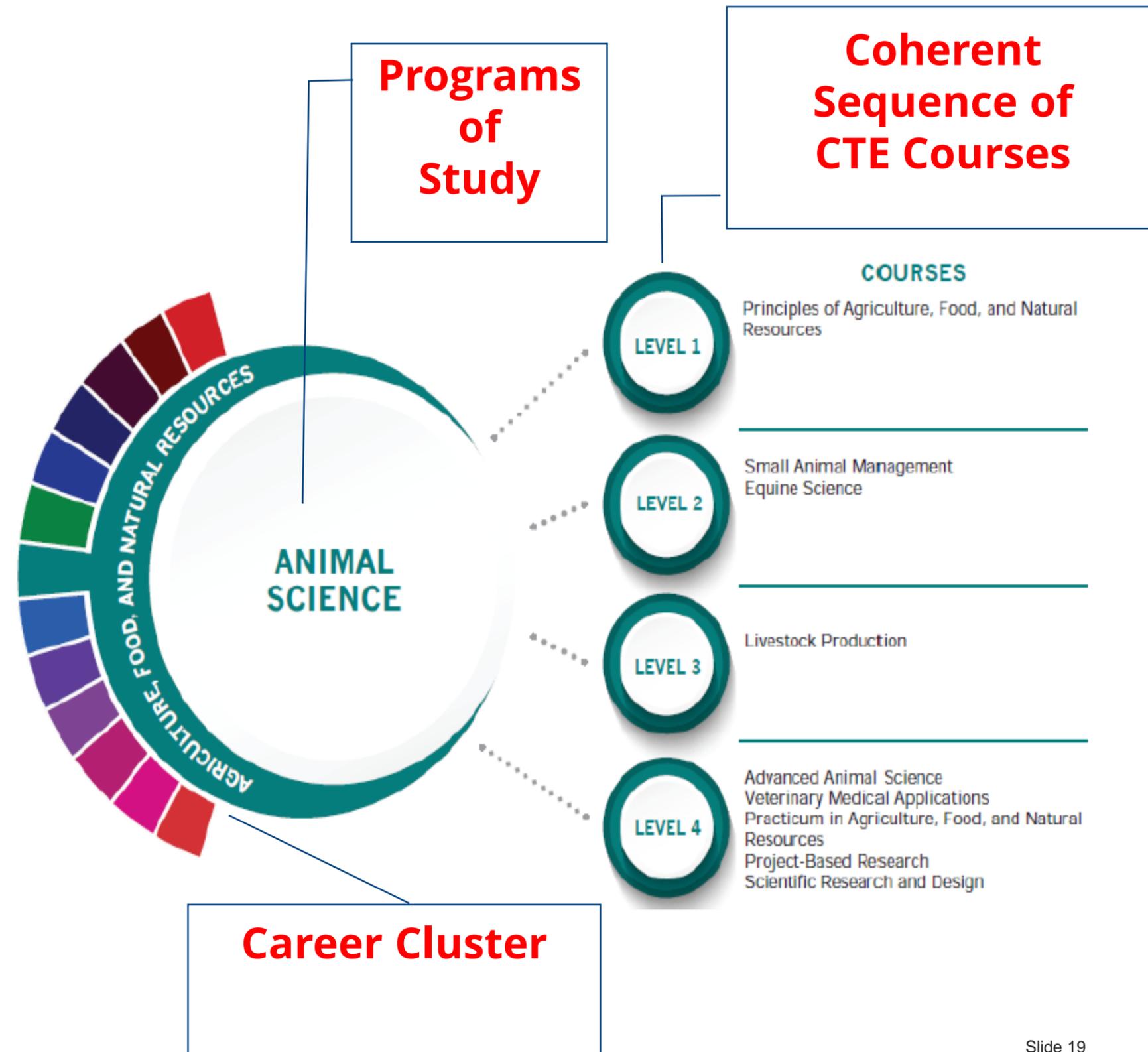
a coordinated sequence of courses at the secondary and post-secondary level that addresses academic, technical, and employability skills, progresses in specificity

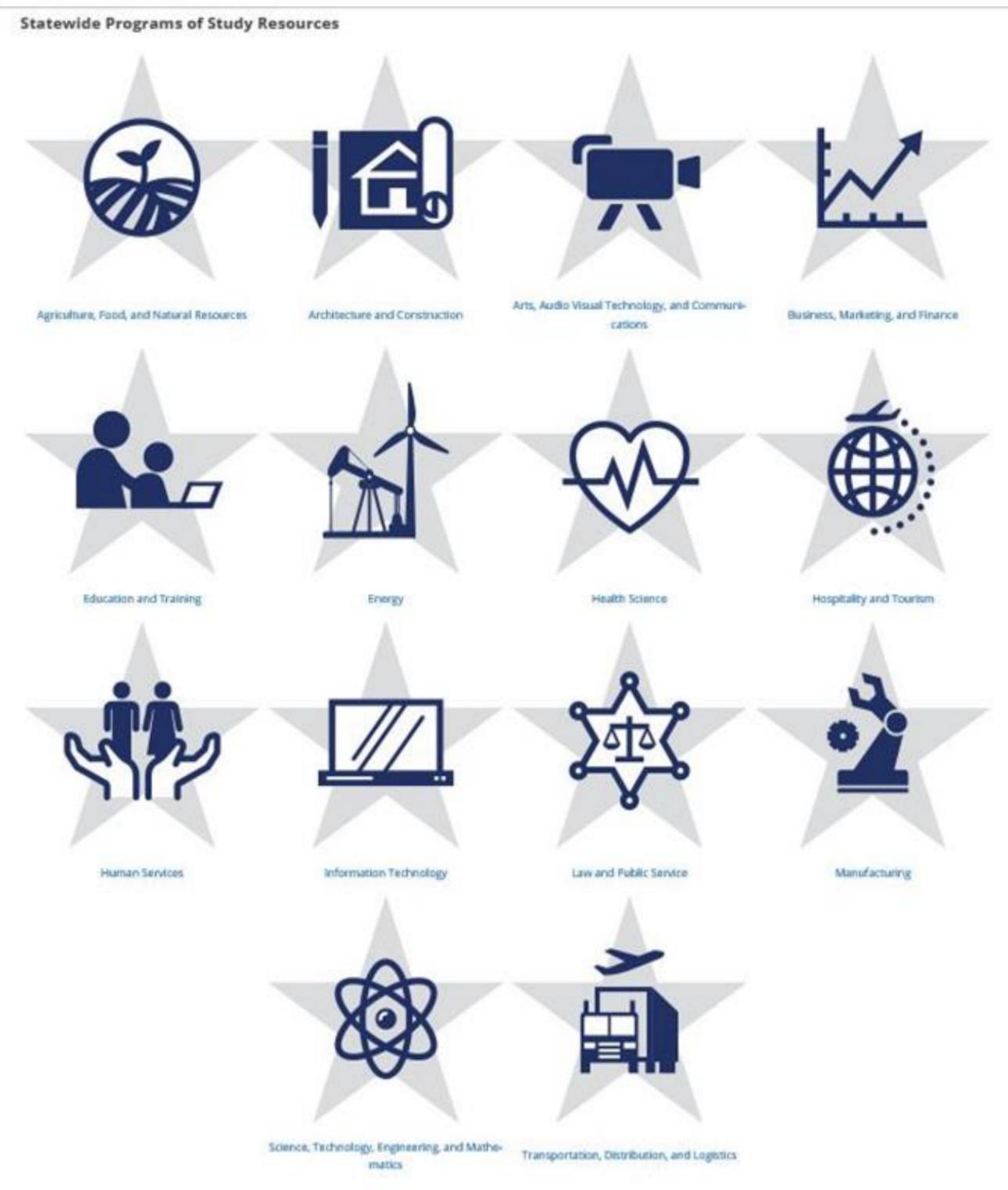
## 3) Coherent Sequence of Courses

a sequence of career-specific elective courses that a student takes through a Program of Study

# CTE Curriculum Structure

Programs of study are course sequences that prepare students with the knowledge and skills necessary for success in their chosen career. These sequences embed relevant, real world experiences and culminate in a postsecondary credential.



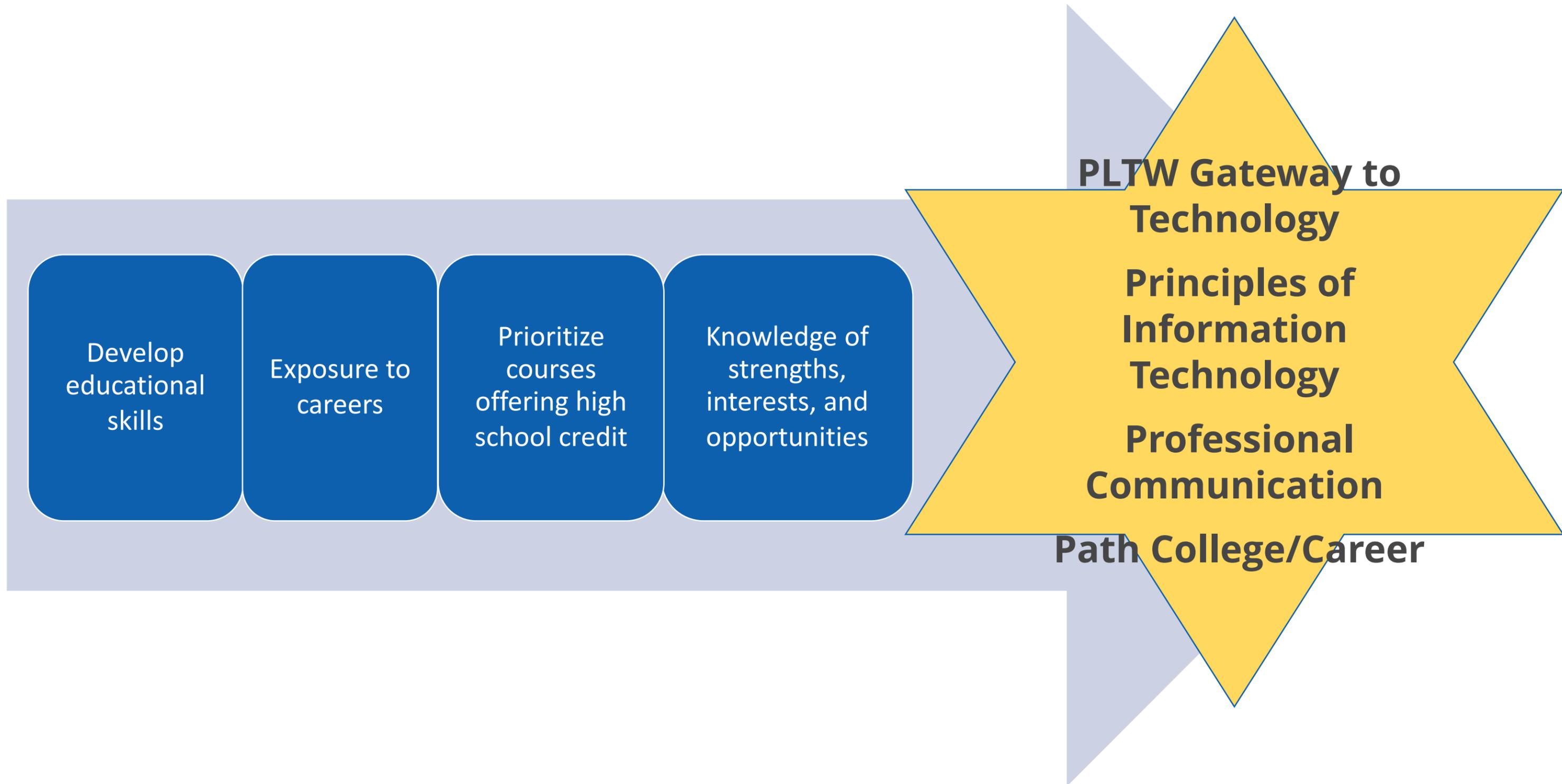


## CTE Career Cluster Framework

Texas Education Agency – Statewide

1. Agriculture, Food & Natural Resources
2. Architecture & Construction
3. Arts, Audio Visual Technology & Communications
4. Business, Marketing & Finance
5. Education & Training
6. Energy
7. Health Science
8. Hospitality & Tourism
9. Human Services
10. Information Technology
11. Law & Public Safety
12. Manufacturing
13. Science, Technology, Engineering & Mathematics
14. Transportation, Distribution and Logistics

# CTE Middle School Focus



# Future CTE Programs of Study

## LEANS T

- Electrical Tech
- Culinary Arts
- Cosmetology
- Pharmacy Tech
- **Welding**
- **Construction Tech**
- **Dental Assistant**
- **Automotive Tech**

## LEANS 2

- Info. Technology  
Support & Services
- Animal Science
- Digital  
Communications
- Design & Multimedia  
Arts
- Law Enforcement
- **Patient Care Tech**

## LEANS 4

- Accounting & Financial  
Services
- **Vet Med**
- Healthcare Practitioner
- Engineering
- Teaching & Training
- Business Management
- **Entrepreneurship**
- Architectural Design
- **Cybersecurity**
- Programming &  
Software Development

**Black – current**  
**Blue – expanded**  
**Green - new**

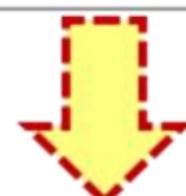


# Programs of Study Course Sequences

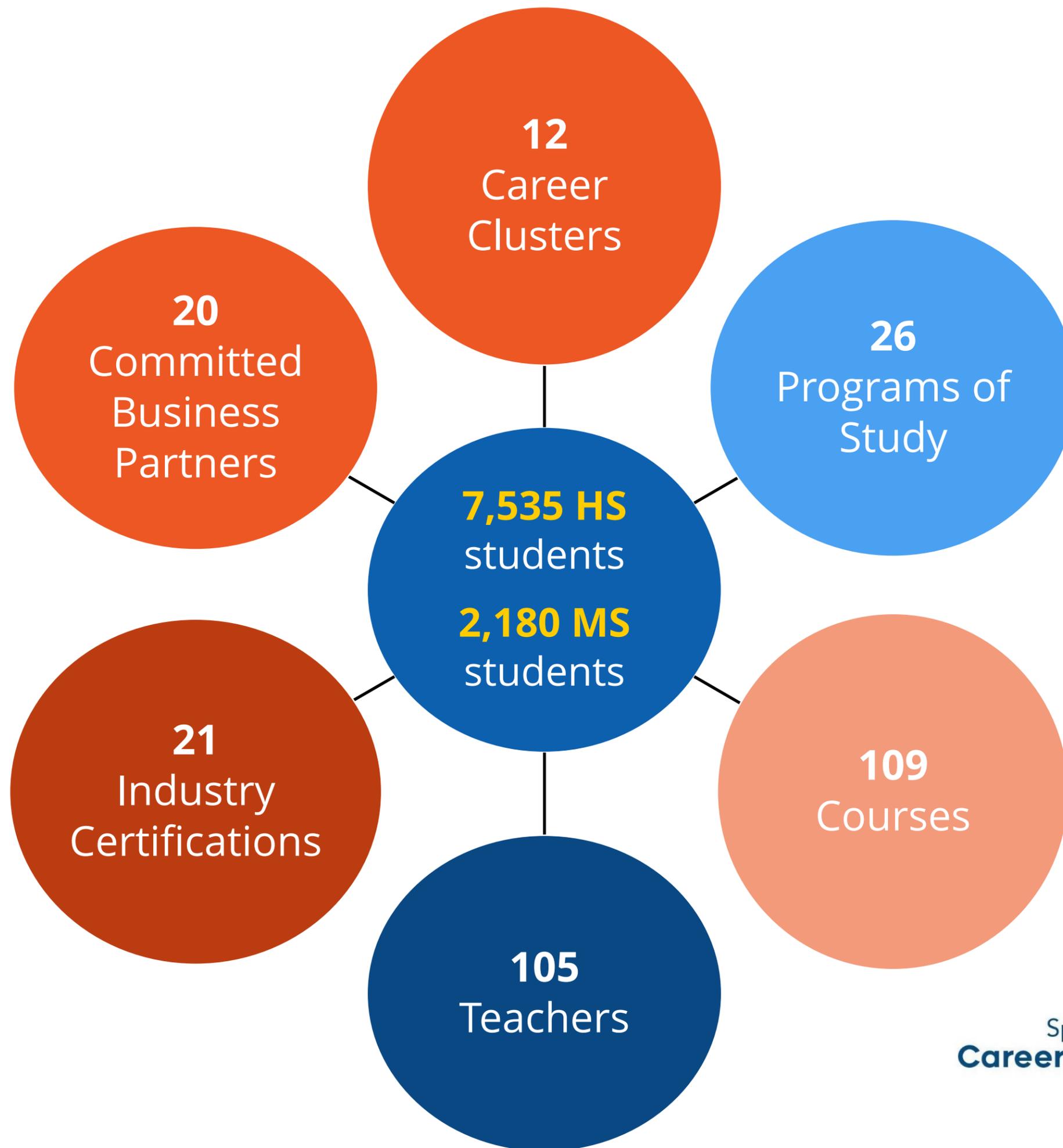
Cluster	Architecture & Construction	Health Science	Business, Marketing, & Finance
Program of Study	Electrical	Patient Care Technician (Healthcare Therapeutic)	Accounting & Financial Services
Level 1 (Location)	Principles of Construction (Campus)	Principles of Health Science (Campus)	Principles of Business, Marketing, and Finance (Campus)
Level 2 (Location)	Applied Mathematics for Technical Professionals AND Electrical Technology I (Central Facility)	Medical Terminology (Campus)	Accounting I OR Financial Mathematics (Campus)
Level 3 (Location)	Electrical Technology II (Central Facility)	Health Science Theory (Central Facility)	Accounting II OR Financial Analysis (Campus)
Level 4 (Location)	Practicum in Construction Technology (Central Facility/OJT)	Practicum in Health Science (Central Facility/OJT)	Practicum in Business Management (Campus/OJT)



**HOME** CAMPUS



**CENTRAL** FACILITY





# Questions?

**CAREER & TECHNICAL  
EDUCATION**



Could a “CTE Curriculum” provide a pathway to these professions / careers?

	YES	NO
• <b>Attorney</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Architect</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Electrician</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Dental Hygienist</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Industrial Design Engineer</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Internet Security Agent</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Media Specialist</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Nurse Practitioner</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Office / Operations Manager</b>	<input type="checkbox"/>	<input type="checkbox"/>
• <b>Veterinarian Technician</b>	<input type="checkbox"/>	<input type="checkbox"/>

# Item 3 A

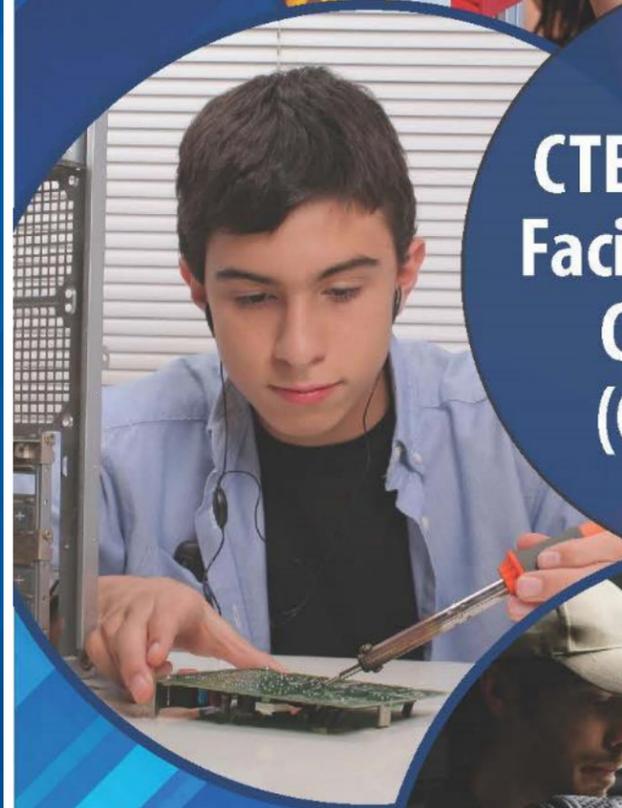
CTE LRFPC Process Recap:

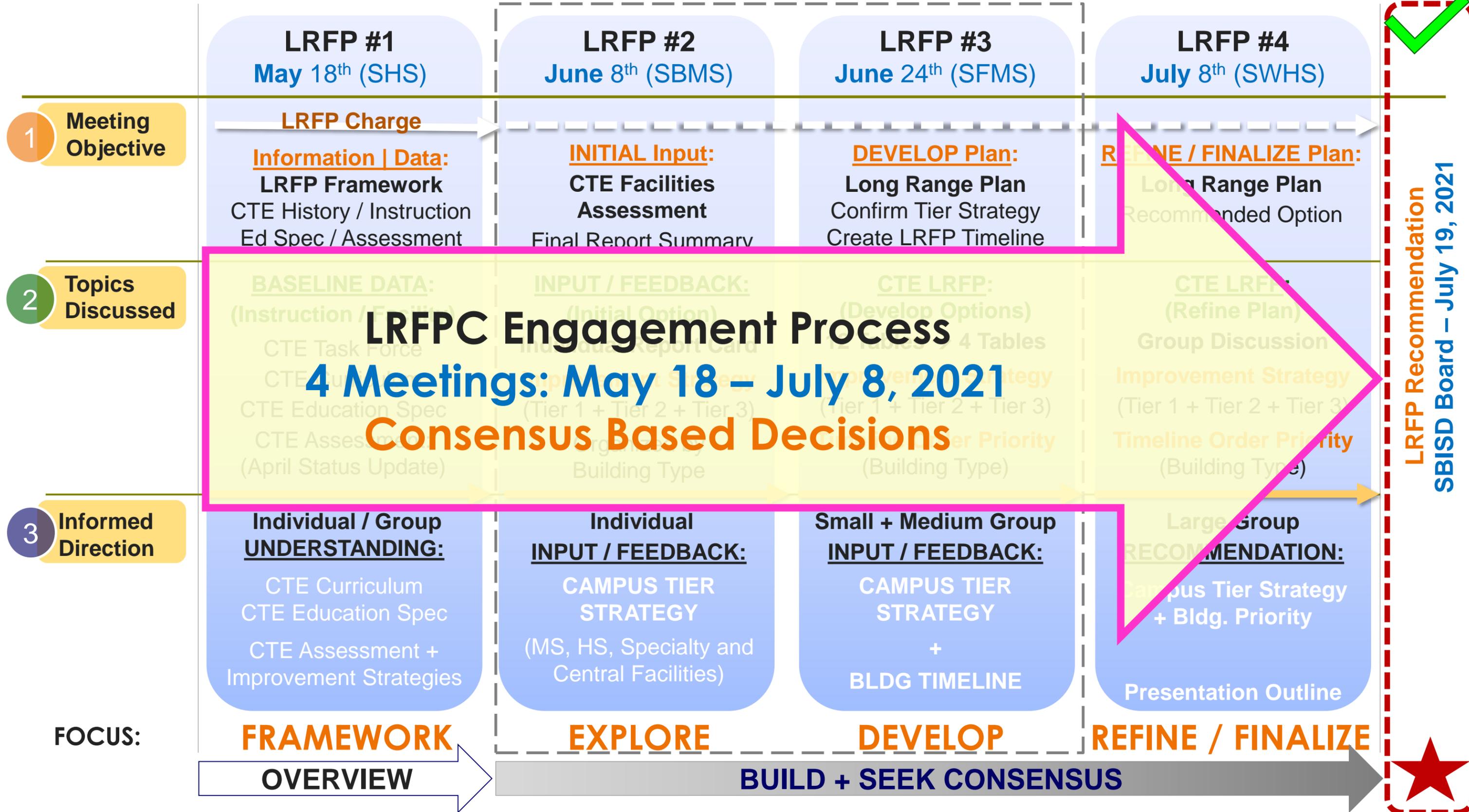
CTE LONG RANGE FACILITY PLANNING COMMITTEE

SPRING BRANCH ISD



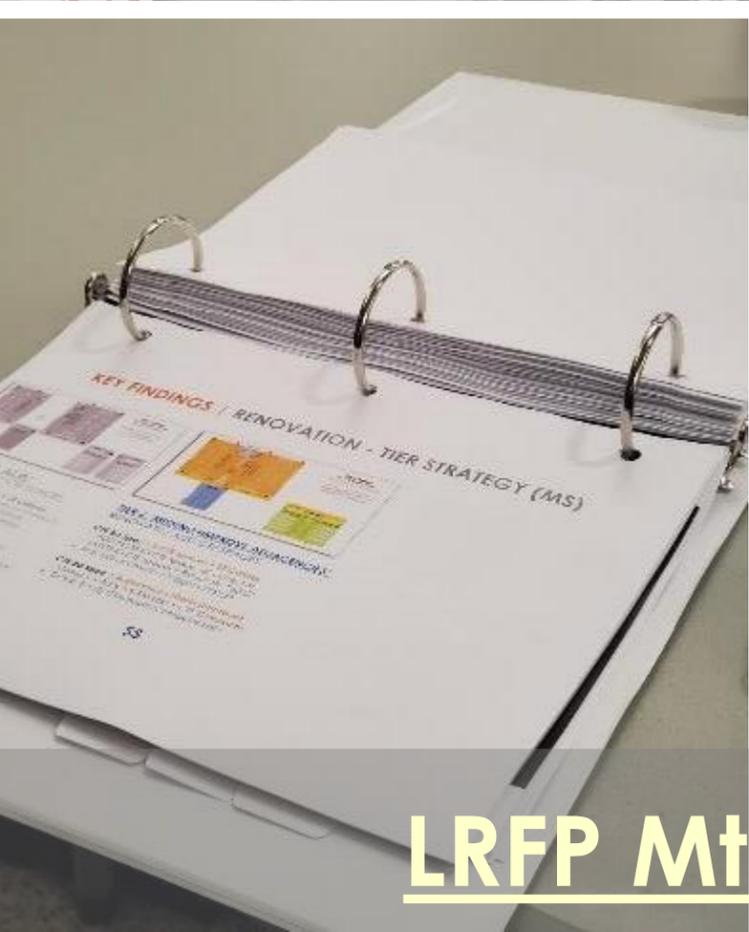
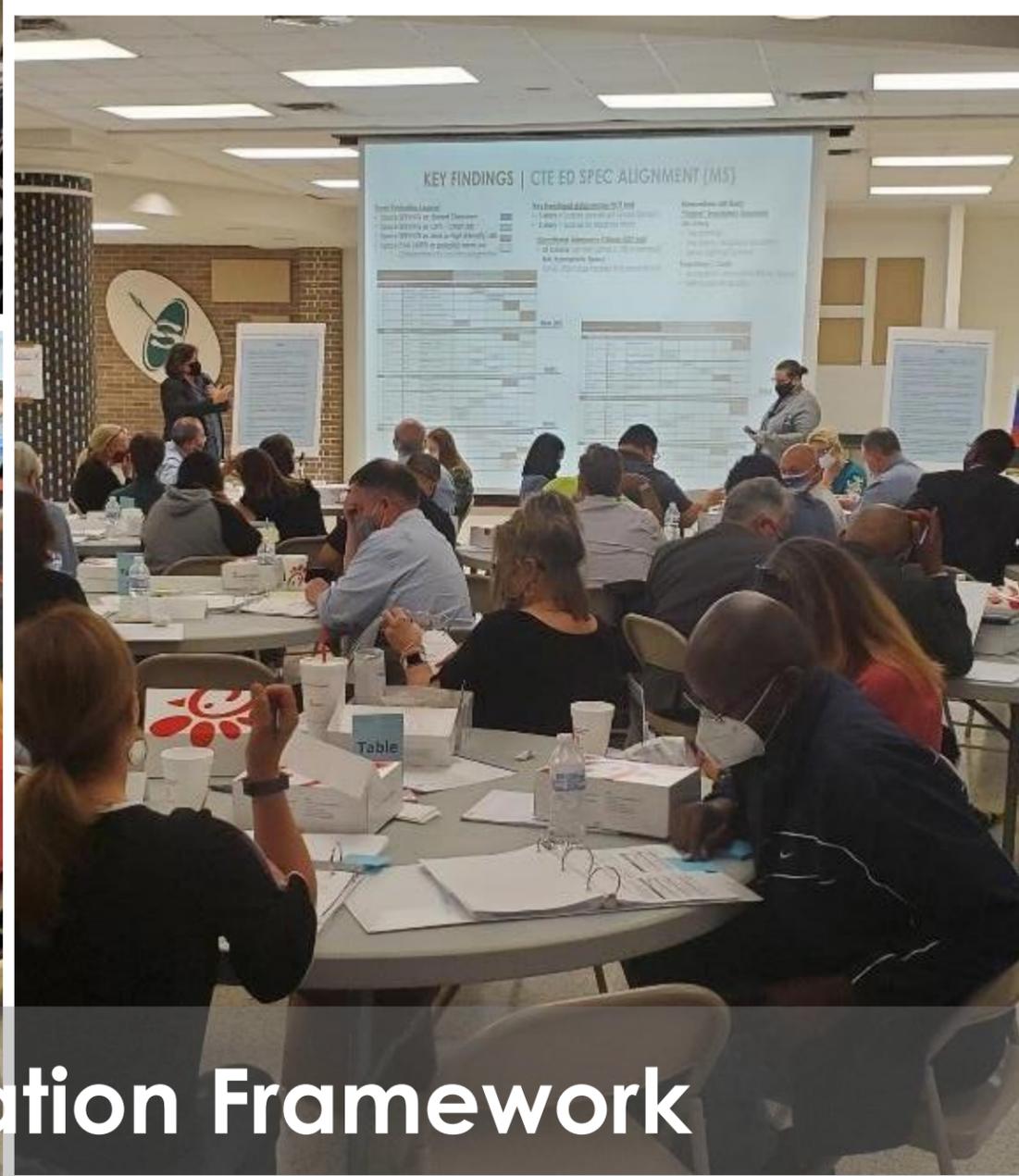
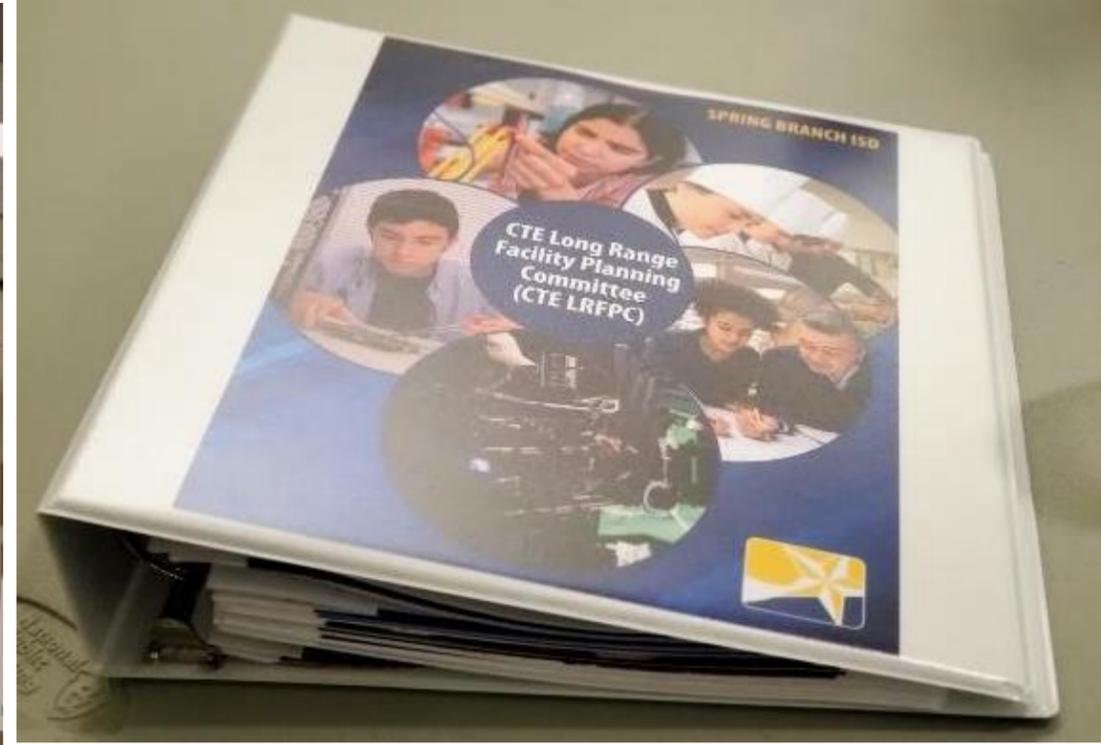
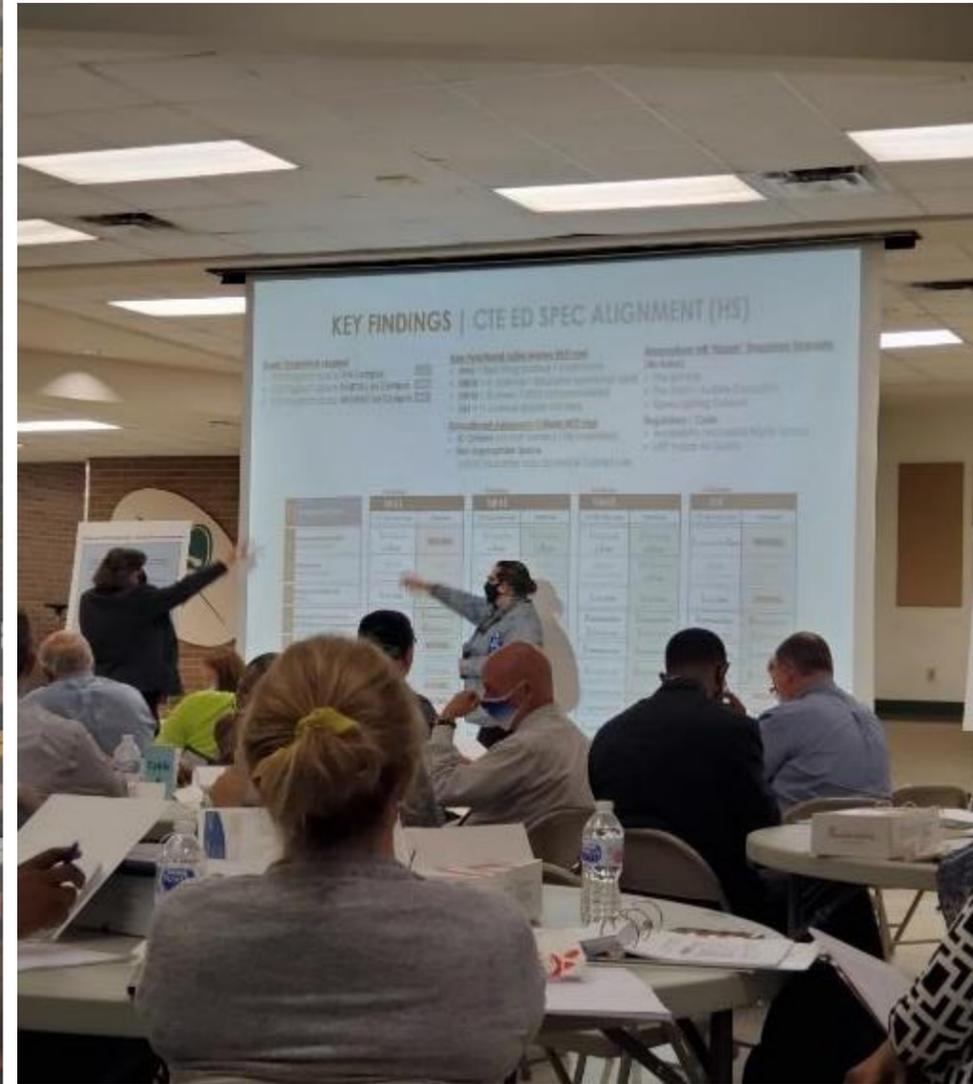
CTE Long Range  
Facility Planning  
Committee  
(CTE LRFPC)





**LRFPC Engagement Process**  
**4 Meetings: May 18 – July 8, 2021**  
**Consensus Based Decisions**

**BUILD + SEEK CONSENSUS**



**LRFP Mtg#1 Engagement | Information Framework**

# LRFP Committee Mtg #1 Recap: CTE Instruction: History, Context, Programs

1 Meeting Objective

**LRFP #1**  
May 18<sup>th</sup> (SHS)

**LRFP Charge**

**Information | Data:**  
**LRFP Framework**  
CTE History / Instruction  
Ed Spec / Assessment

2 Topics Discussed

**BASELINE DATA:**  
**(Instruction / Facility)**  
CTE Task Force  
CTE Curriculum  
CTE Education Spec  
CTE Assessment:  
(April Status Update)

3 Informed Direction

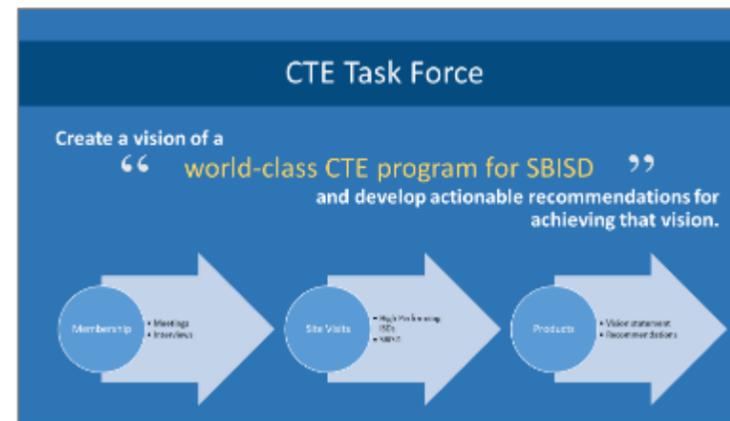
**Individual / Group UNDERSTANDING:**  
CTE Curriculum  
CTE Education Spec  
CTE Assessment +  
Improvement Strategies

**FOCUS:**

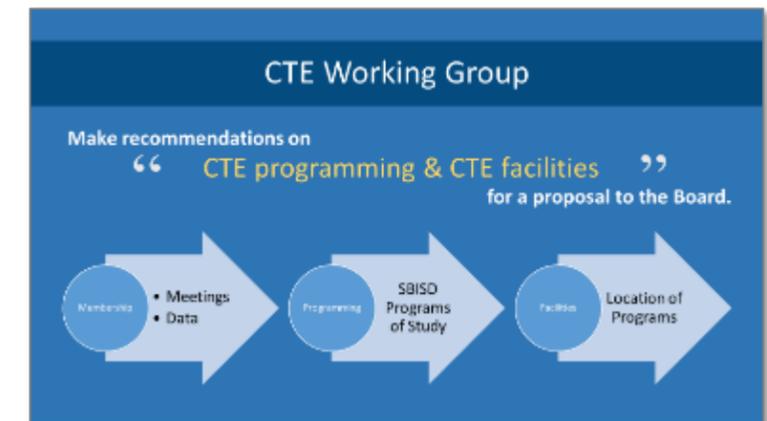
**FRAMEWORK OVERVIEW**



**Timeline:**  
2017 Bond  
2018 Task Force  
2019 Work Group  
2020 Ed Spec  
2021 F. Assessment



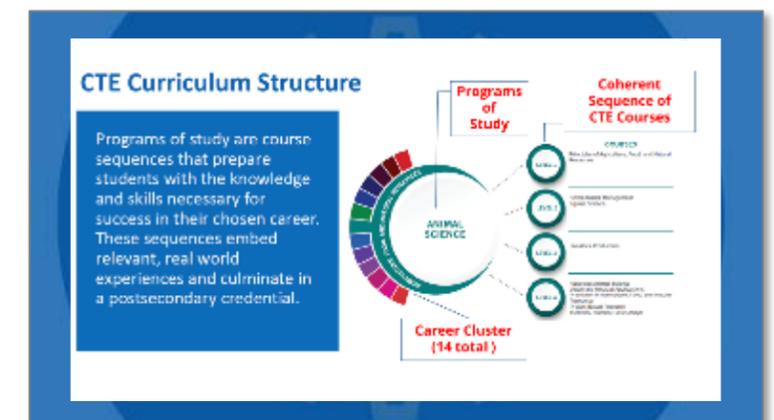
CTE Task Force (Vision, Action Plan)



CTE Working Group (Programs, Facilities)

**CTE Curriculum Structure:**  
Coherent Sequence

Programs of Study  
Career Cluster



# LRFP Committee Mtg #1 Recap: CTE Facilities Assessment...

- 1 Meeting Objective
- 2 Topics Discussed
- 3 Informed Direction

**LRFP #1**  
May 18<sup>th</sup> (SHS)

**LRFP Charge**

**Information | Data:**  
LRFP Framework  
CTE History / Instruction  
Ed Spec / Assessment

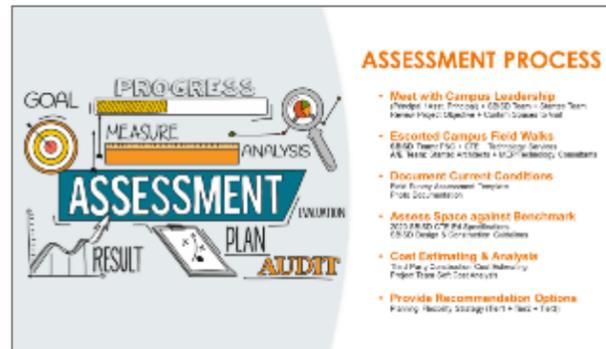
**BASELINE DATA:**  
(Instruction / Facility)

CTE Task Force  
CTE Curriculum  
CTE Education Spec  
CTE Assessment:  
(April Status Update)

**Individual / Group UNDERSTANDING:**

CTE Curriculum  
CTE Education Spec  
CTE Assessment +  
Improvement Strategies

**FRAMEWORK OVERVIEW**



- 1) CTE Assessment Process
- 2) CTE Ed Spec = Benchmark
- 3) Improvement Tier Strategy

## Middle School

CTE Home Campus | Middle School  
**BENCHMARK: CTE Educational Specification**

**Space Requirements Summary:**

- 2,100 SF PLS Lab (Master Room High School)
- 2,100 SF PLS Lab (Master Room High School)
- 1,000 SF CTE Classroom / Computer Lab
- 1,100 SF CTE Classroom / Computer Lab
- 1,100 SF CTE Classroom / Computer Lab

MS CTE Ed Spec

## High School

CTE Home Campus | High School  
**BENCHMARK: CTE Educational Specification**

**Space Requirements Summary:**

- 2,100 SF PLS Lab (Master Room High School)
- 2,100 SF PLS Lab (Master Room High School)
- 1,000 SF CTE Classroom / Computer Lab
- 1,100 SF CTE Classroom / Computer Lab
- 1,100 SF CTE Classroom / Computer Lab

HS CTE Ed Spec

## Ag/Guthrie

CTE Central Campus | Ag Farm + Guthrie  
**BENCHMARK: 2020 CTE Educational Specifications**

**Space Requirements Summary:**

- 2,100 SF PLS Lab (Master Room High School)
- 2,100 SF PLS Lab (Master Room High School)
- 1,000 SF CTE Classroom / Computer Lab
- 1,100 SF CTE Classroom / Computer Lab
- 1,100 SF CTE Classroom / Computer Lab

Ag/Guthrie CTE Ed Spec

### KEY FINDINGS | RENOVATION - TIER STRATEGY (MS)

**Tier 1 - 'IN PLACE AS IS' - RENOVATE EXISTING CTE SPACES**

**Tier 2 - 'MISSING-IMPROVE/ADJUSTMENTS' - RENOVATE / ADD CTE SPACES**

**Tier 3 - 'WANTED SPECIFICATIONS' - RENOVATE / ADD CTE SPACES**

MS Tier Strategy

### KEY FINDINGS | RENOVATION - TIER STRATEGY (HS)

**Tier 1 - 'IN PLACE AS IS' - RENOVATE EXISTING CTE SPACES**

**Tier 2 - 'MISSING-IMPROVE/ADJUSTMENTS' - RENOVATE / ADD CTE SPACES**

**Tier 3 - 'WANTED SPECIFICATIONS' - RENOVATE / ADD CTE SPACES**

HS Tier Strategy

### TIER 1 STRATEGY | CENTRAL CAMPUS (Guthrie)

**Tier 1 - 'IN PLACE AS IS' - RENOVATE EXISTING CTE SPACES**

**CTE Spaces ON CAMPUS / PARTIAL**

**CTE Spaces MISSING**

**CTE Spaces SF + ADJUSTMENTS**

Ag/Guthrie Tier Strategy

FOCUS:

**FRAMEWORK OVERVIEW**

# LRFP Committee Mtg #2 Recap: Facilities Assessment Findings....

## Campus "Snapshots" Comparison to CTE Educational Specs

### 6 Middle Schools

#### Missing CTE Spaces:

	0	1	2	3
<b>SFMS</b>				
<b>SBMS</b>				
<b>MMS</b>				
<b>SOMS</b>				
<b>NBMS</b>				
<b>SWMS</b>				

← Closest ----- Middle ----- Furthest →

**Comparison to CTE Ed Spec**

### 4 High Schools

#### Missing CTE Spaces:

	SWHS	NBHS	SHS	MHS
<b>0 CC</b>				
<b>1 CC</b>				
<b>2 CC</b>				
<b>3 CC</b>				
<b>2 STEM</b>				
<b>-----</b>				
<b>1 H.Sci</b>				
<b>2 STEM</b>				
<b>1 H.Sci</b>				
<b>-----</b>				

← Closest ----- Middle ----- Furthest →

**Comparison to CTE Ed Spec**

# LRFP Committee Mtg #2 Recap: Facilities Assessment Findings....

# Campus "Snapshots" Comparison to CTE Educational Specs

## 2 Specialty MS / HS

**CTE ASSESSMENT FINDINGS | SB Education Center: MS/HS**

**Specialty Campus MS / HS**

**CTE Spaces ON CAMPUS**

- MS = Commerce Academy (CA)
- CTE Classroom: Rm C125 (Arts) = BM
- STEM Lab: F12 (Science/Art) / Gateway Tech
- CTE Classroom: Rm 110.1 (Library Annex)
- Clm/Computer Lab: Rm 122 (Library Annex)
- HS = Academy of Choice (ACC)
- Bus, Mktg & Finance: Rm 4210 (Business / Edgenuity)

**CTE Spaces MISSING**

- MS: PLEX Lab = Required?
- HS: Other CTE Programs = Required?

**SBEC**  
**Missing: N/A**

**Ag Farm**  
**Missing: 2 Classrooms**  
**Arena Entry Upgrades**  
**Added Animal Pens**

## 2 Central Facilities

**CTE ASSESSMENT FINDINGS | CENTRAL CAMPUS (Ag Farm)**

**CTE Spaces ON CAMPUS / PARTIAL**

**SHARED SPACES**

- Classroom Bldg: 1 Clm + 2 Clm/Lab + 1 Office/Work (3 staff)
- Show Arena: Arena + 2 Backlot + RR + Storage
- Greenhouse: 11' x 16' of Rep/Dr
- Ag Mach Shop: Metal Bldg, Underwood
- T-Bldg: Teacher Club Storage/Work Area

**ANIMAL PENS**

- Cattle: 24 Pens + 1x-1st Area + Stock Area + Wash Bn
- Swine: 14 Pens + 2 C-Clp (1st Area 1st Wash)
- Lamb/Goat: 30 Pens + 1 Clipping Room
- Poultry: 95 Feet
- Rabbit: 14 Pens (1-2-3-4) + Local Feed Storage
- Feed Storage: (24 Large Animal Boxes + 50 Small Animal Boxes)

**CTE Spaces MISSING**

**SHARED SPACES**

- Classroom Bldg: 2 Clm/Lab + Building Support
- Show Arena: Entrance to Entry (Accession / RR)

**ANIMAL PENS**

- Cattle: 1 Pen + Local Feed Storage
- Swine: 4 Pens + Local Feed Storage + Wash Area
- Lamb/Goat: 5 Pens + Feed Storage + Wash Area
- Poultry: 4 Pens + Feed Storage
- Rabbit: Provide Permanent Structure (10 Pens + Feed Boxes)

**CTE ASSESSMENT FINDINGS | Westchester Academy: MS/HS**

**Specialty Campus MS / HS**

**CTE Spaces ON CAMPUS**

- MS = Westchester Academy (WAIS)
- Clm/Computer Lab: FL1 Rm A336 (Tech Appl)
- HS = Westchester Academy (WAIS)
- Bus, Mktg & Finance: FL1 Rm F145/F144 (SEM, Lunch, PW, Acctg)
- Health Science: FL2 Rm 4200 (Program Change of Outward)
- Art, A/V & Comm: FL1 Rm A346-12 (Art/Mktg + Arts/Comm)

**CTE Spaces MISSING**

- MS: STEM + PLEX Lab / CTE Clm = Required?
- HS: Other CTE Programs = Required?

**WAIS**  
**Missing: N/A**

**Guthrie Center**  
**Missing: New Programs**  
**+ Expand Existing Programs**

**CTE ASSESSMENT FINDINGS | CENTRAL CAMPUS (Guthrie)**

**CTE Spaces ON CAMPUS / PARTIAL**

**COMPLETE CAREER CLUSTERS**

- Arts, A/V Tech & Comm: Digital Communications
- Hospitality & Tourism: Culinary Arts
- Information Technology: Info Tech Support & Services
- Law & Public Safety: Law Enforcement
- Cosmetology
- NUOTC

**PARTIAL CAREER CLUSTERS**

- Architecture & Construction: Electrical Tech + Arch Design
- Health Science: Pharmacy Tech

**CTE Spaces MISSING**

**COMPLETE CAREER CLUSTERS**

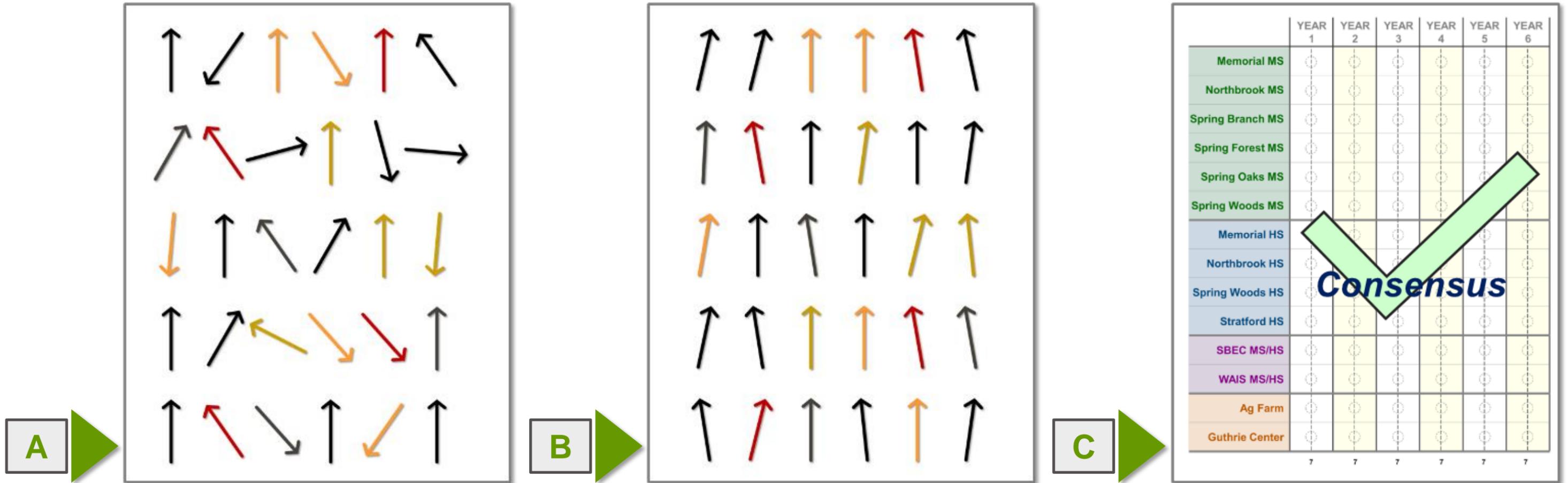
- Manufacturing: Welding Tech
- Transportation, Distribution & Logistics: Automotive Tech

**PARTIAL CAREER CLUSTERS**

- Arch/Construction: Construction Tech
- Health Science: IIC, Prosthetic + PC Tech + Dental Aid

# CTE LRFP Committee | Engagement Activity Summary

Individual Input → Group Consensus → Committee Consensus



**LRFP Mtg#2: Individual**

55 Individual Input

Tier Strategy

**LRFP Mtg#3: Group**

12 Table Consensus

Tier Strategy + Timeline

04 Group Consensus

Tier Strategy + Timeline

**LRFP Mtg#4: Committee**

“Recommendation”

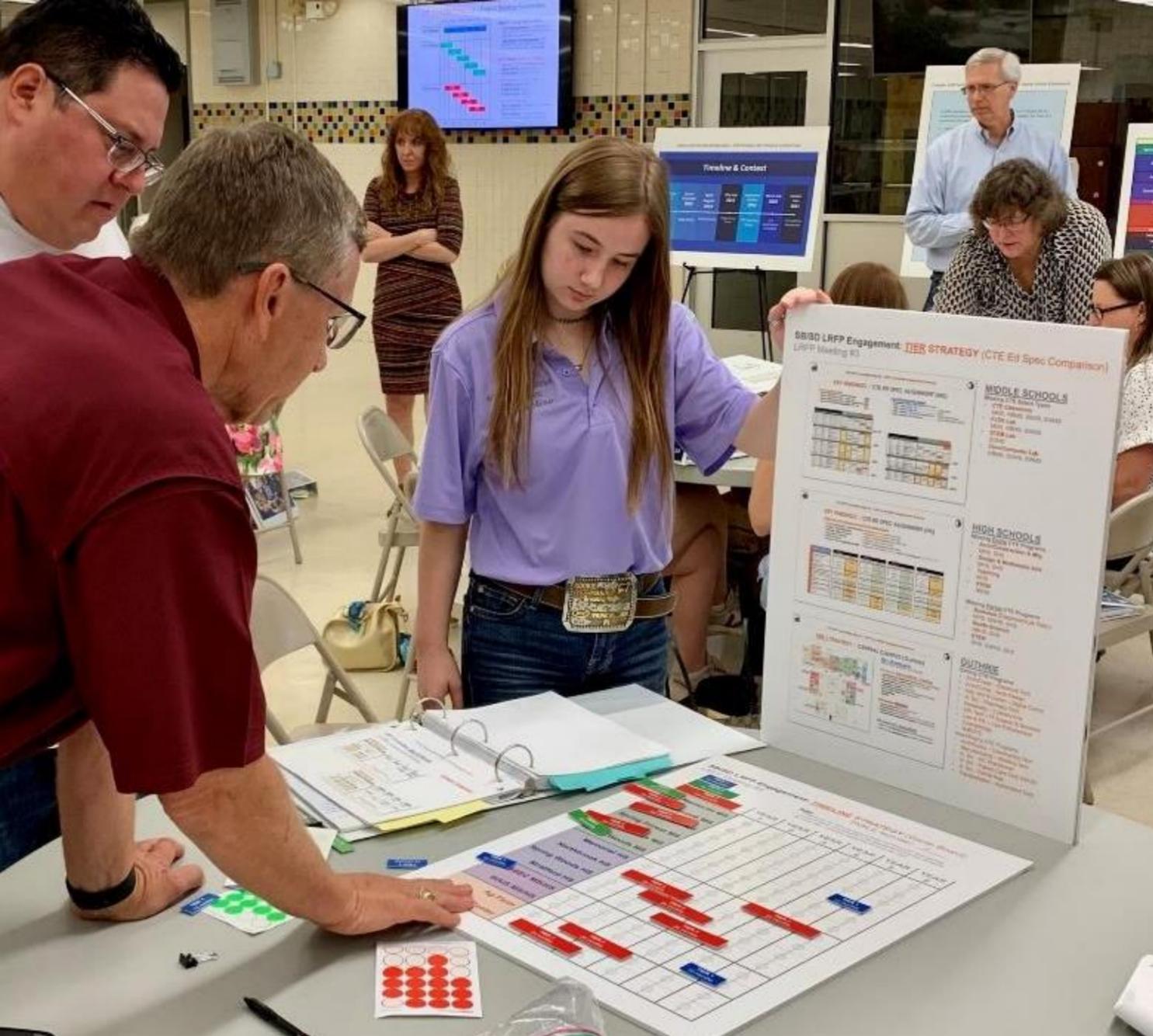
Tier Strategy + Timeline

- TIER 1  
12 months
- TIER 2  
18 months
- TIER 3  
24 months

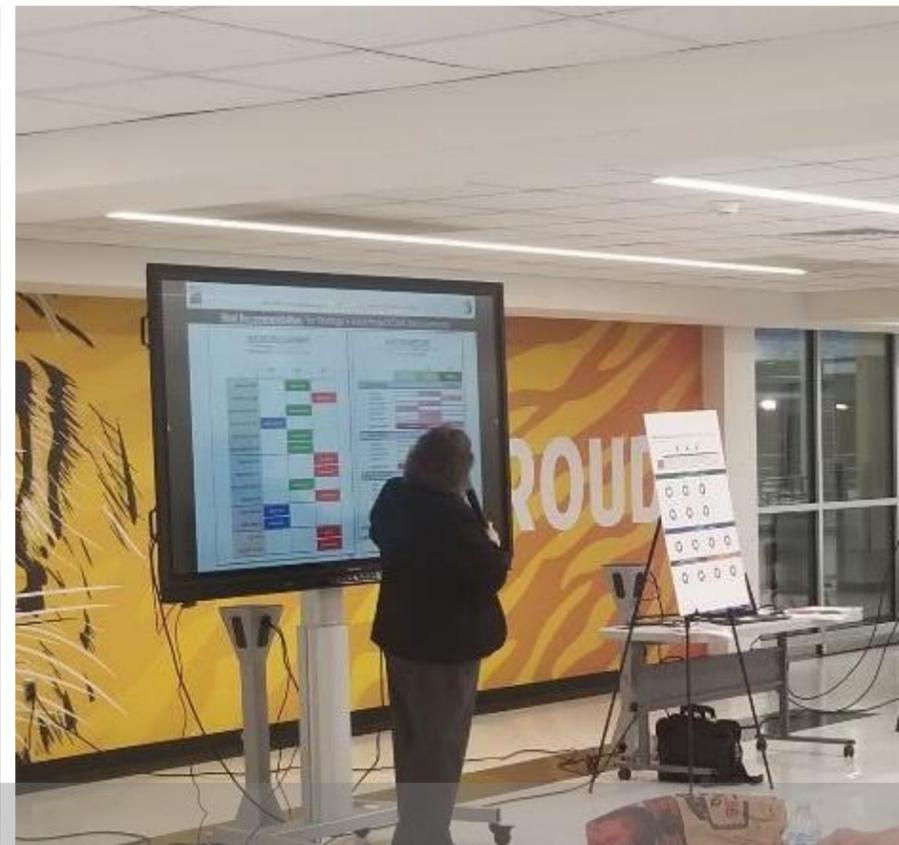
	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Memorial MS						
Northbrook MS						
Spring Branch MS						
Spring Forest MS						
Spring Oaks MS						
Spring Woods MS						
Memorial HS						
Northbrook HS						
Spring Woods HS						
Stratford HS						
SBEC MS/HS						
WAIS MS/HS						
Ag Farm						
Guthrie Center						
	7	7	7	7	7	7



**LRFP Mtg#2 Engagement | Individual Input: Tier Strategy**



**LRFP Mtg#3 Engagement | Consensus: 12 Tables + 4 Groups**

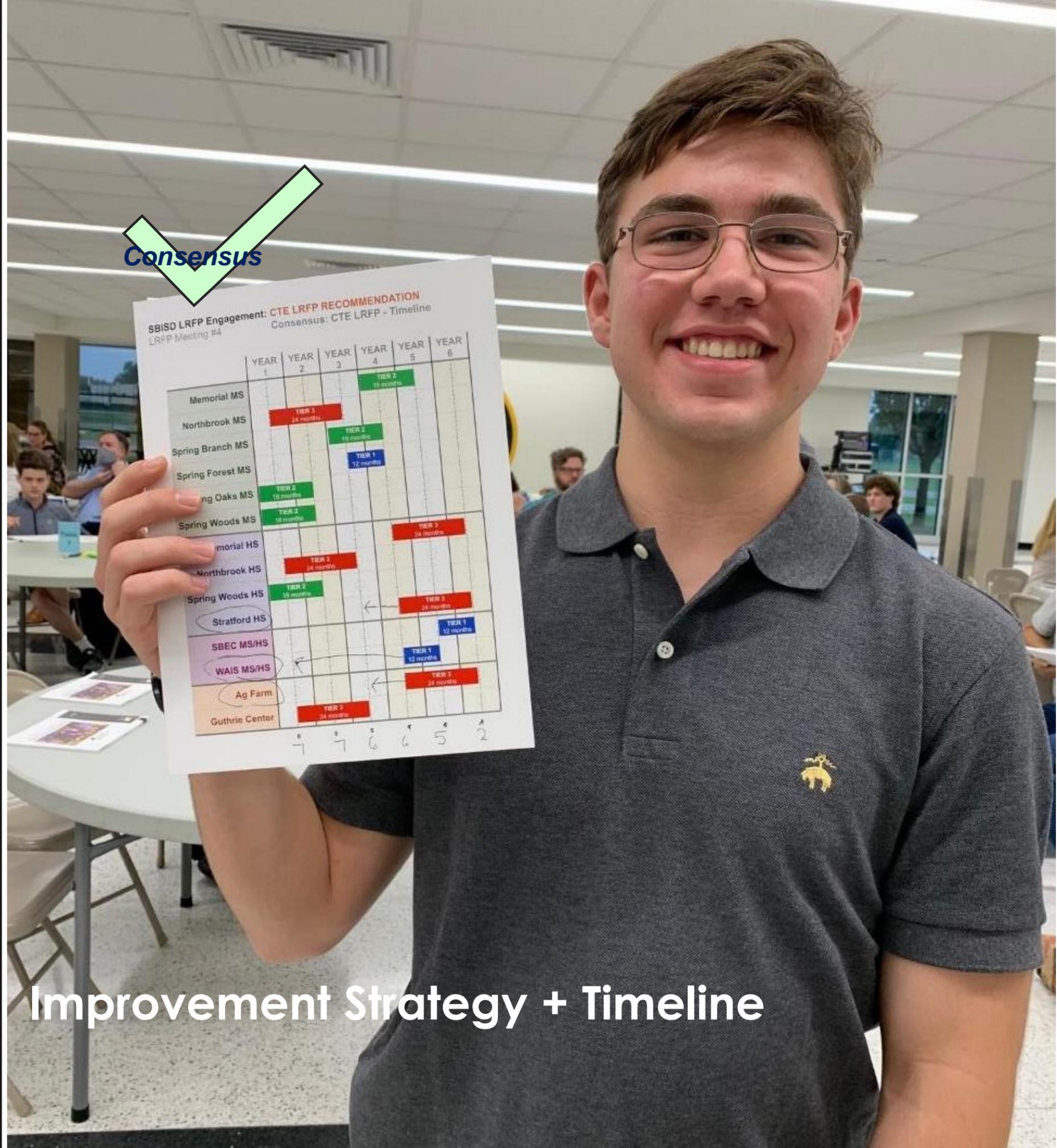


**LRFP Mtg#4 Engagement | Consensus: Committee**

Item

3B

CTE LRFP Recommendation:



Improvement Strategy + Timeline

# CTE Long Range Facility Plan - Tier Strategy Summary

## Middle Schools

- (T2) Memorial
- (T3) Northbrook
- (T2) Spring Branch
- (T1) Spring Forest
- (T2) Spring Oaks
- (T2) Spring Woods

## High Schools

- (T3) Memorial
- (T3) Northbrook
- (T2) Spring Woods
- (T3) Stratford

## Specialty MS/HS

- (T1) SBEC MS/HS
- (T1) WAIS MS/HS

## Central Campus

- (T3) Ag Farm
- (T3) Guthrie

	TIER 1	TIER 2	TIER 3
Memorial MS		Memorial MS	
Northbrook MS			Northbrook MS
Spring Branch MS		Spring Branch MS	
Spring Forest MS	Spring Forest MS		
Spring Oaks MS		Spring Oaks MS	
Spring Woods MS		Spring Woods MS	
Memorial HS			Memorial HS
Northbrook HS			Northbrook HS
Spring Woods HS		Spring Woods HS	
Stratford HS			Stratford HS
SBEC MS/HS	SBEC MS/HS		
WAIS MS/HS	WAIS MS/HS		
Ag Farm			Ag Farm
Guthrie Center			Guthrie Center

**TIER 1 "IN PLACE, AS IS"**  
 RENOVATE EXISTING CTE SPACES  
 \$

**TIER 2 "MISSING+IMPROVE ADJACENCIES"**  
 RENOVATE / ADD CTE SPACES  
 \$\$

**TIER 3 "MEET CTE ED SPECIFICATIONS"**  
 RENOVATE / ADD CTE SPACES  
 \$\$\$\$

# CTE Long Range Facility Plan - Timeline Summary

## Key Planning Information:

- **“Mid-year completion”** is ideal time to for a project to allow for typical school start (August school start)
- **“Tier Strategy timeline duration”** are proposed construction time frames (12 months, 18 months, 24 months)

## LRFP Planning Guidelines

- **“Prioritize” LRFP Projects on Timeline**  
 Higher Priority: Closer to Year 1  
 Lower Priority: Closer to Year 6
- **Maximum Limits / Single Year**  
 3 Middle Schools / Year  
 2 High Schools / Year  
 7 Total Projects / Year
- **Helpful Planning Tips**  
 “Tier 3” projects = Spread across timeline (longest duration)  
 “Tier 1” projects = Location might be driven by maximum limit / single year

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
<b>Memorial MS</b>				TIER 2 18 months		
<b>Northbrook MS</b>		TIER 3 24 months				
<b>Spring Branch MS</b>			TIER 2 18 months			
<b>Spring Forest MS</b>			TIER 1 12 months			
<b>Spring Oaks MS</b>	TIER 2 18 months					
<b>Spring Woods MS</b>	TIER 2 18 months					
<b>Memorial HS</b>				TIER 3 24 months		
<b>Northbrook HS</b>		TIER 3 24 months				
<b>Spring Woods HS</b>	TIER 2 18 months					
<b>Stratford HS</b>			TIER 3 24 months			
<b>SBEC MS/HS</b>					TIER 1 12 months	
<b>WAIS MS/HS</b>	TIER 1 12 months					
<b>Ag Farm</b>			TIER 3 24 months			
<b>Guthrie Center</b>		TIER 3 24 months				
	7	7	7	6	5	2

# Consensus Achieved!



CTE LRFP Members  
Consensus Vote at Mtg4

### TIER STRATEGY SUMMARY

Tier Strategy: Tier 1, Tier 2, Tier 3  
Building Type: MS, HS, MS/HS, Central

	TIER 1	TIER 2	TIER 3
Memorial MS		Memorial MS	
Northbrook MS			Northbrook MS
Spring Branch MS		Spring Branch MS	
Spring Forest MS	Spring Forest MS		
Spring Oaks MS		Spring Oaks MS	
Spring Woods MS		Spring Woods MS	
Memorial HS			Memorial HS
Northbrook HS			Northbrook HS
Spring Woods HS		Spring Woods HS	
Stratford HS			Stratford HS
SBEC MS/HS	SBEC MS/HS		
WAIS MS/HS	WAIS MS/HS		
Ag Farm			Ag Farm
Guthrie Center			Guthrie Center

CTE LRFP Committee Mtg #4 | LRFP Committee Engagement Activity

### "FINAL" Recommendation: Final Individual Consensus Vote – CONSENSUS VOTE

**CTE Long Range Facility Plan Process**  
Individual Consensus Vote

**LRFP-C CONSENSUS**

**Consensus:**  
Agreement, harmony, concurrence, unanimity, solidarity  
General agreement – "a consensus among judges"

At this time are you agree with the CTE LRFP Committee prepared to make a recommendation to the SBISD Board of Trustees that you are in support of the recommended CTE Long Range Facility Plan?

Member Name: \_\_\_\_\_

I Support the recommendation

Signature: \_\_\_\_\_ LRFP Committee Member

...I Do NOT Support the Recommendation for the following Reason(s):  
\_\_\_\_\_  
\_\_\_\_\_

### LRFP TIMELINE PARAMETERS

Timeline: 5 Year Total, Mid-Year Completion  
Max Limits/Year: 7 Projects, 3 MS, 2 HS

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Memorial MS				TIER 2 10 months		
Northbrook MS		TIER 3 24 months				
Spring Branch MS			TIER 2 18 months			
Spring Forest MS				TIER 1 12 months		
Spring Oaks MS	TIER 2 18 months					
Spring Woods MS	TIER 2 18 months					
Memorial HS				TIER 3 24 months		
Northbrook HS		TIER 3 24 months				
Spring Woods HS	TIER 2 18 months					
Stratford HS			TIER 3 24 months			
SBEC MS/HS					TIER 1 12 months	
WAIS MS/HS	TIER 1 12 months					
Ag Farm			TIER 3 24 months			
Guthrie Center	TIER 3 24 months					

Consensus Vote = Support of LRFP-C Recommendation

# CTE Long Range Facilities Plan – Yr. 2021 Informational Cost Data

	\$	\$\$\$	\$\$\$\$
	TIER 1	TIER 2	TIER 3
<b>MIDDLE SCHOOLS</b>	<b>\$32,345,310</b>		
MEMORIAL		\$4,896,253	
NORTHBROOK			\$5,940,438
SPRING BRANCH		\$5,629,381	
SPRING FOREST	\$3,011,283		
SPRING OAKS		\$6,706,315	
SPRING WOODS		\$6,161,640	
<b>ROLLING TOTALS</b>	<b>\$3,011,283</b>	<b>\$23,393,589</b>	<b>\$5,940,438</b>
<b>HIGH SCHOOLS</b>	<b>\$67,761,815</b>		
MEMORIAL			\$14,581,304
NORTHBROOK			\$17,975,257
SPRING WOODS		\$15,025,144	
STRATFORD			\$20,180,110
<b>ROLLING TOTALS</b>	<b>\$0</b>	<b>\$15,025,144</b>	<b>\$52,736,671</b>
<b>SPECIALTY SCHOOLS</b>	<b>\$118,883,999</b>		
SBEC	\$1,879,834		
WAIS	\$2,493,462		
CENTRAL - AG FARM			\$25,462,662
CENTRAL - GUTHRIE			\$89,048,041
<b>ROLLING TOTALS</b>	<b>\$4,373,296</b>	<b>\$0</b>	<b>\$114,510,703</b>
<b>TOTAL BY TIER</b>	<b>\$7,384,579</b>	<b>\$38,418,733</b>	<b>\$173,187,812</b>
TECHNOLOGY SYSTEM CAPACITY			\$12,100,000
<b>LRFPC RECOMMENDATION</b>	<b>\$231,091,124</b>		

## COST ASSUMPTIONS

Soft Cost + Hard Cost = **TOTAL Project Cost**  
 Current Cost = \$\$ Yr2021

*Applying the "Tier Strategy" Recommended by the LRFPC Committee...*

*This chart illustrates the associated "Order of Magnitude Cost" In current \$\$ Yr2021.*

*"Future Cost" Data will need to be adjusted to account for escalation at the appropriate time.*

**THE PROJECT COST DATA IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.**



# Questions?

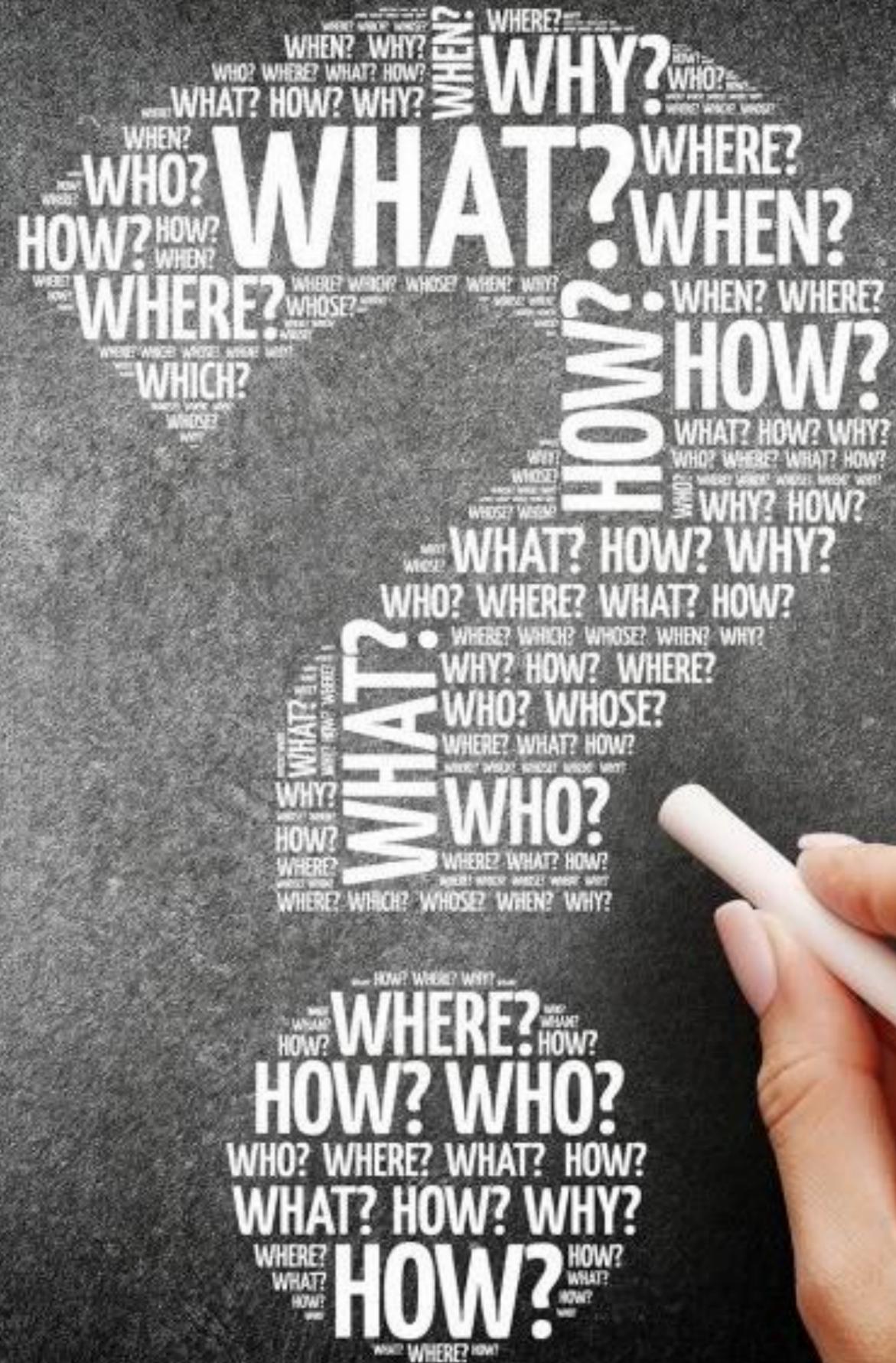
**CTE LONG RANGE  
FACILITIES PLAN  
RECOMMENDATION**

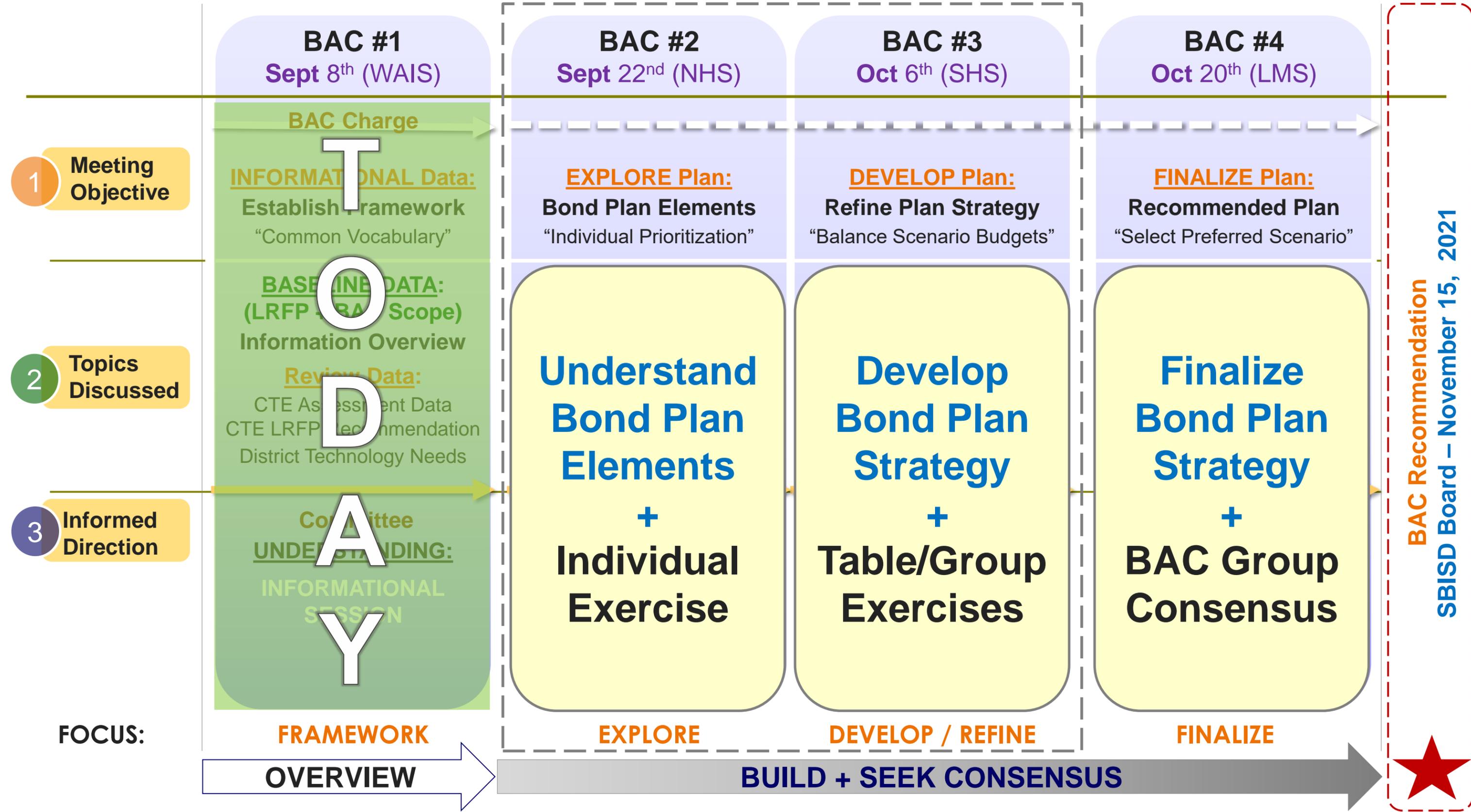
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**NEXT MEETING:**

Sept 22, 2021





## CTE BAC Committee Mtg #2: What should I expect?



&

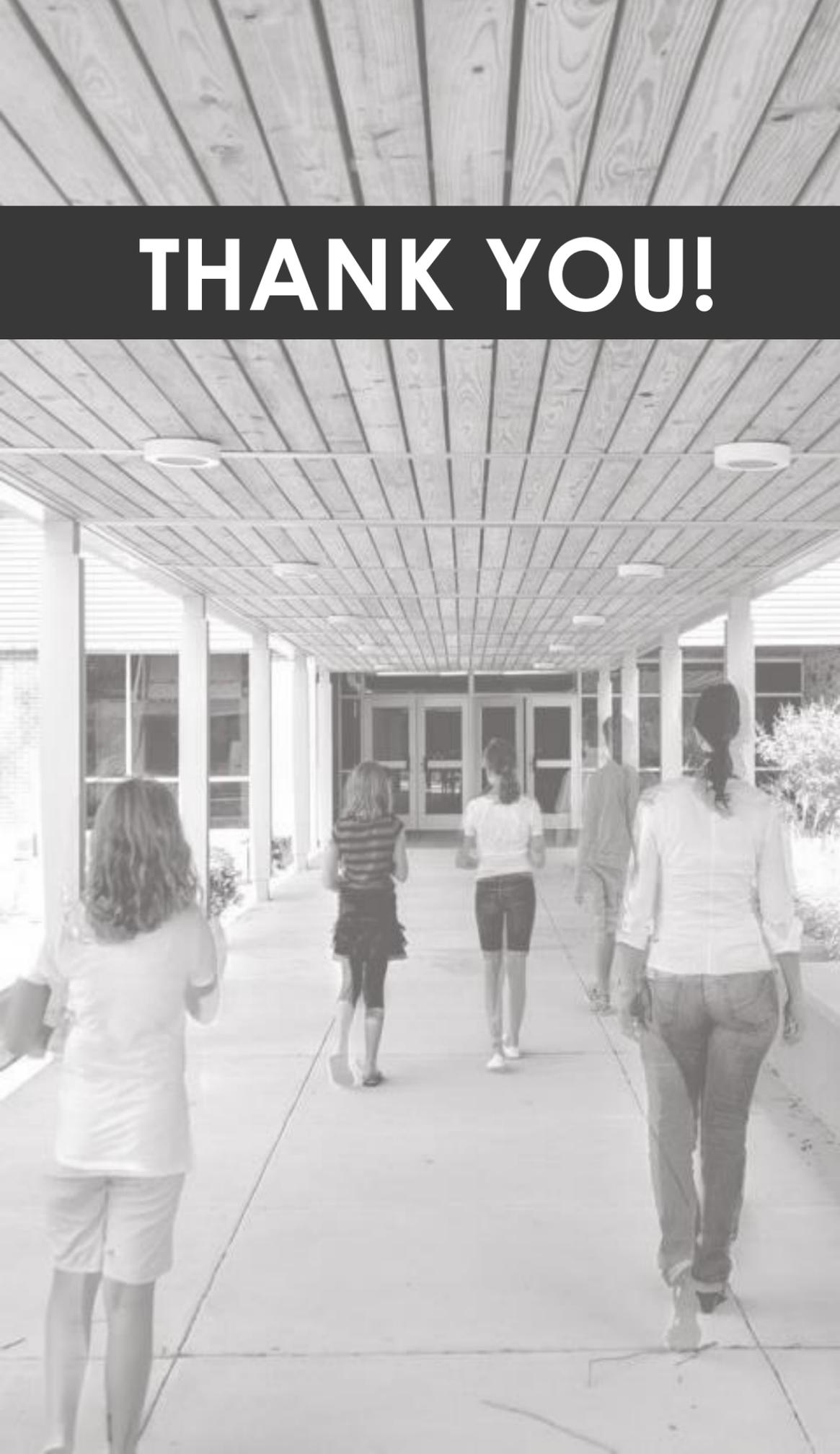


### **Bond Planning Elements:**

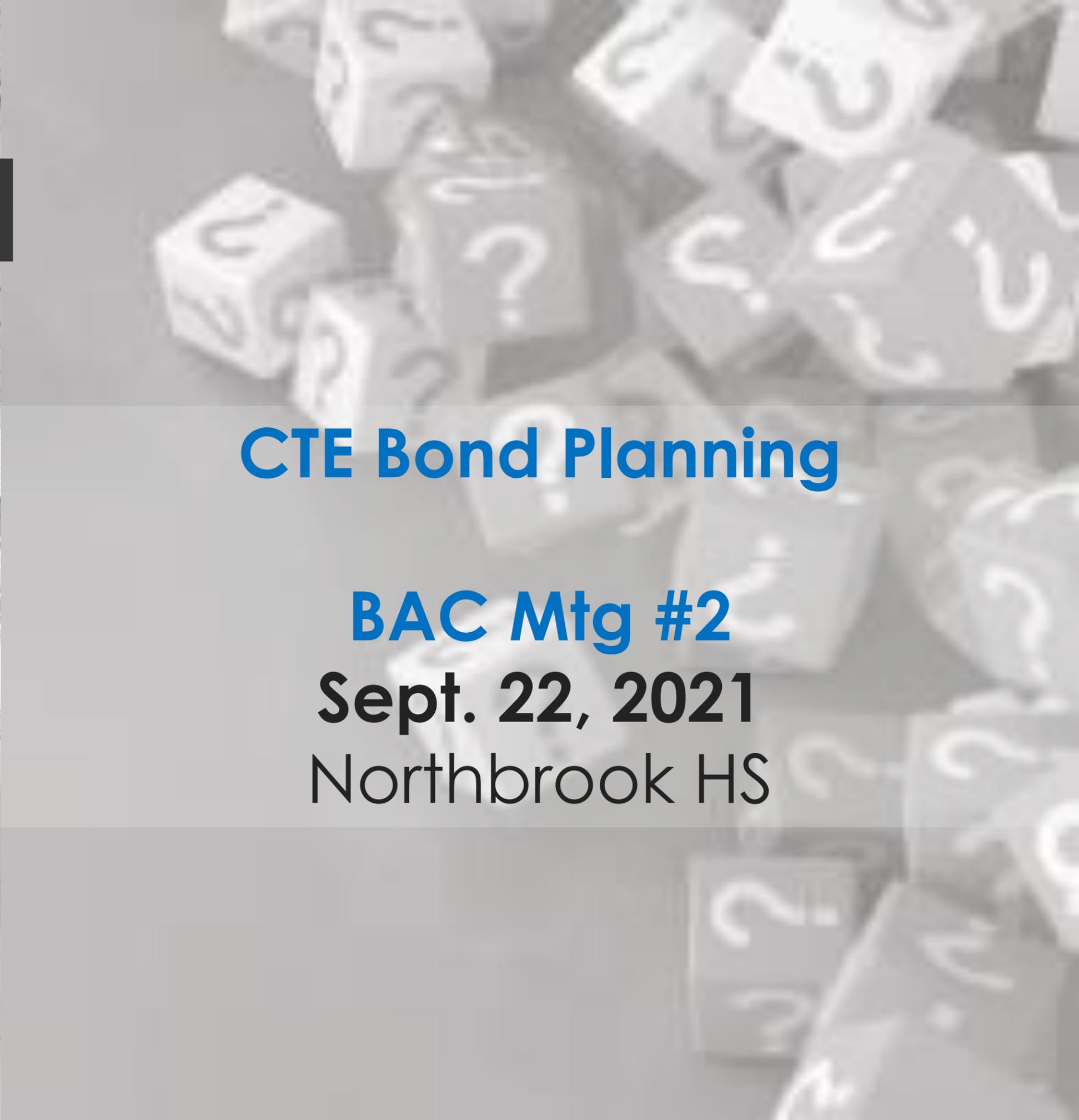
- Bond Finance Information
- Bond Proposition Rules
- CTE Scope “Future” Cost

### **Engagement Activity:**

- Individual Exercise
- Prioritization of CTE Scope



**THANK YOU!**



**CTE Bond Planning**

**BAC Mtg #2**

**Sept. 22, 2021**

**Northbrook HS**