



Spring Branch ISD  
**Career & Technical  
Education**



# CTE Long Range Facility Planning LRFP Committee | Meeting #2

June 8, 2021



# Agenda: LRFP Committee Meeting #2

10 Minutes

- **CTE LRFP Committee Charge**
- **CTE LRFP Mtg#1 Recap**

1

15 Minutes  
10 Minutes  
05 Minutes

- **CTE Assessment Findings** – Campus existing “snapshots”
- **CTE Assessment Impact** – CTE “lens/filter” for LRFP Game
- **CTE Assessment Tier Strategy** – 2 more “examples”: NBMS + SHS

2

05 Minutes  
**40 Minutes**  
05 Minutes

- **LRFP Committee Engagement: “LRFP Individual Game”**
  - 05 min = Game Set-up (Objective, Tools + Rules of Game)
  - **20 min = LRFP Individual Game** (Strategy Development)
  - **20 min = Report Out** (1 Person / Table + Group Discussion)
  - 05 min = Collect the “Game Cards” from LRFPC members

3

5 Minutes

- **What to Expect at LRFP Mtg#3**
- **Closing Remarks**



## CTE Long Range Facility Plan Committee - Charge

- The SBISD Board of Trustees will appoint a **Career and Technical Education (CTE) Long Range Facilities Committee (The Committee)** comprised of parents, students, staff, community members, business representatives, and administrators to participate in the development of the SBISD CTE Long Range Facilities Plan.
- **The Committee will function in an advisory capacity** to the SBISD Board of Trustees, Superintendent and Senior Staff. The Committee will consider the District's vision for the future of CTE, the conditions and capacities of its existing classrooms, labs, and facilities, and future CTE-related facility needs.
- **The Committee will present recommendations to the Board of Trustees** by \_\_\_\_\_.  
The Board of Trustees will receive and review the Committee's recommendations.  
**The Board of Trustees will be responsible for final approval of a CTE Long Range Facilities Plan and its execution.**

## CTE Long Range Facility Plan Committee – Scope of Work

- **Develop and present to the Board of Trustees a CTE Long-Range Facilities Plan to serve the district as a baseline for the next 10 years.** The Plan should include recommendations related to upgrades, renovations, and/or expansions to existing classrooms, labs, and facilities to align with the CTE Program of Studies, and where appropriate, identify facilities to be replaced or added to the portfolio.

## CTE Long Range Facility Plan Committee – Refrain from

- **Recommendations regarding specific design** of schools or district facilities, **location(s)** of schools or district facilities or **boundaries** of district facilities,
- **Recommendations regarding instructional arrangements** and/or **educational pedagogy** and **district policy** as the CTE Long Range Facilities Plan is developed

# CTE Long Range Facility Plan Committee – 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 who participated in the CTE Task Force, while also including individuals with expertise in the areas aligned with our CTE program. **Individuals accepting membership should be able to attend at least 80 percent of the scheduled meetings.**



**2 Co-Chairs**

**Ed Valicek  
Shannon McNary**

## CTE LRFP Committee:

Category	Number	Total Number
Parents	1/middle and high school campus	14
Students	1/high school	7
Business Representatives		10
Higher Education Representatives		4
Community Members		10
Certified Staff (Teachers, Counselors)	1 Middle/1 High/1 Special Program	12
Principals /Assistant Principals	(1 Principal and 1 Assistant Principal per High/High School Feeder Pattern, 1 Central CTE Program, 1 Special Program)	10
Central Administrators		6
Trustees – Non Voting Members		2
<b>Total</b>		<b>75</b>



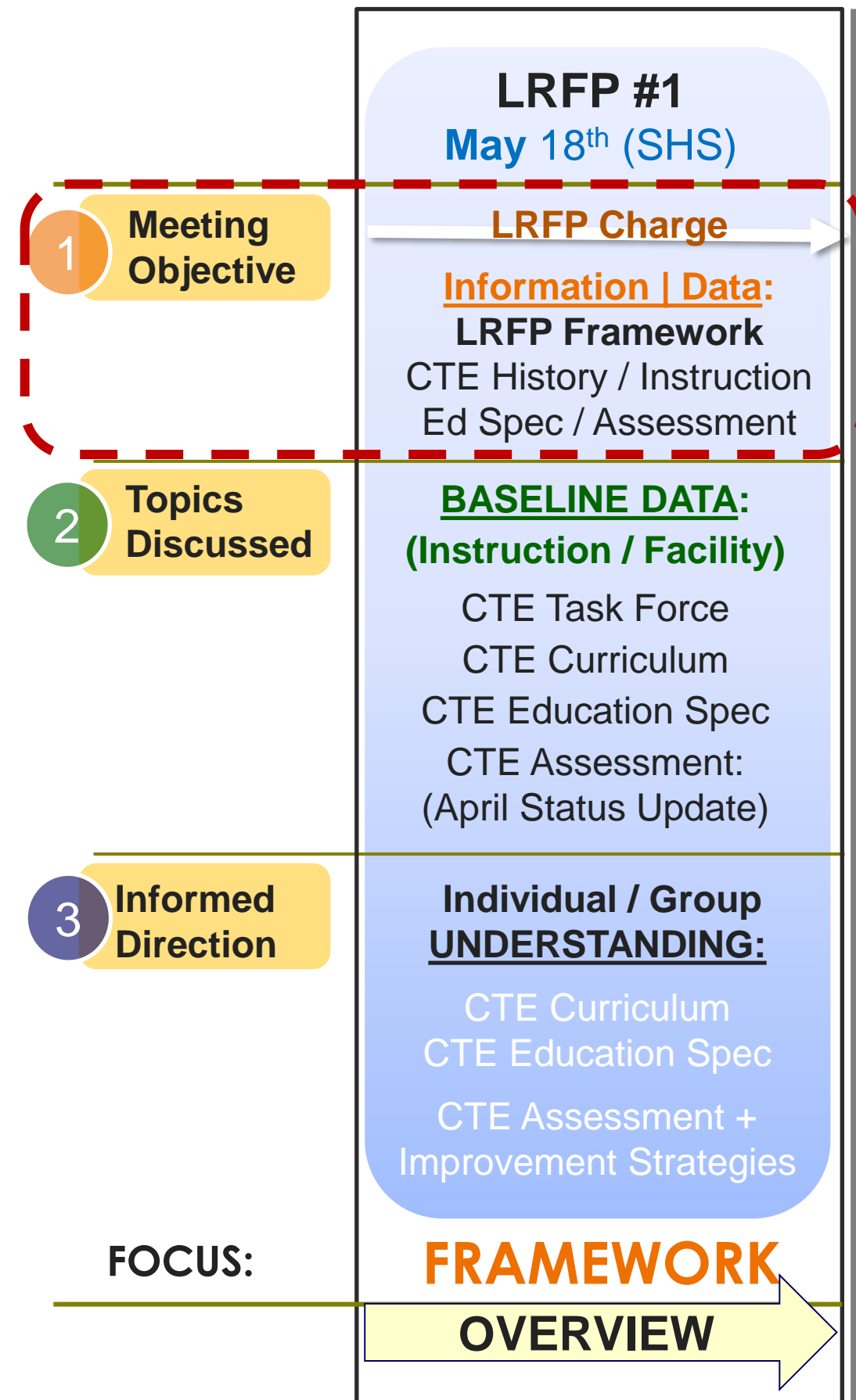
**75**

**Participants**

**45 = Parent, Student + Community Reps**  
SBISD Secondary Campuses  
Higher Education + Business Community

**22 = SBISD Secondary Campus Staff**  
Leaders + Instruction

**08 = SBISD Administrator + Trustees**



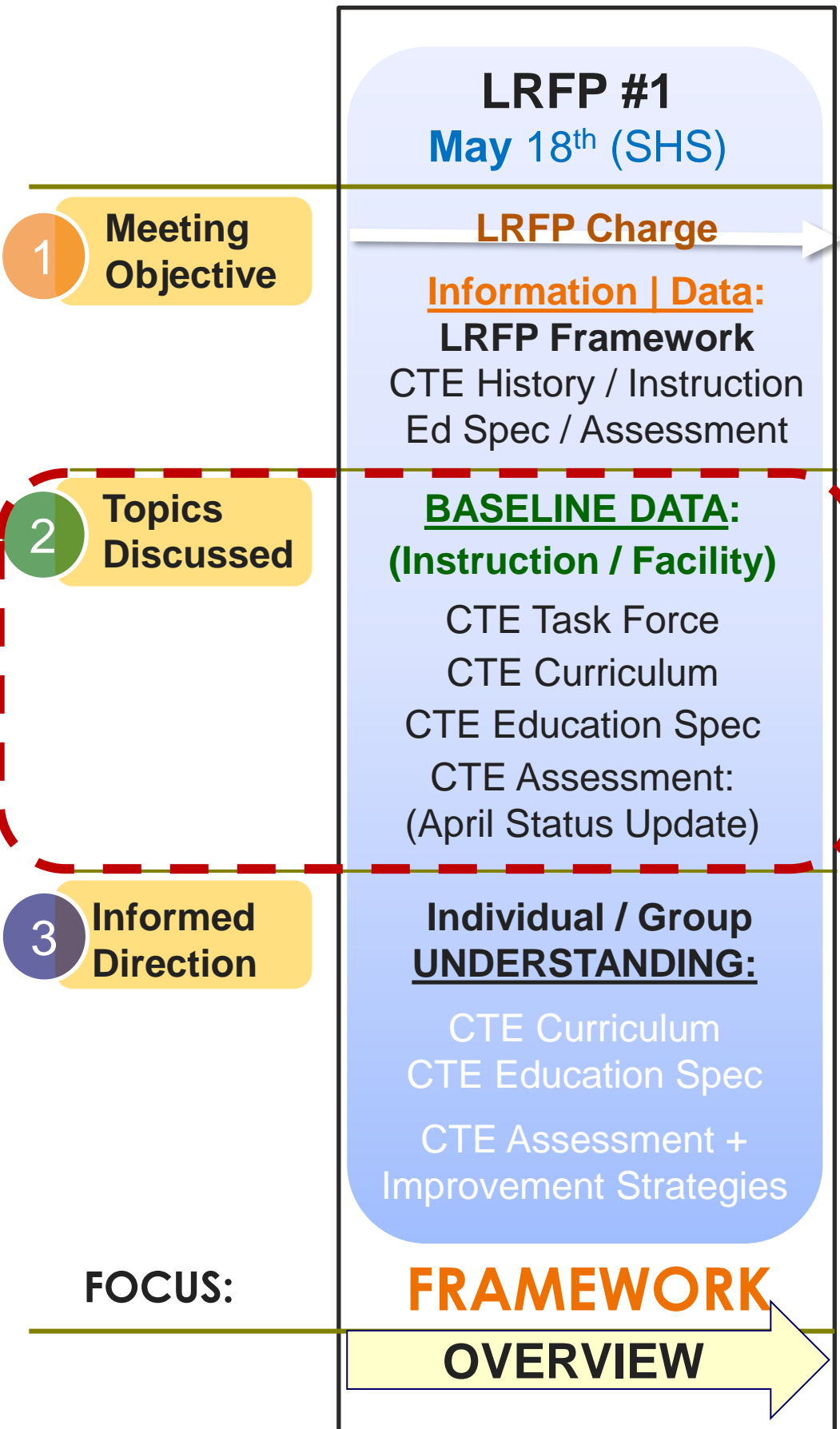
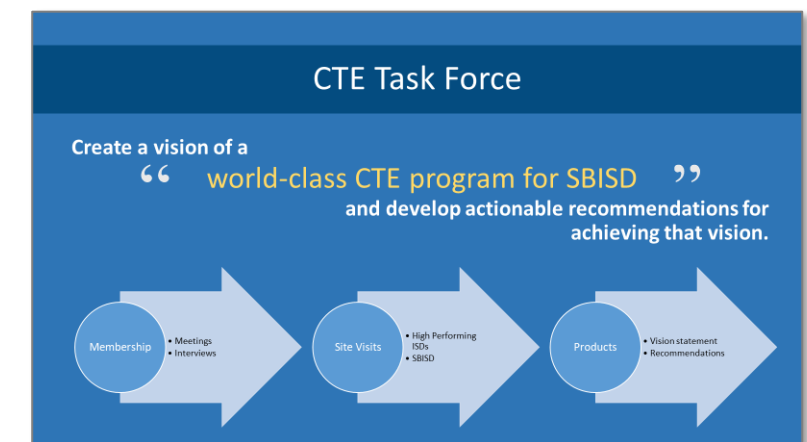
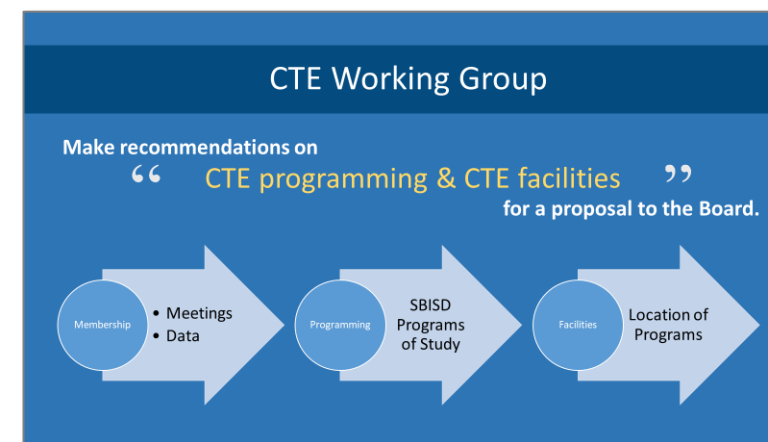
# LRFP Committee Mtg #1 Recap: Reminder of what we covered....

CTE Long Range Facilities Planning   LRFP Committee Meeting #1	
Meeting #1 Agenda	
5 Minutes	• Introductions   CTE LRF Committee Charge – SBISD   Stantec
1 40 Minutes + 5 Min Q/A	• CTE Task Force   Survey   Working Group – SBISD CTE • CTE Education Programs   Business Partnership – SBISD CTE
2 20 Minutes + 5 Min Q/A	• CTE Education Specifications – Stantec • CTE Facilities Assessment Update – Stantec
3 10 Minutes	• What to Expect at LRFP Mtgs – Stantec
5 Minutes	• Closing Remarks – SBISD

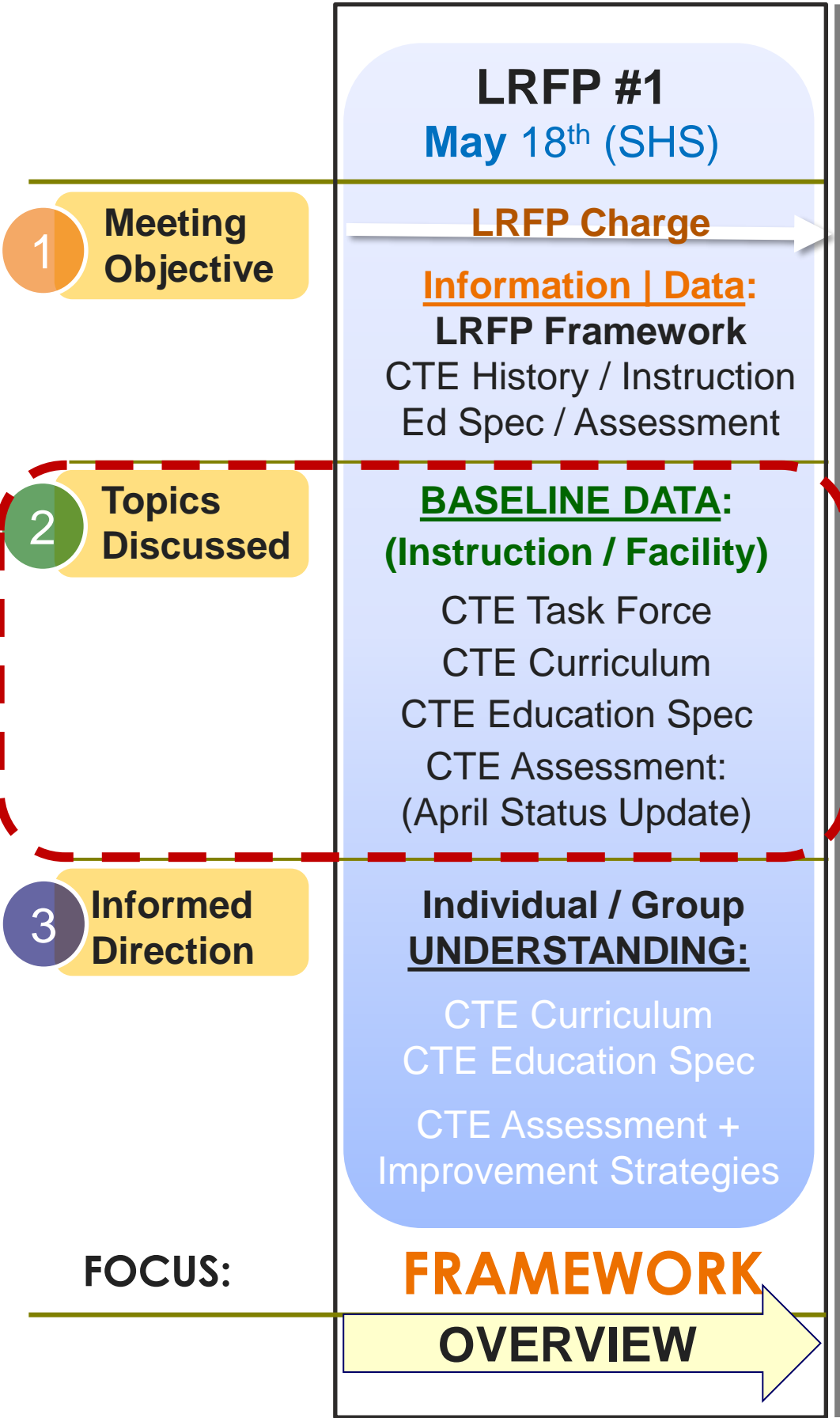
# LFRP Committee Mtg #1 Recap: Reminder of what we covered....



**CTE Instruction:**  
Timeline, History,  
Context & Programs

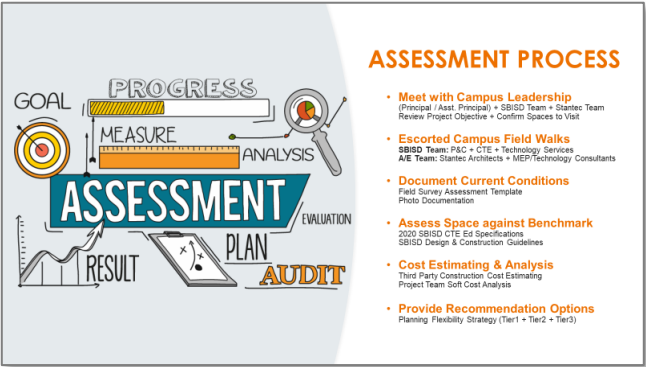






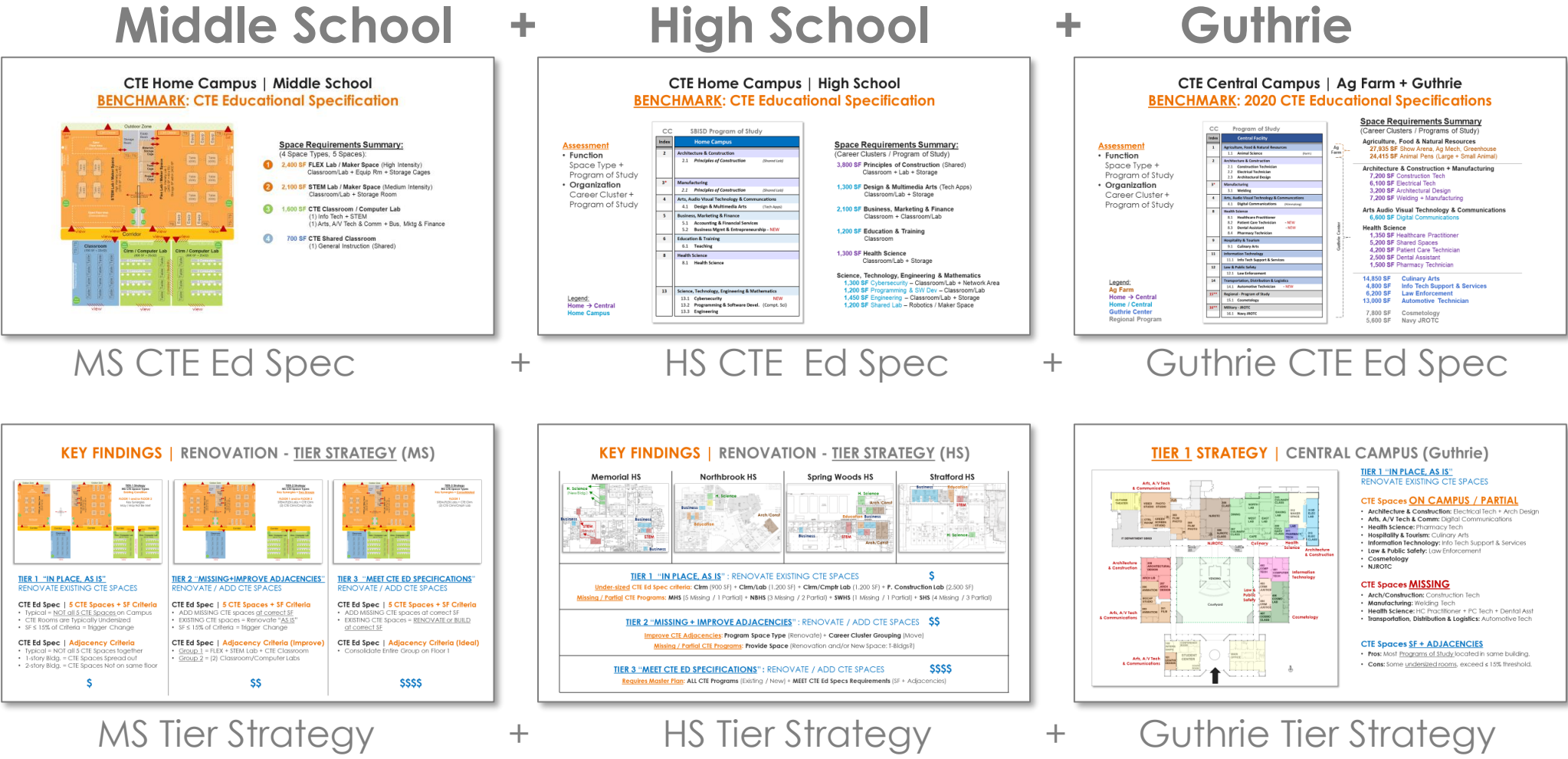
# LFRP Committee Mtg #1 Recap:

## Reminder of what we covered....



## CTE Facilities Assessment :

Assessment Process,  
CTE Ed Spec Benchmark,  
Assessment Status Update



# Item

# 1

## CTE Facilities Assessment:

Findings: Campus “existing” snapshots  
Impact: CTE “lens/filter” for LRFP Game  
Tier Strategy: NBMS + SHS examples

## 15 SECONDARY CAMPUS LOCATIONS

### Home Campus Locations

#### 7 Middle School Campuses

Landrum MS (Pilot)  
Memorial MS  
Northbrook MS  
Spring Branch MS  
Spring Forest MS  
Spring Oaks MS  
Spring Woods MS

#### 2 Specialty MS/HS Campuses

SBEC (Cornerstone, Academy of Choice)  
WAIS (Westchester Academy of Int. Studies)

#### 4 High School Campuses

Memorial HS  
Northbrook HS  
Spring Woods HS  
Stratford HS

### Central Campus Locations

#### 2 Central Campuses

Guthrie Center  
Agricultural Farm





# CTE ASSESSMENT FINDINGS | NEW Landrum MS

## NEW Landrum MS FLOOR PLAN FL1

Lab1: STEM Lab/Maker Space

Lab2: Flex Lab/Maker Space

Clrm/Lab1: Classroom/Computer Lab

Clrm/Lab2: Classroom/Computer Lab

Clrm: Shared Classroom

Floor 1: CTE Spaces



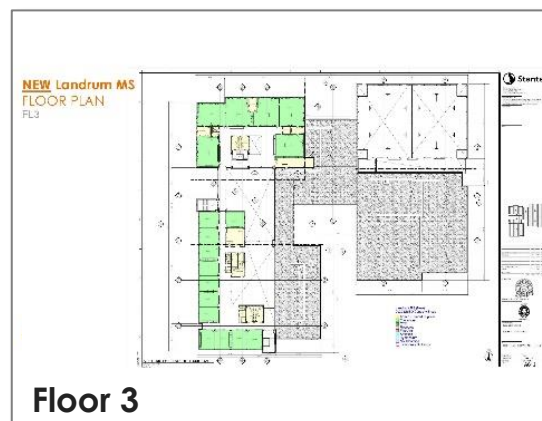
BENCHMARK: New Middle School  
“ALIGNS” with CTE ED SPEC SPACES

### CTE Spaces: SPACE TYPES

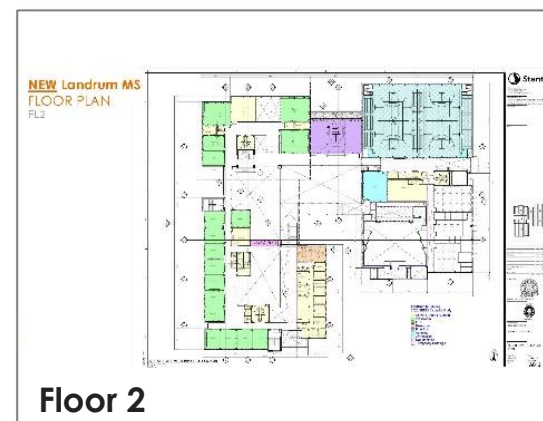
- 1 CTE Classroom
- 2 Clrm/Computer Labs
- FLEX Lab = “Dirty” Lab/Maker Space
- STEM Lab = “Clean” Lab/Maker Space

### CTE Spaces: ADJACENCIES

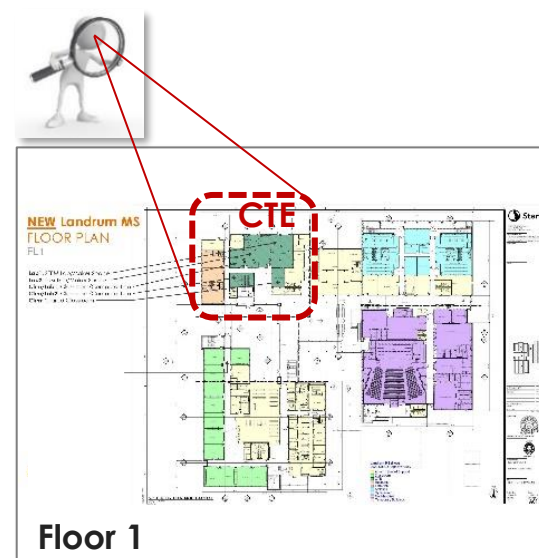
- Two (2) Functional Pairings
  - ✓ STEM / FLEX Labs + CTE Classroom
  - ✓ 2 Classroom/Computer Labs



Floor 3



Floor 2



Floor 1

# CTE ASSESSMENT FINDINGS

# Memorial Middle School

**MISSING  
2 CTE Spaces**

**2 EXTRA  
CTE Spaces  
(2 Clrm/Cmptr Lab)**

## CTE Spaces: MISSING

- **FLEX Lab** = (Potential - Vacant Wood Shop)
- **CTE Classroom**

## CTE Spaces: ON CAMPUS

- **STEM Lab** = FL1 (Rm 125) CTE Class in Science Clrm (Shared)
- **4 Clrm/Computer Labs** = FL2 | Rms 209, 210 + 202B + 225 (Shared)  
Exceeds Criteria

### Memorial MS FLOOR PLAN FL1

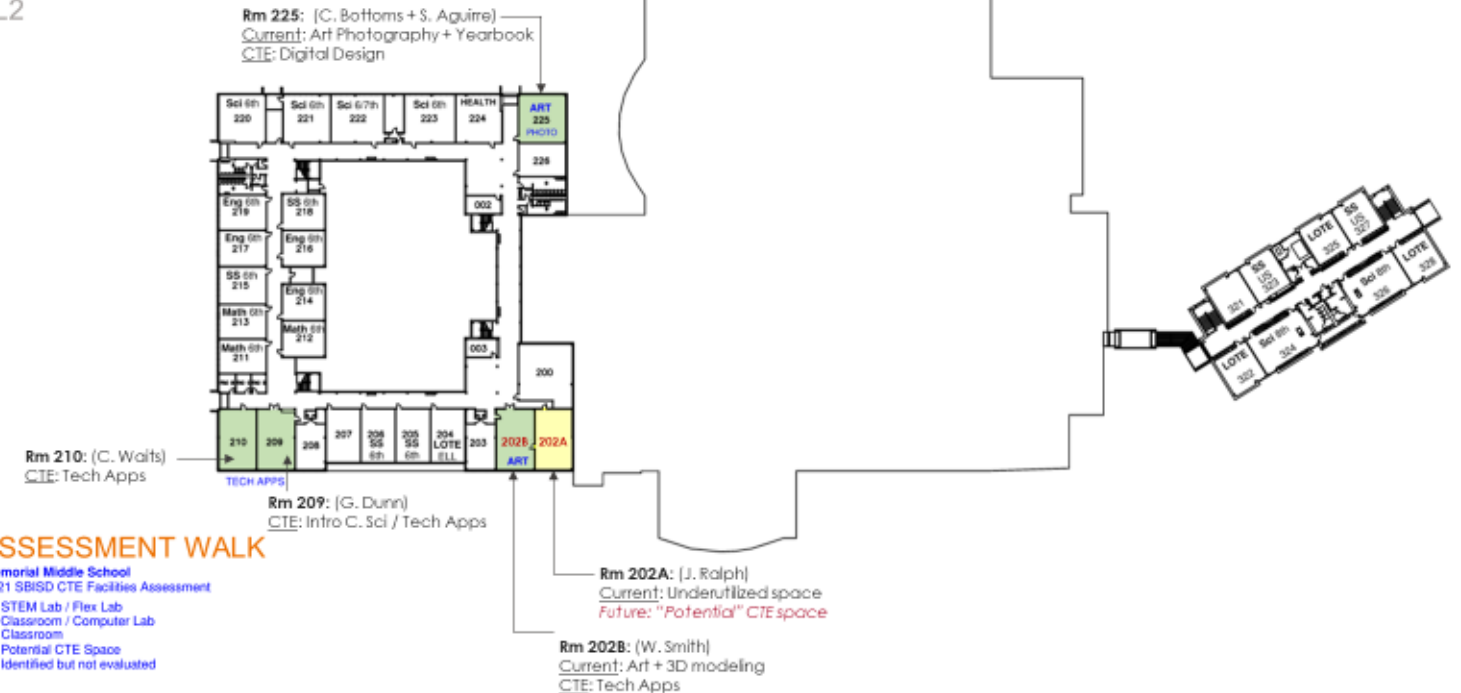


### ASSESSMENT WALK

Memorial Middle School  
2021 SBISD CTE Facilities Assessment

- STEM Lab / Flex Lab
- Classroom / Computer Lab
- Classroom
- Potential CTE Space
- Identified but not evaluated

### Memorial MS FLOOR PLAN FL2



### ASSESSMENT WALK

Memorial Middle School  
2021 SBISD CTE Facilities Assessment

- STEM Lab / Flex Lab
- Classroom / Computer Lab
- Classroom
- Potential CTE Space
- Identified but not evaluated

# CTE ASSESSMENT FINDINGS | Northbrook Middle School

**MISSING  
3 CTE Spaces**

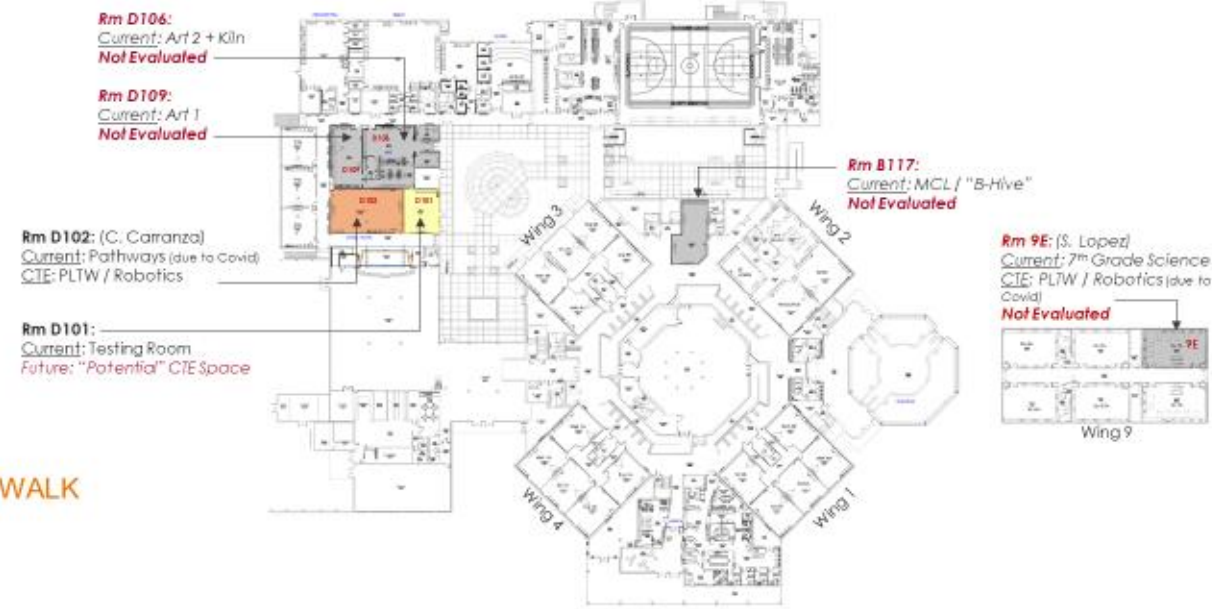
## CTE Spaces: MISSING

- FLEX Lab
- CTE Classroom
- Clrm/Computer Lab

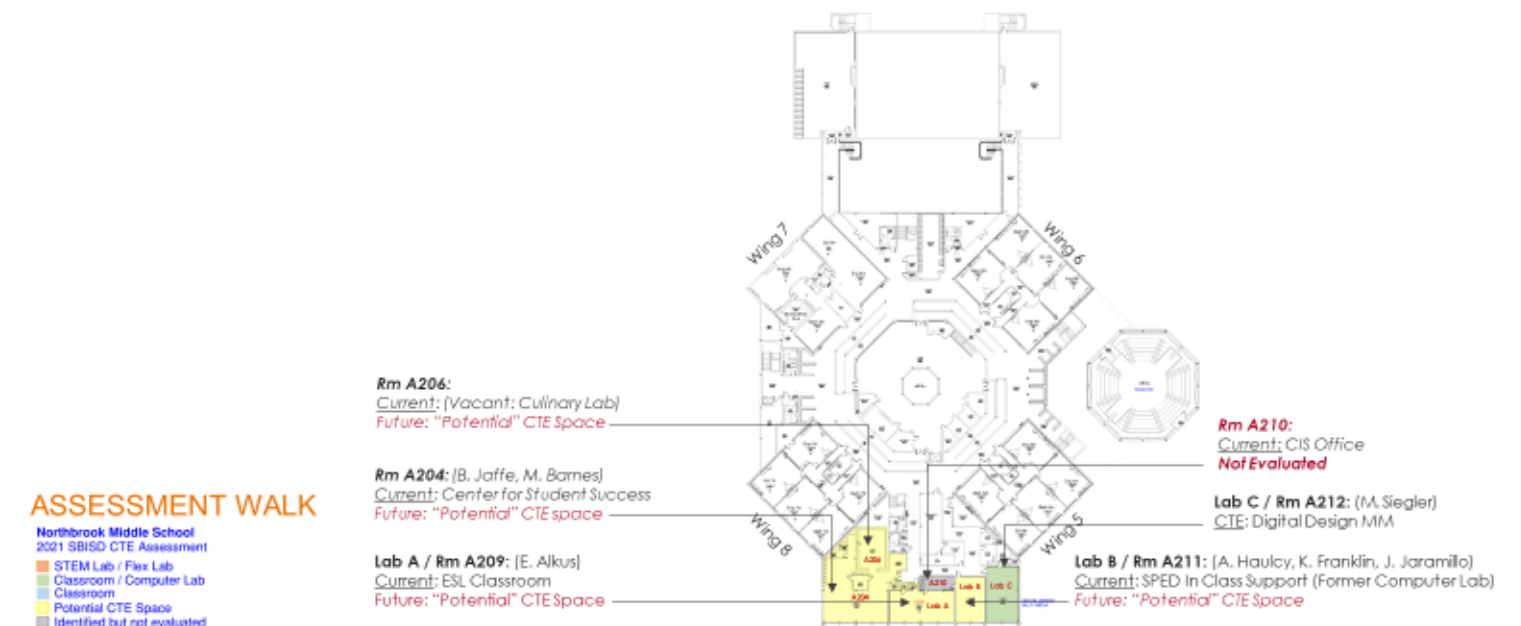
## CTE Spaces: ON CAMPUS

- **STEM Lab** = FL1 (Rm D102 + 9E | Covid)
- **Clrm/Computer Lab** = FL2 (Lab C | Rm A212)

### Northbrook MS FLOOR PLAN FL1



### Northbrook MS FLOOR PLAN FL2





# CTE ASSESSMENT FINDINGS | Spring Branch Middle School

**MISSING  
1 CTE Space**

## CTE Spaces: MISSING

- CTE Classroom

## CTE Spaces: ON CAMPUS

- **FLEX Lab** = FL1 (Rm 617)
- **STEM Lab** = FL1 (Rm 622/623)
- **2 Clrm/Computer Labs** = FL1 (Rm 111 + Rm 319)



# CTE ASSESSMENT FINDINGS | Spring Forest Middle School

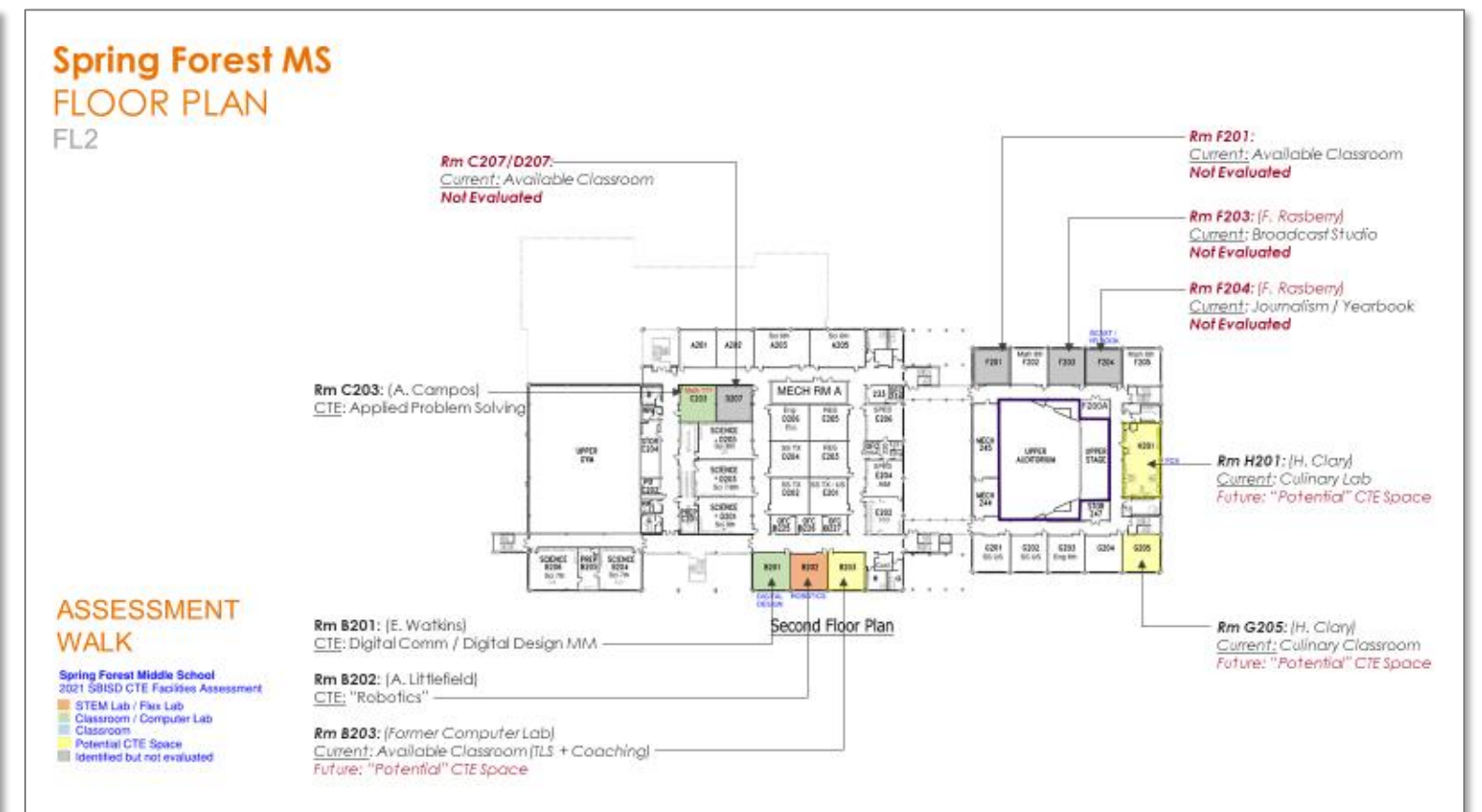
**MISSING  
0 CTE Spaces**

**CTE Spaces: MISSING**

- N/A

**CTE Spaces: ON CAMPUS**

- **FLEX Lab** = FL1 (Rm 127A)
- **CTE Classroom** = FL1 (Rm 127B)
- **STEM Lab** = FL2 (Rm B202 – “Robotics”)
- **2 Clrm/Computer Labs** = FL2 (Rm B201 + Rm C203)



# CTE ASSESSMENT FINDINGS | Spring Oaks Middle School

**MISSING  
2 CTE Spaces**

**CTE Spaces: MISSING**

- STEM Lab
- 1 Clrm/Computer Lab

**CTE Spaces: ON CAMPUS**

- **FLEX Lab** = FL1 (Rm G131)
- **CTE Classroom** = FL1 (Rm A223: Math + "Robotics")
- **1 Clrm/Computer Lab** = FL2 (Rm B211)

## Spring Oaks MS FLOOR PLAN FL1

Rm G130:  
Current: Multi-Purpose Rm  
Future: "Potential" CTE Space

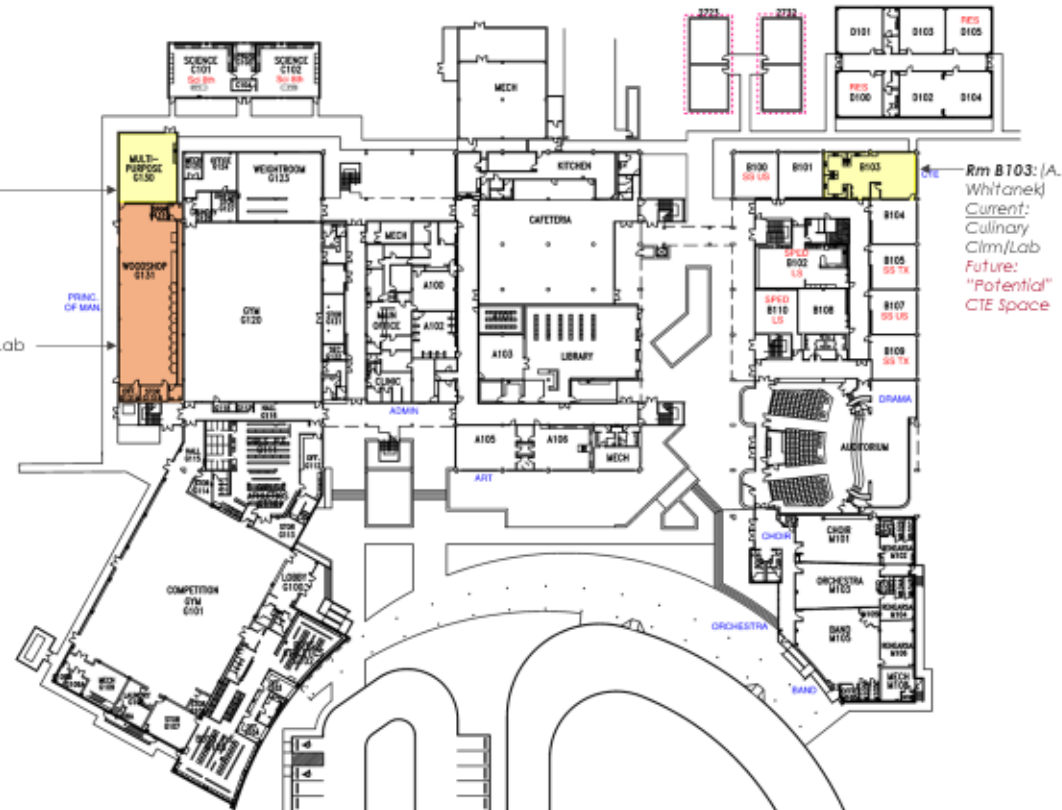
Rm G131: (J. Oekten)  
CTE: Prin. of Manufacturing-Lab

Rm B103: (A. Whitane)  
Current: Culinary  
Clrm/Lab  
Future: "Potential"  
CTE Space

### ASSESSMENT WALK

Spring Oaks Middle School  
2021 SBISD CTE Facilities Assessment

- STEM Lab / Flex Lab
- Classroom / Computer Lab
- Classroom
- Potential CTE Space
- Identified but not evaluated



## Spring Oaks MS FLOOR PLAN FL2

Rm B211: (B. Taylor)  
CTE: Digital Design MM / Tech Apps

Rm B200: (S. Uffs)  
Current: English Classroom 7th Grade  
Future: "Potential" CTE Space

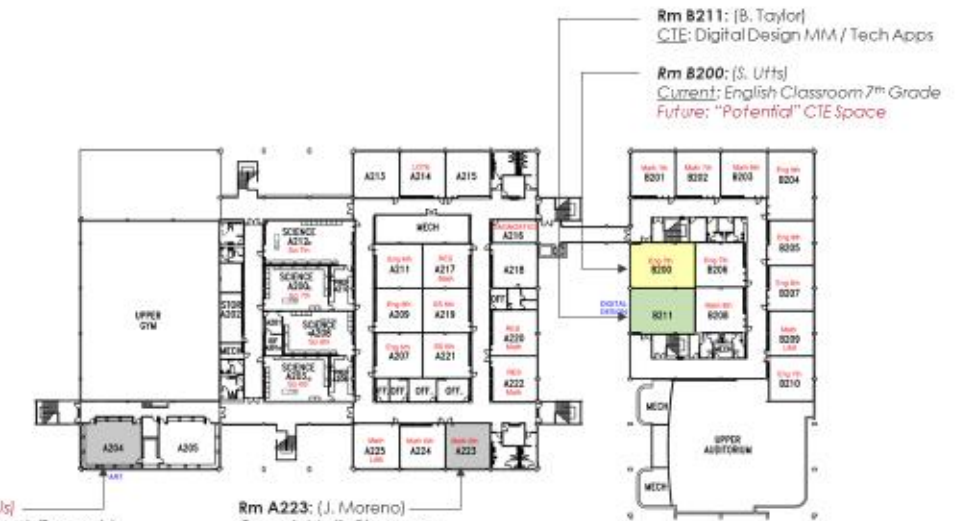
Rm A204: (C. Nichols)  
Current: Art + Yearbook (Tea. only)  
Not Evaluated

Rm A223: (J. Moreno)  
Current: Math Classroom  
CTE: "Robotics" After School Program  
Not Evaluated

### ASSESSMENT WALK

Spring Oaks Middle School  
2021 SBISD CTE Facilities Assessment

- STEM Lab / Flex Lab
- Classroom / Computer Lab
- Classroom
- Potential CTE Space
- Identified but not evaluated





# CTE ASSESSMENT FINDINGS | Spring Woods Middle School

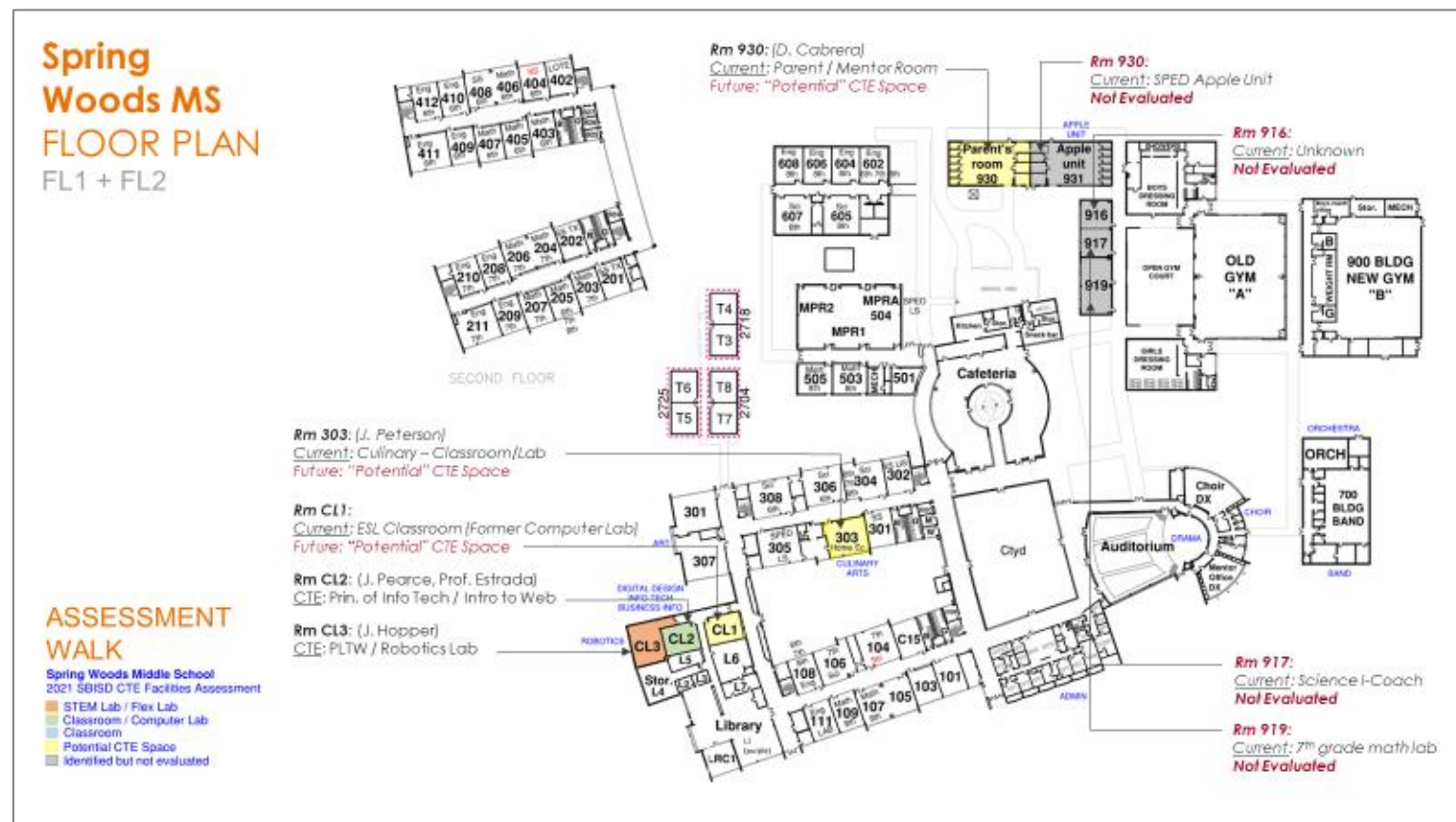
**MISSING  
3 CTE Spaces**

## CTE Spaces: MISSING

- FLEX Lab
- CTE Classroom
- 1 Clrm/Computer Lab

## CTE Spaces: ON CAMPUS

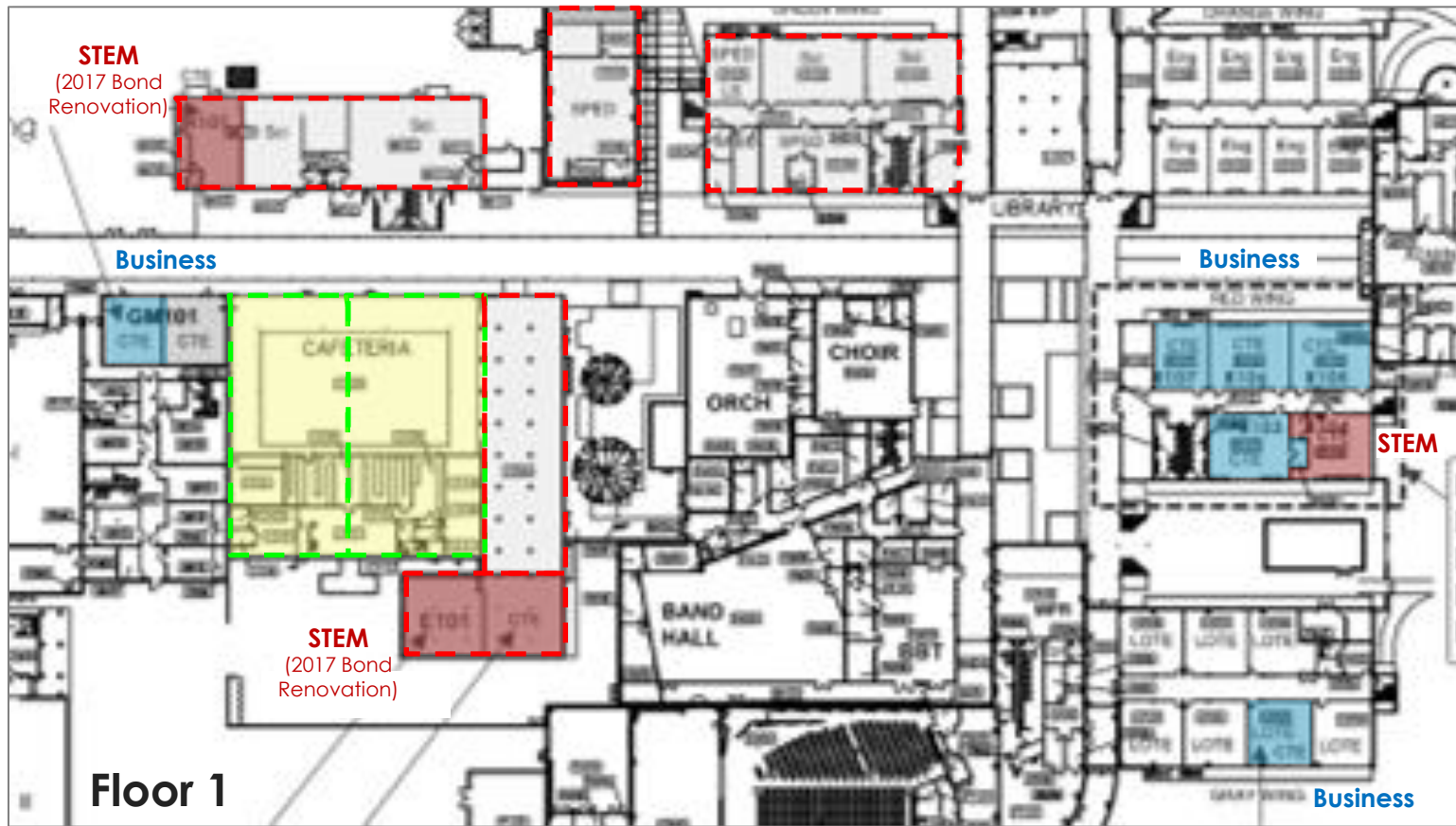
- **STEM Lab** = FL1 (Rm CL3)
- **1 Clrm/Computer Lab** = FL1 (Rm CL2)



# CTE ASSESSMENT FINDINGS

# Memorial High School

## H. Science (2017 Bond Addition)



## CTE Spaces ON CAMPUS

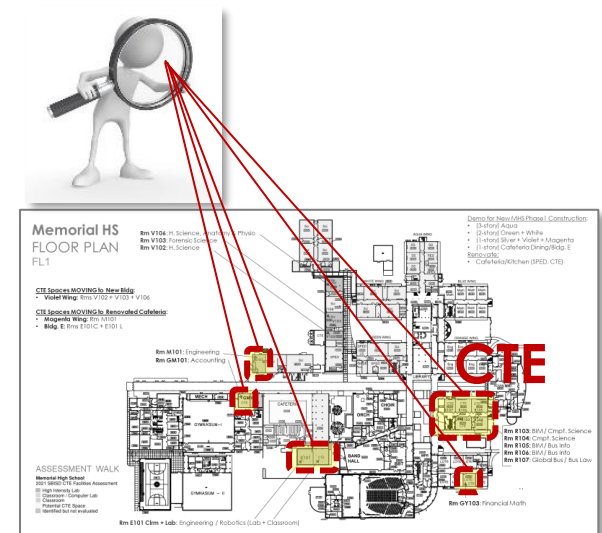
- **Business, Mktg & Fin Svc** = 5 Clrm + 3 Clrm/Cmptr Lab
- **Health Science:** 3 Clrm/Lab (2017 Bond - Addition)
- **STEM** = 2 Engineering Lab (2017 Bond - Renovation)

## CTE Spaces MISSING / PARTIAL

- **Arch/Construction + Manufacturing** (1 Clrm + 1 Shop)
- **Design & Multimedia Arts** = 1 Clrm/Cmptr Lab
- **Education** = 1 Clrm
- **STEM** = 1 Programming Lab + 1 Engineering Lab

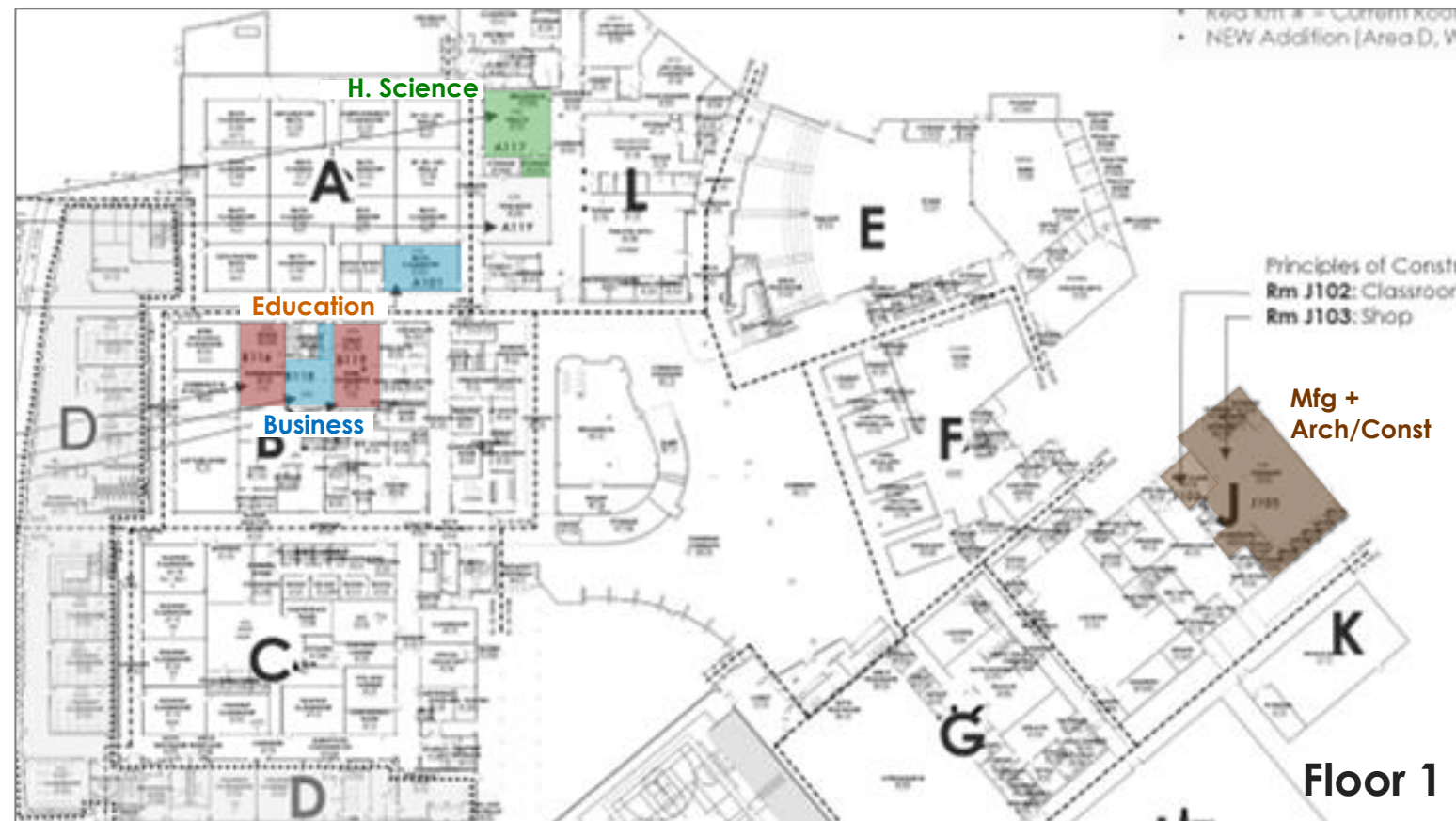
**MISSING:** 3 Career Clusters  
2 STEM Programs

**PARTIAL:** Business Clrm/Lab Ratio  
5C / 3L vs. Ed Spec: 3C / 4L





# CTE ASSESSMENT FINDINGS | Northbrook High School



## CTE Spaces ON CAMPUS

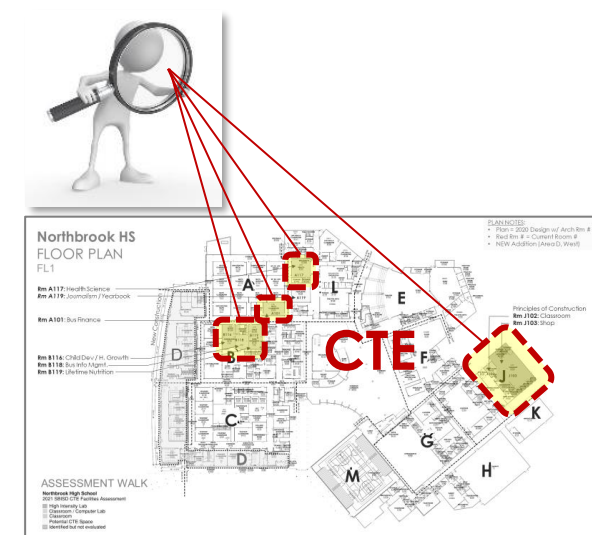
- **Arch/Construction + Manufacturing** = 1 Clrm + 1 Lab/Shop
- **Design & Multimedia Arts** = 2 Clrm/Cmptr Lab
- **Business, Mktg & Fin Svc** = 2 Clrm/Cmptr Lab
- **Education** = 2 Clrm
- **Health Science**: 1 Clrm/Lab + 3 Floating Clrms

## CTE Spaces MISSING / PARTIAL

- **Business, Mktg & Fin Svc** = 1 Clrm
- **Health Science**: 1 Clrm/Lab
- **STEM** = 1 Cybersecurity + 1 Engineering + 1 Programming Lab + 1 Shared STEM Lab

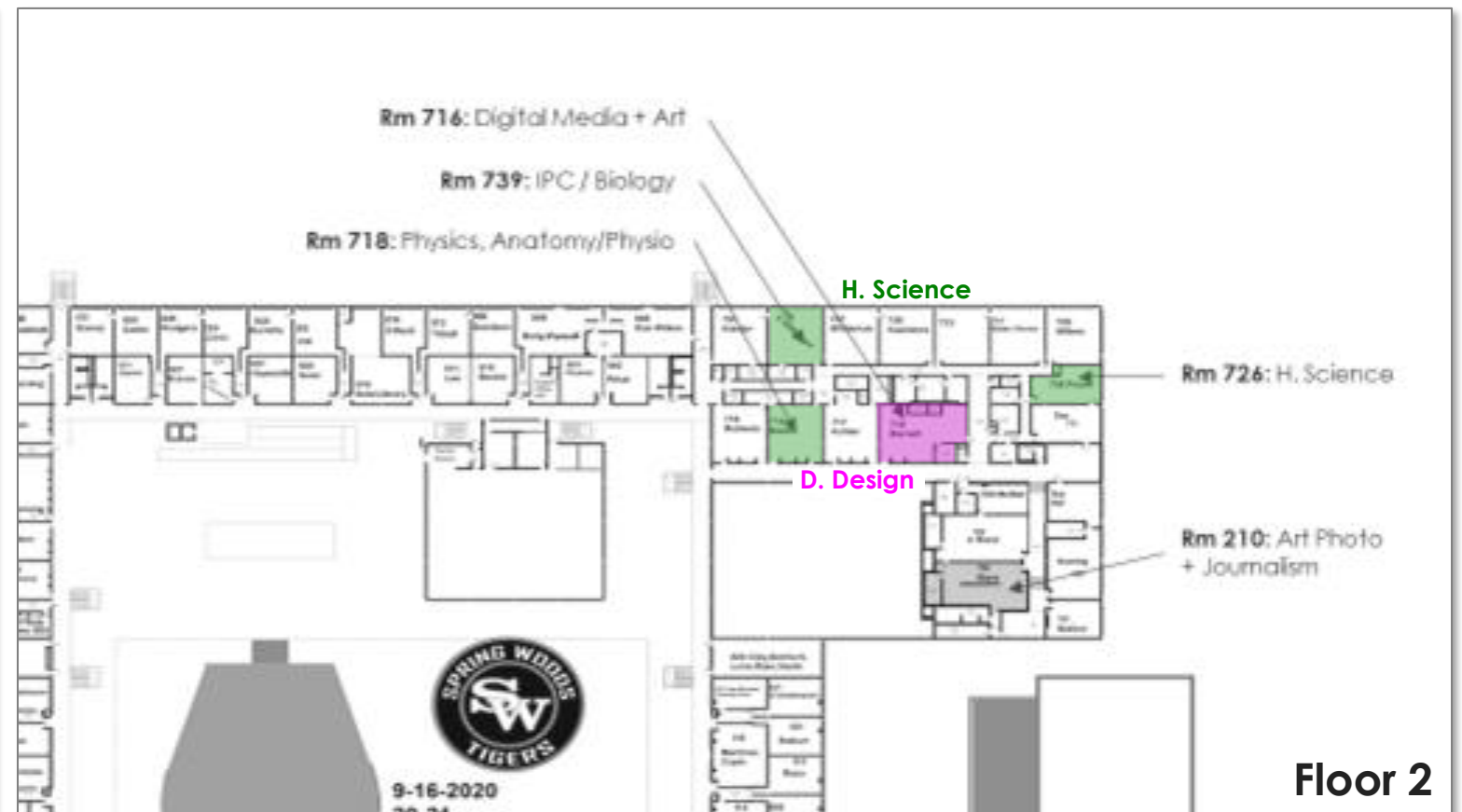
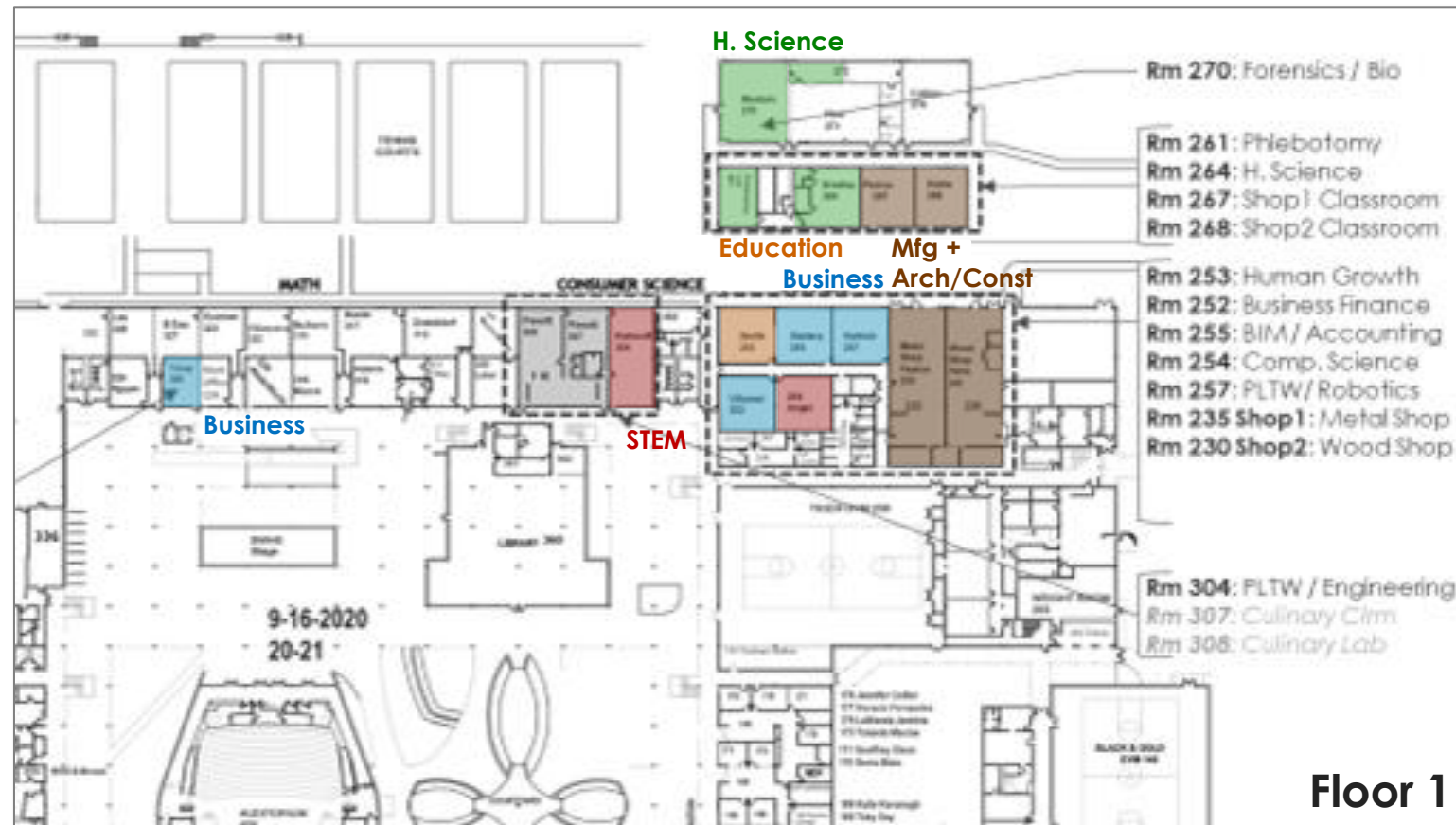
**MISSING:** STEM Career Cluster  
H. Science Clrm/Lab

**PARTIAL:** Business Clrm/Lab Ratio  
0C / 1L vs. Ed Spec: 1C / 2L





# CTE ASSESSMENT FINDINGS | Spring Woods High School



## CTE Spaces ON CAMPUS

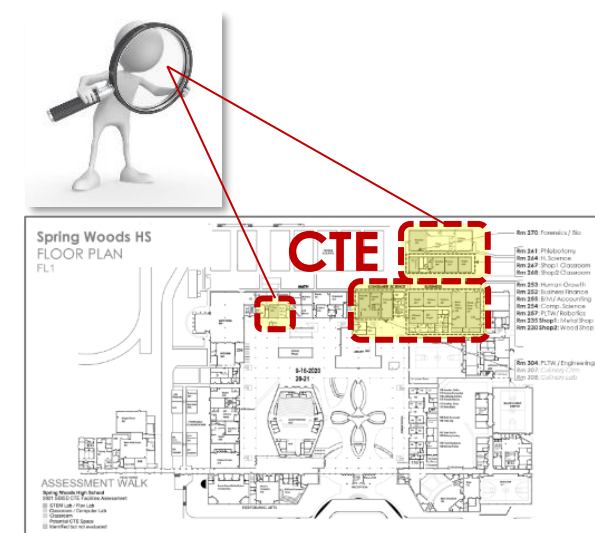
- **Arch/Construction** = 1 Clrm + 1 Lab/Shop (Wood)
- **Manufacturing** = 1 Clrm + 1 Lab/Shop (Welding)
- **Design & Multimedia Arts** = 1 Clrm/Cmptr Lab
- **Business, Mktg & Fin Svc** = 2 Clrm + 2 Clrm/Cmptr Lab
- **Education** = 1 Clrm
- **Health Science**: 6 Clrm/Lab (4 over criteria)
- **STEM** = 1 Cybersecurity Lab + 1 Engineering Lab

## CTE Spaces MISSING / PARTIAL

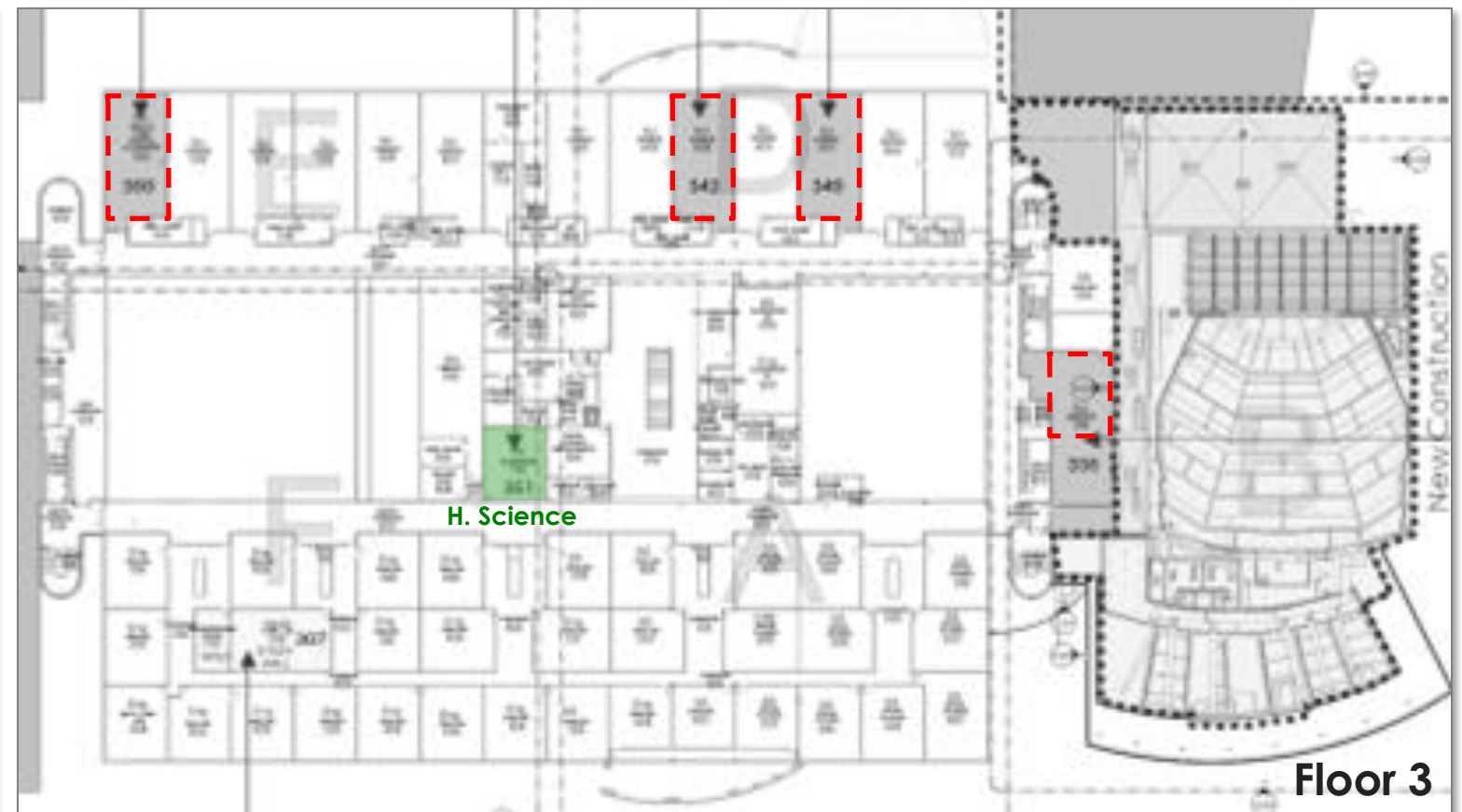
- **STEM** = 1 Programming Lab + 1 Engineering Lab + 1 Shared STEM Lab

**MISSING:** 2 STEM Clrm/Lab

**PARTIAL:** Business Clrm/Lab Ratio  
2C / 2L = Ed Spec: 2C / 2L



# CTE ASSESSMENT FINDINGS | Stratford High School



## CTE Spaces ON CAMPUS

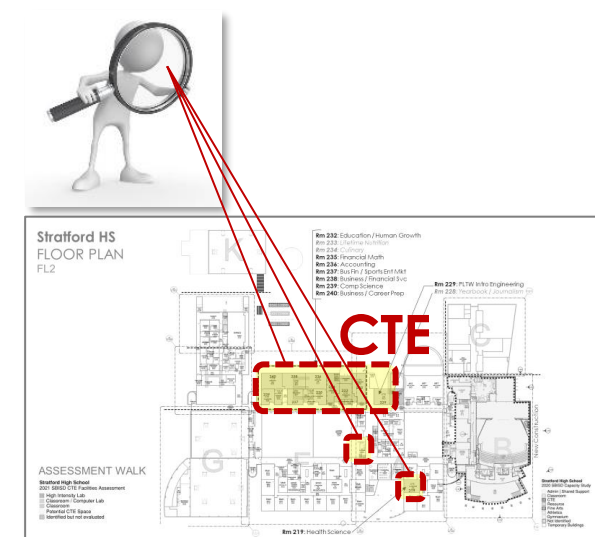
- **Business, Mktg & Fin Svc** = 0 Clrm + 6 Clrm/Cmptr Lab
- **Education** = 1 Clrm
- **Health Science**: 2 Clrm/Lab + 4 Floating Clrms
- **STEM** = 1 Engineering Lab

## CTE Spaces MISSING / PARTIAL

- **Arch/Construction + Manufacturing** (1 Clrm + 1 Shop)
- **Design & Multimedia Arts** = 1 Clrm/Cmptr Lab
- **STEM** = 1 Cybersecurity + 1 Programming Lab  
+ 1 Shared STEM Lab

**MISSING:** 2 Career Clusters  
1 H. Science Clrm/Lab  
2 STEM Clrm/Lab

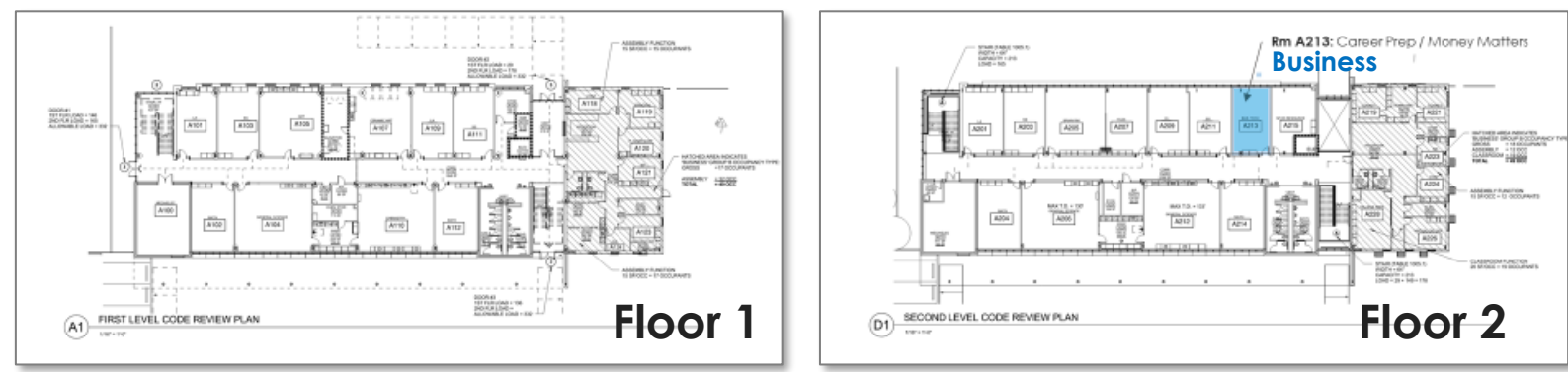
**PARTIAL:** Business Clrm/Lab Ratio  
0C / 6L = Ed Spec: 3C / 3L





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

## Academy of Choice High School



## Specialty Campus MS / HS

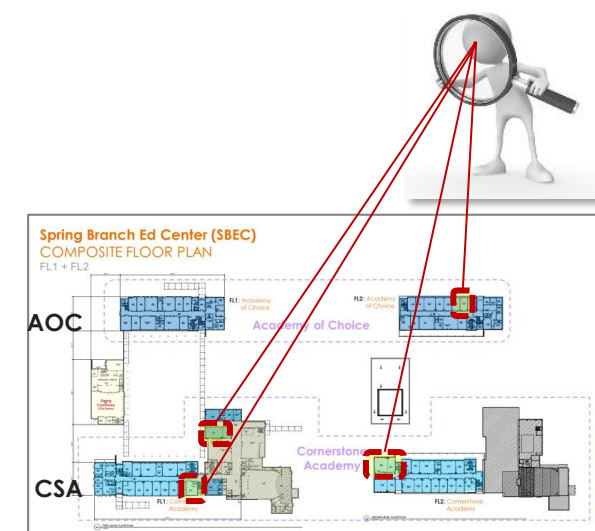
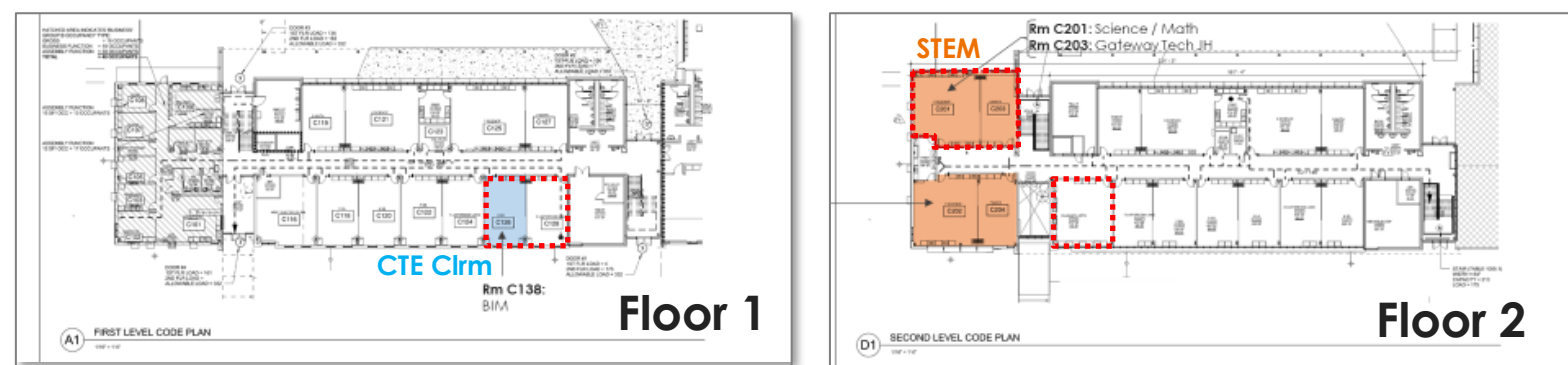
### CTE Spaces ON CAMPUS

- MS = Cornerstone Academy (CSA)**  
**CTE Classroom:** Rm C126 (L.Arts) + BIM  
**STEM Lab:** FL2 (Science/Math) + Gateway Tech  
**CTE Classroom:** Rm 118 (Library Annex)  
**Clrm/Computer Lab:** Rm 122 (Library Annex)
- HS = Academy of Choice (AOC)**  
**Bus, Mktg & Finance:** Rm A213 (Business / Edgenuity)

### CTE Spaces MISSING

- MS:** FLEX Lab = Required?
- HS:** Other CTE Programs = Required?

## Cornerstone Academy Middle School





# CTE ASSESSMENT FINDINGS | Westchester Academy: MS/HS

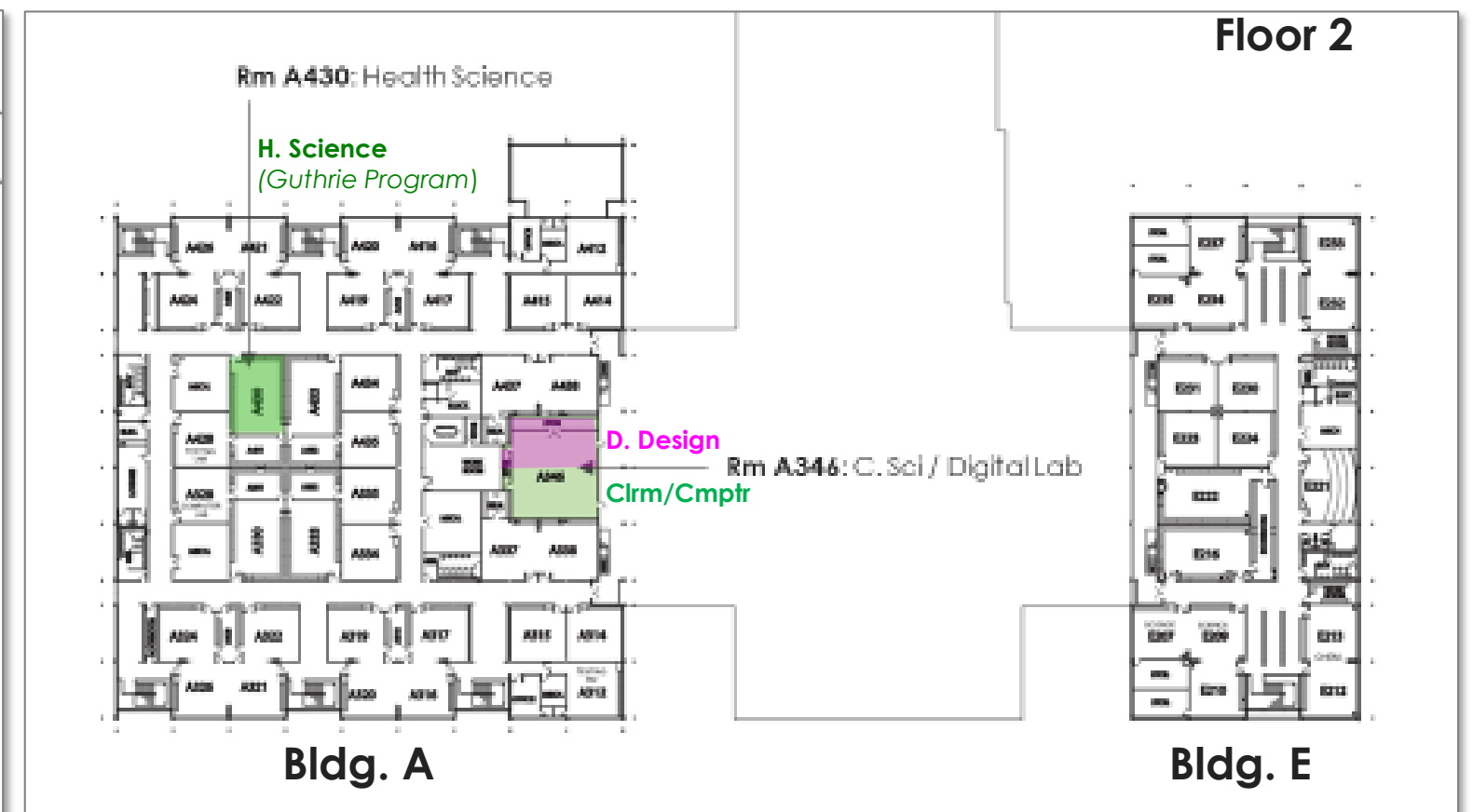
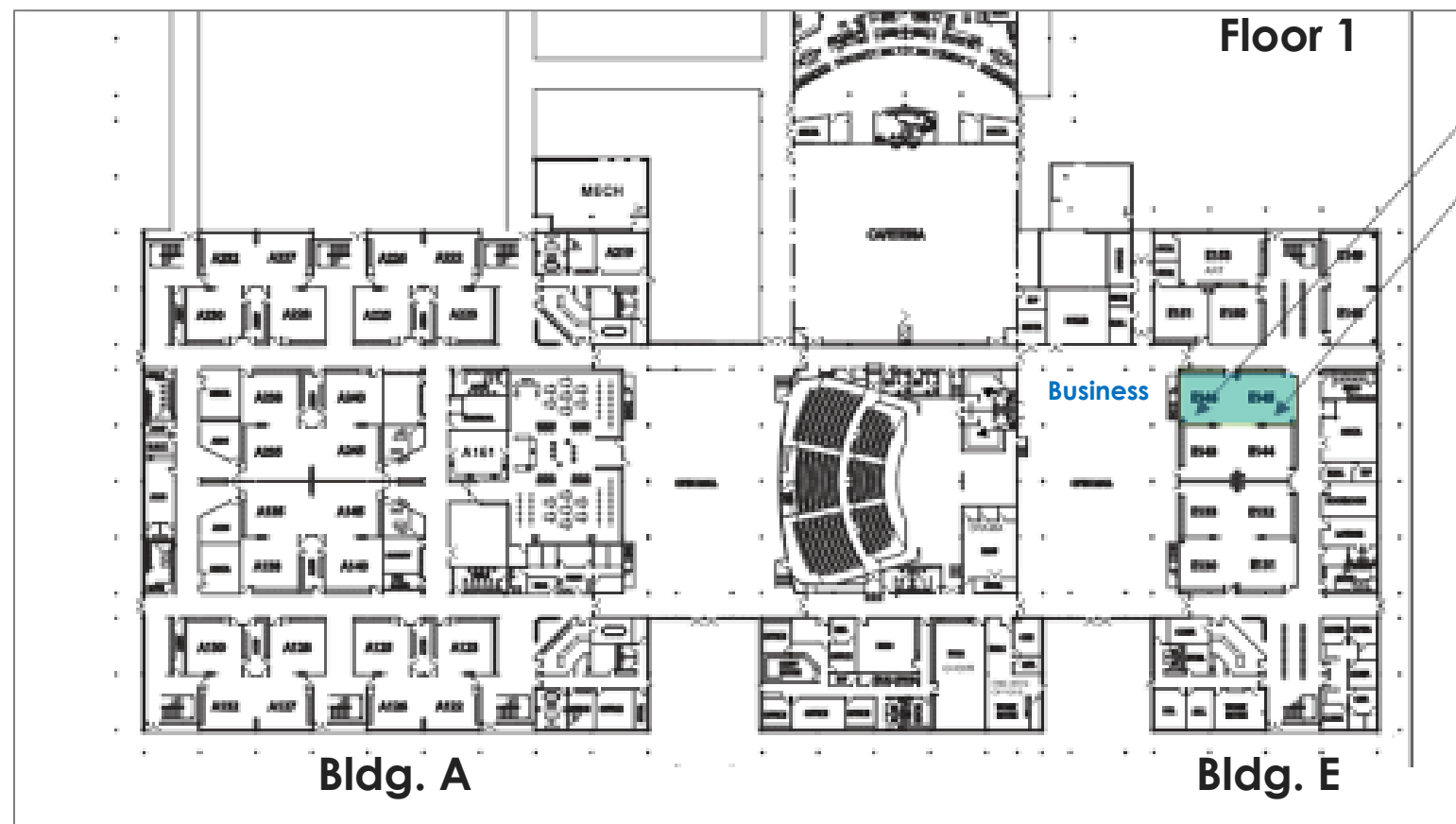
Specialty  
Campus  
MS / HS

## CTE Spaces ON CAMPUS

- **MS = Westchester Academy (WAIS)**  
Clrm/Computer Lab: FL1 Rm A346 (Tech Apps)
- **HS = Westchester Academy (WAIS)**  
Bus, Mktg & Finance: FL1 Rm E145/E146 (BIM, Acct., Fin. Math)  
Health Science: FL2 Rm A430 (Program belongs at Guthrie)  
Arts, A/V & Comm: FL1 Rm A346 (Digital Art + Ani / C. Science)

## CTE Spaces MISSING

- **MS:** STEM + FLEX Lab / CTE Clrm = Required?
- **HS:** Other CTE Programs = Required?



# CTE ASSESSMENT FINDINGS | CENTRAL CAMPUS (Ag Farm)



## CTE Spaces ON CAMPUS / PARTIAL

### SHARED SPACES

- **Classroom Bldg:** 1 Clrm + 2 Clrm/Lab + 1 Office/Work (3 staff)
- **Show Arena:** Arena + 2 Bleachers + RR + Storage
- **Greenhouse:** In Need of Repair
- **Ag Mech Shop:** Metal Bldg., Undersized
- **T-Bldg:** Booster Club Storage/Work Area

### ANIMAL PENS

- **Cattle:** 24 Pens + Tie-out Area + Scales Area + Wash Bin
- **Swine:** 36 Pens + 4 Clipping Area (no water)
- **Lamb/Goat:** 30 Pens + 1 Clipping Room
- **Poultry:** 24 Pens
- **Rabbit:** 14 Pens (T-Bldg) + Local Feed Storage
- **Feed Storage:** (24 Large Animal Boxes + 56 Small Animal) Boxes

## CTE Spaces MISSING

### SHARED SPACES

- **Classroom Bldg:** 2 Clrm/Lab + Building Support
- **Show Arena:** Enhance the Entry (Concessions / RR)

### ANIMAL PENS

- **Cattle:** 4 Pens + Local Feed Storage
- **Swine:** 6 Pens + Local Feed Storage + Wash Area
- **Lamb/Goat:** 5 Pens + Feed Storage + Wash Area
- **Poultry:** 4 Pens + Feed Storage
- **Rabbit:** Provide Permanent Structure (16 Pens + Feed Boxes)

# 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**
- **NJROTC**

### PARTIAL CAREER CLUSTERS

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

## CTE Spaces MISSING

### COMPLETE CAREER CLUSTERS

- **Manufacturing:** Welding Tech

### PARTIAL CAREER CLUSTERS

- **Arch/Construction:** Construction Tech
- **Health Science:** HC Practitioner + PC Tech + Dental Asst
- **Transportation, Distribution & Logistics:** Automotive Tech





# Questions?

**CTE Facilities Assessment**

**Summary Findings  
15 Campus Snapshots**

The background features a large blue circle containing a faint, light-blue graphic of a gear and a pencil. The gear is positioned behind the text, and the pencil is oriented horizontally, passing behind the text. The overall design is clean and professional, using a monochromatic blue color scheme.

# **LRFP Mtg #1 Highlights: CTE Instruction Overview**

## **CTE Assessment Impact (Lens/Filter for LRFPC Engagement)**

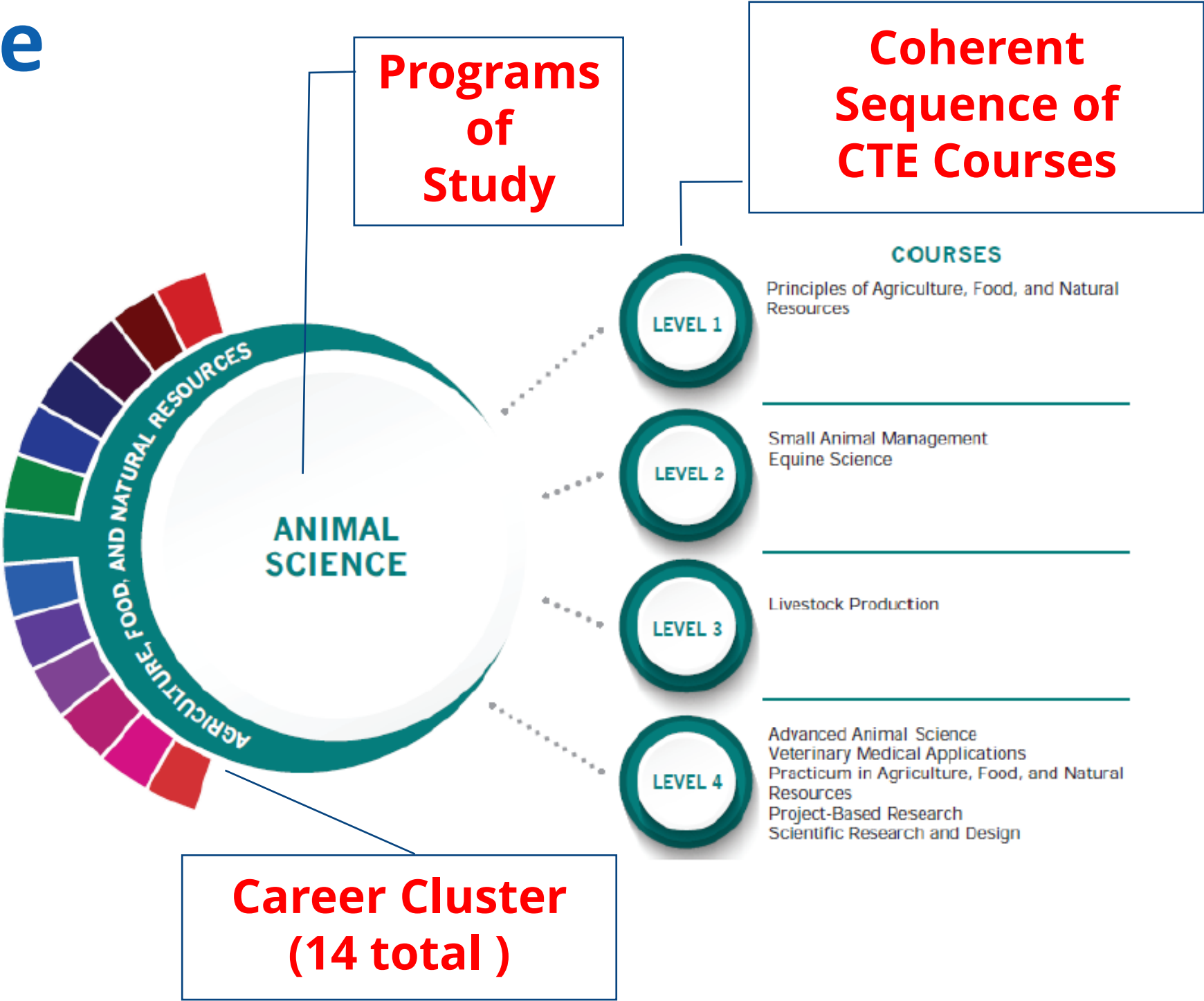
# CTE Vocabulary

- **Career Cluster** – a grouping of related careers such as *Architecture and Construction* or *Business, Marketing and Finance*
- **CTE Program of Study** – A coordinated sequence of courses at the secondary and post-secondary level that:
  - Incorporates challenging state **academic standards**
  - Addresses academic, technical, and **employability skills**
  - Is **aligned with the needs of industries** in the state, regional, and/or local economy
  - **Progresses in specificity** (beginning with all aspects of industry and leading to more occupation specific instruction)
  - Has **multiple entry and exit points** that incorporate credentialing
  - Culminates in the **attainment of a recognized post-secondary credential**



# 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 Middle School Curriculum



Grade Level	Course Name	HS Credit	Focus of Course	Focus Points
8 <sup>th</sup> Grade	<b>Path College/Career Prep 1</b> (1 semester non CTE course recommended for all middle school students)	0.5	Students connect their own strengths and interests with potential careers and postsecondary requirements, review all high school opportunities, and build informed 4-year plans for high school	Career Exposure ✓ Knowledge of Strengths/Interests ✓ Knowledge of Opportunities ✓ High School Credit ✓
8 <sup>th</sup> Grade	<b>Professional Communications</b> (1 semester CTE course; counts as Speech credit)	0.5	Students develop and expand their ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research	Foundation HS Skills (Tech, Employ.) ✓ Career Exposure ✓ High School Credit ✓
7 <sup>th</sup> Grade	<b>Principles of Information Technology</b> (Full year CTE course)	1.0	Students learn about computer hardware, software, networking, word processing spreadsheets, data bases, web publishing, and emerging technologies	Foundation HS Skills (Tech, Employ.) ✓ Career Exposure ✓ Knowledge of Opportunities ✓ High School Credit ✓
6 <sup>th</sup> - 8 <sup>th</sup> Grade	<b>PLTW Gateway to Technology Courses</b> (1 semester CTE courses, each with a different content; students earn 0.5 credit for each semester up to 2.0 credits)	0.5 – 2.0	Students learn tech and problem-solving skills in hands-on activities; campuses can choose tech and content focuses: <ul style="list-style-type: none"><li>• Design and Modeling</li><li>• Automation and Robotics</li><li>• Computer Science for Innovators and Makers</li><li>• Medical Detectives</li></ul>	Foundation HS Skills (PBL, Tech) ✓ Career Exposure ✓ Knowledge of Opportunities ✓ High School Credit ✓

- Development of educational skills
- Exposure to careers
- Knowledge of strengths and interest
- Knowledge of opportunities
- Prioritize courses offering high school credit

# CTE High School 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





# Recommended 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

\* Program of Study at Home Campus

\*\* Program of Study at Ag Farm

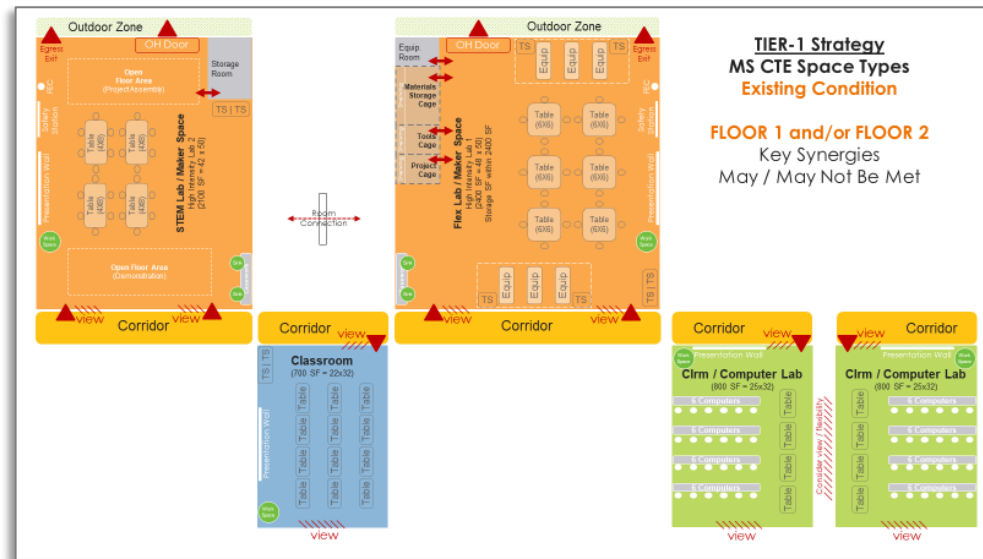


# Questions?

**CTE Assessment Impact**

**CTE “lens/filter” for  
LRFPC Engagement**

# KEY FINDINGS | RENOVATION - TIER STRATEGY (MS)



## TIER 1 “IN PLACE, AS IS” RENOVATE EXISTING CTE SPACES

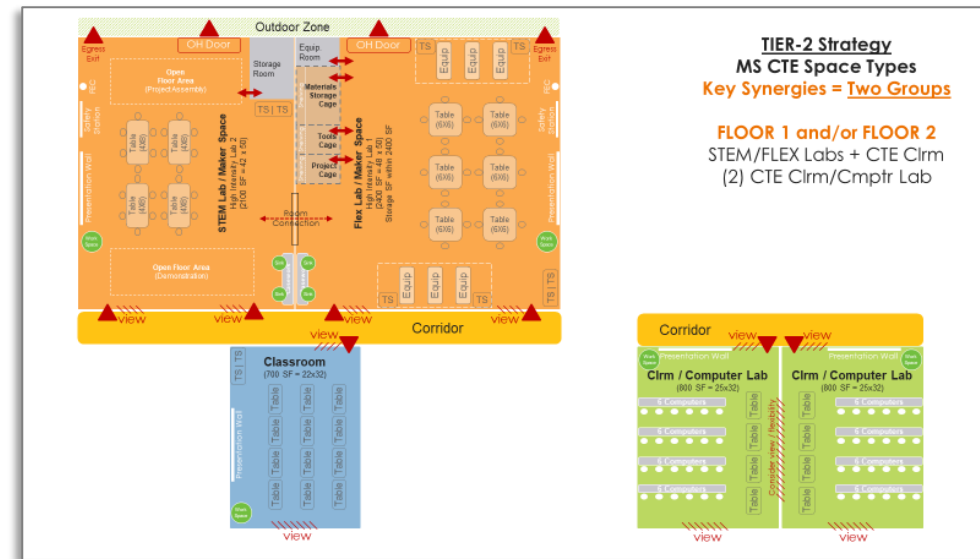
### CTE Ed Spec | 5 CTE Spaces + SF Criteria

- Typical = NOT all 5 CTE Spaces on Campus
- CTE Rooms are Typically Undersized
- $SF \leq 15\%$  of Criteria = Trigger Change

### CTE Ed Spec | Adjacency Criteria

- Typical = NOT all 5 CTE Spaces together
- 1-story Bldg. = CTE Spaces Spread out
- 2-story Bldg. = CTE Spaces Not on same floor

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## TIER 2 “MISSING+IMPROVE ADJACENCIES” RENOVATE / ADD CTE SPACES

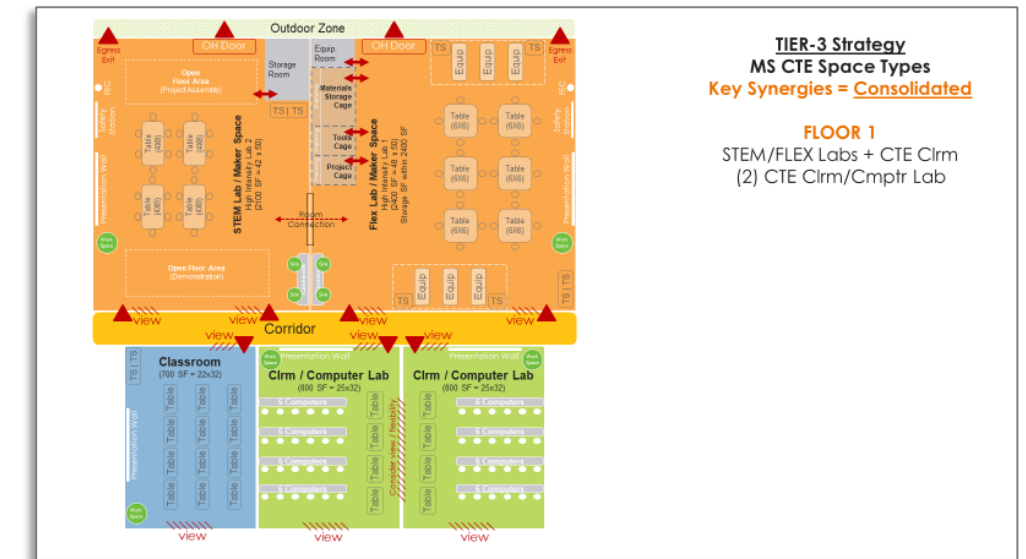
### CTE Ed Spec | 5 CTE Spaces + SF Criteria

- ADD MISSING CTE spaces at correct SF
- EXISTING CTE spaces = Renovate “AS IS”
- $SF \leq 15\%$  of Criteria = Trigger Change

### CTE Ed Spec | Adjacency Criteria (Improve)

- Group 1 = FLEX + STEM Lab + CTE Classroom
- Group 2 = (2) Classroom/Computer Labs

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## TIER 3 “MEET CTE ED SPECIFICATIONS” RENOVATE / ADD CTE SPACES

### CTE Ed Spec | 5 CTE Spaces + SF Criteria

- ADD MISSING CTE spaces at correct SF
- EXISTING CTE Spaces = RENOVATE or BUILD at correct SF

### CTE Ed Spec | Adjacency Criteria (Ideal)

- Consolidate Entire Group on Floor 1

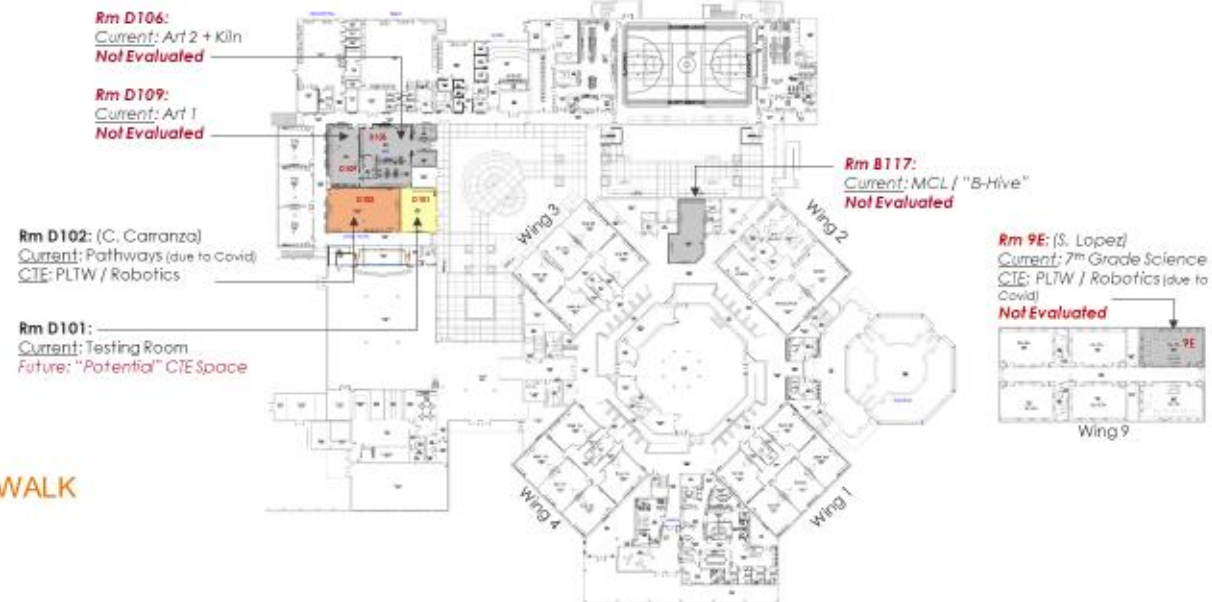
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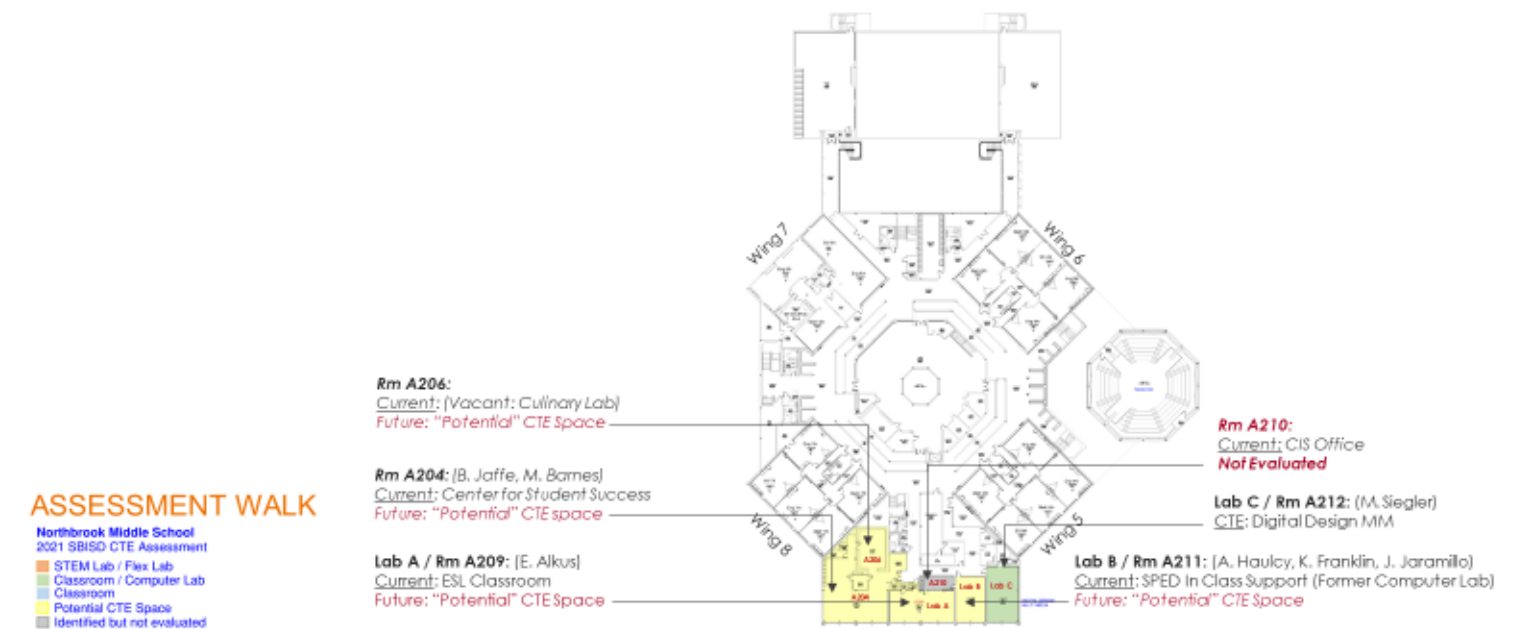
# TIER 1 STRATEGY | MIDDLE SCHOOL (Northbrook MS)

## TIER 1 "IN PLACE, AS IS" RENOVATE EXISTING CTE SPACES

### Northbrook MS FLOOR PLAN FL1



### Northbrook MS FLOOR PLAN FL2



**MISSING  
3 CTE Spaces**

### CTE Spaces: MISSING

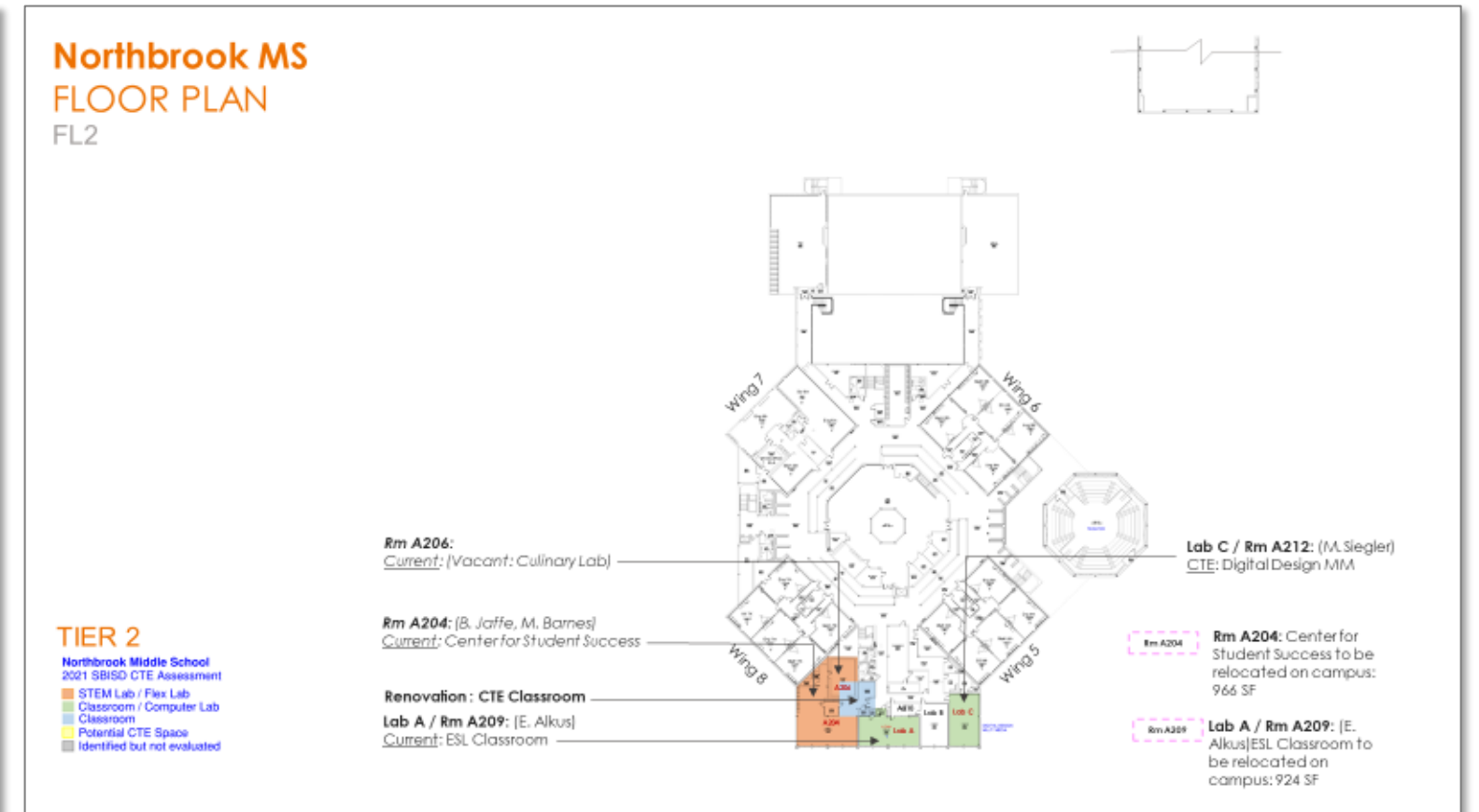
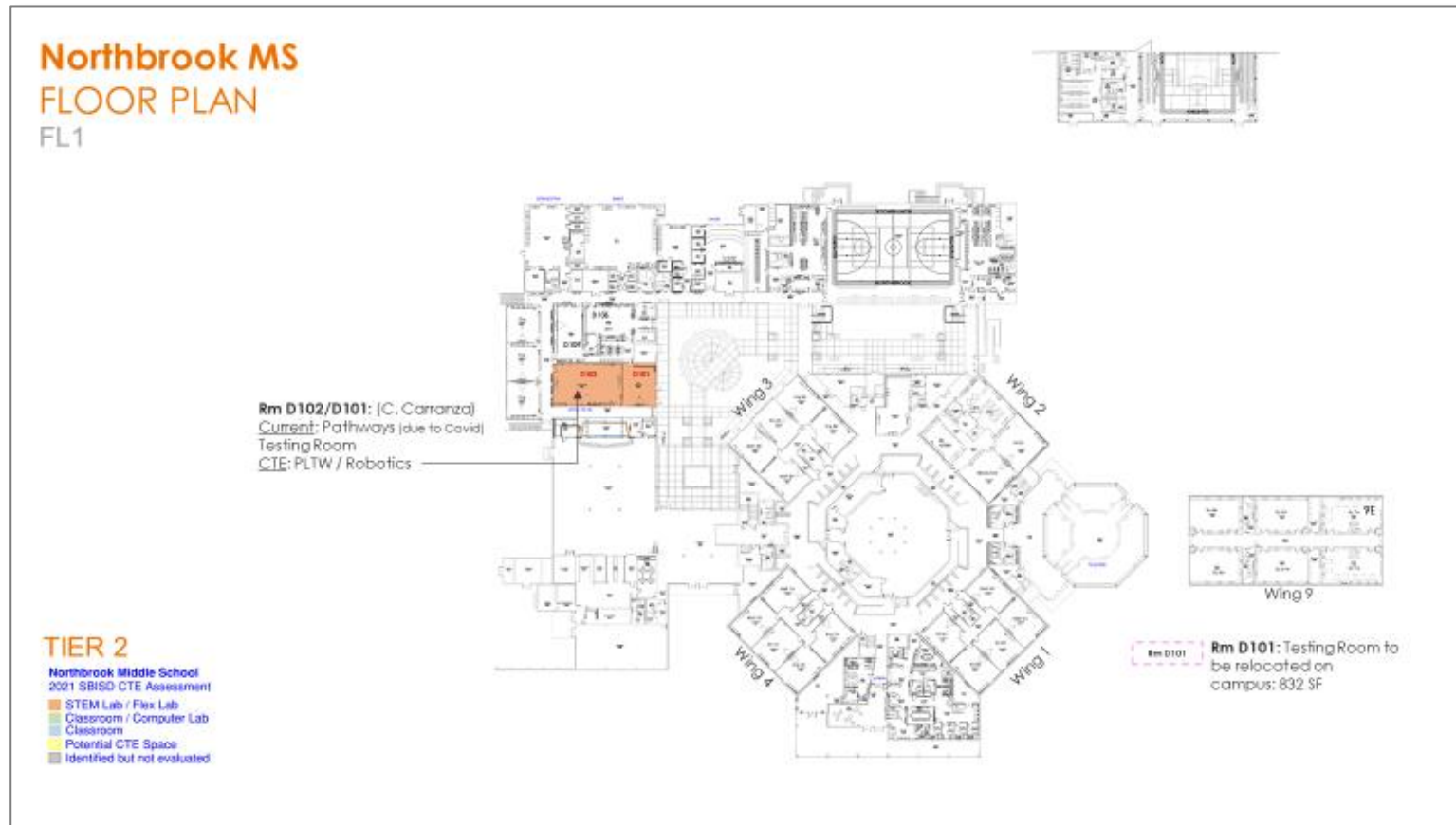
- FLEX Lab
- CTE Classroom
- CIRM/Computer Lab

### CTE Spaces: ON CAMPUS

- **STEM Lab** = FL1 (Rm D102 + 9E | Covid)
- **CIRM/Computer Lab** = FL2 (Lab C | Rm A212)

# TIER 2 STRATEGY | MIDDLE SCHOOL (Northbrook MS)

## TIER 2 "MISSING + IMPROVE ADJACENCIES" RENOVATE / ADD CTE SPACES



### EXISTING BUILDING: RENOVATIONS / MOVES

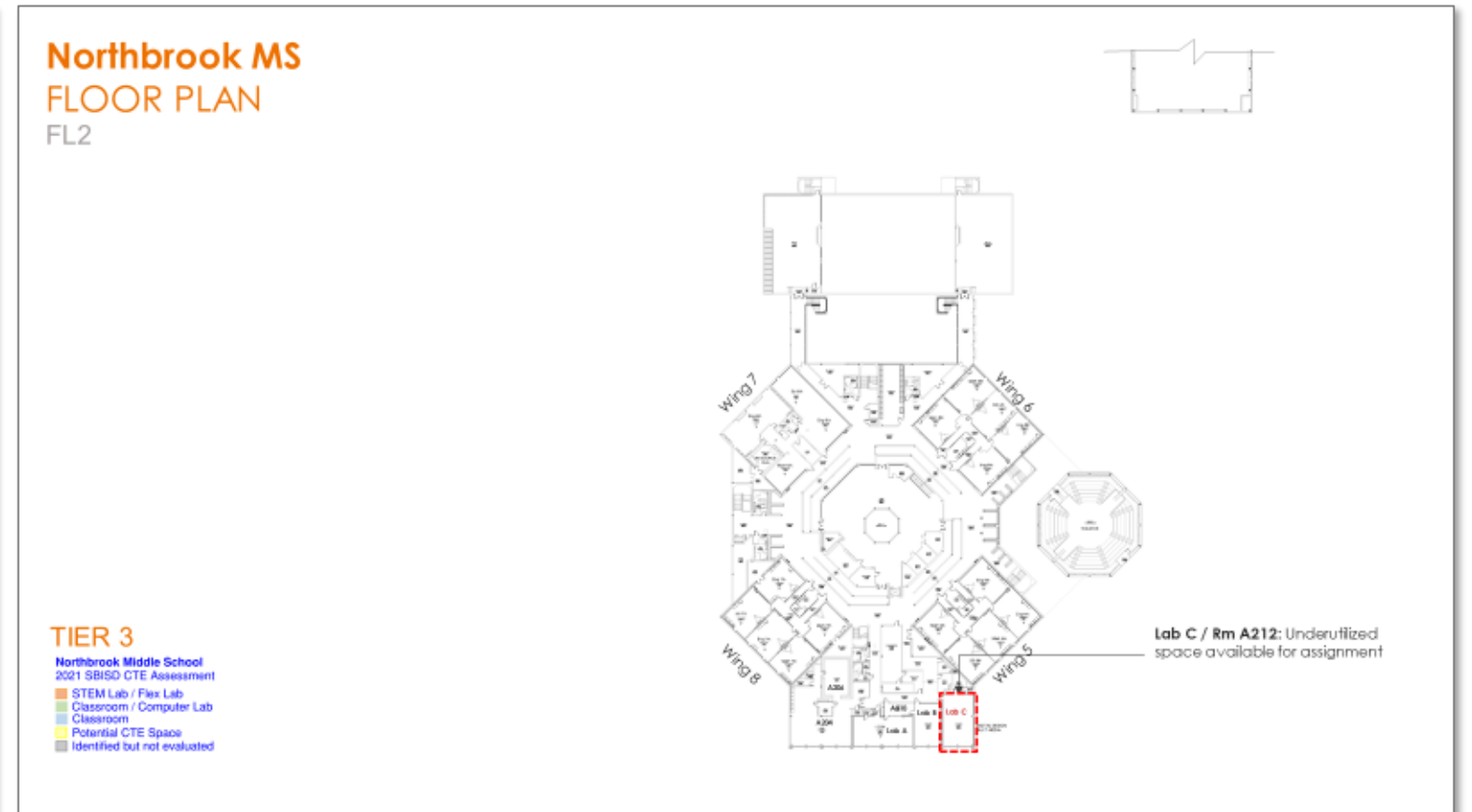
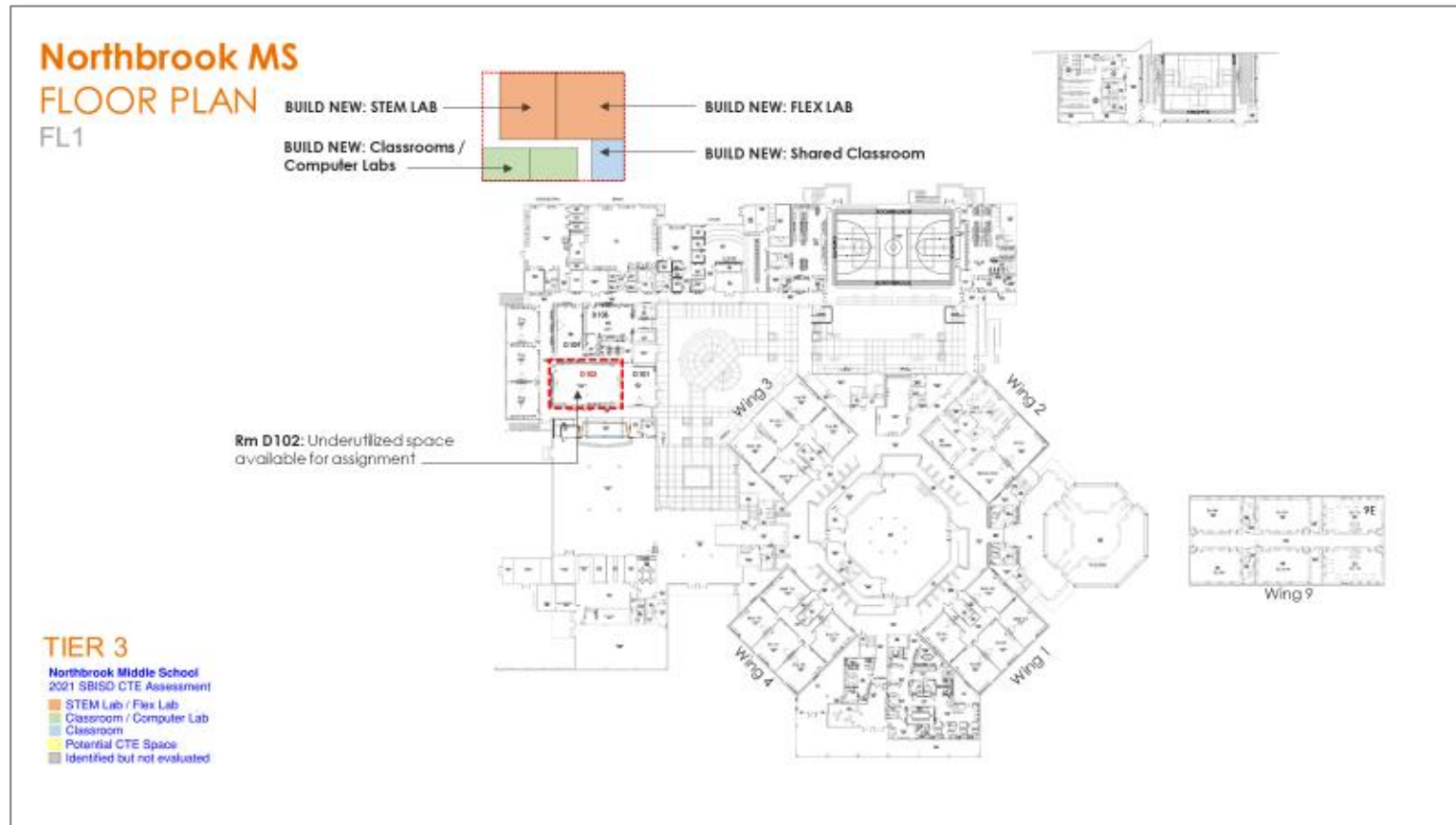
- **FLEX Lab** RENOVATE: Rm D101/D102
- **STEM Lab** RENOVATE: Rm A204
- **CTE Classroom** RENOVATE: Rm A206
- **2 Clrm/Computer Labs**  
RENOVATE: (Rm A209 | Lab A) + (Rm A212 | Lab C)

### NEW SPACE: BUILD / MODULAR BUILDING

- N/A

# TIER 3 STRATEGY | MIDDLE SCHOOL (Northbrook MS)

## TIER 3 “MEET CTE ED SPECIFICATIONS” RENOVATE / ADD CTE SPACES



### EXISTING BUILDING: SPACES MADE AVAILABLE

- **Rm D101/D102** = Available “As Is” – Clrm / Lab
- **Rm A212 | Lab C** = Available “As Is” – Classroom
- Rm A204 = Remains “Center for Student Success”
- Rm A206 = Remains “Vacant Culinary Lab”
- Rm A209 | Lab A = Remains “ESL Pull-out Clrm”

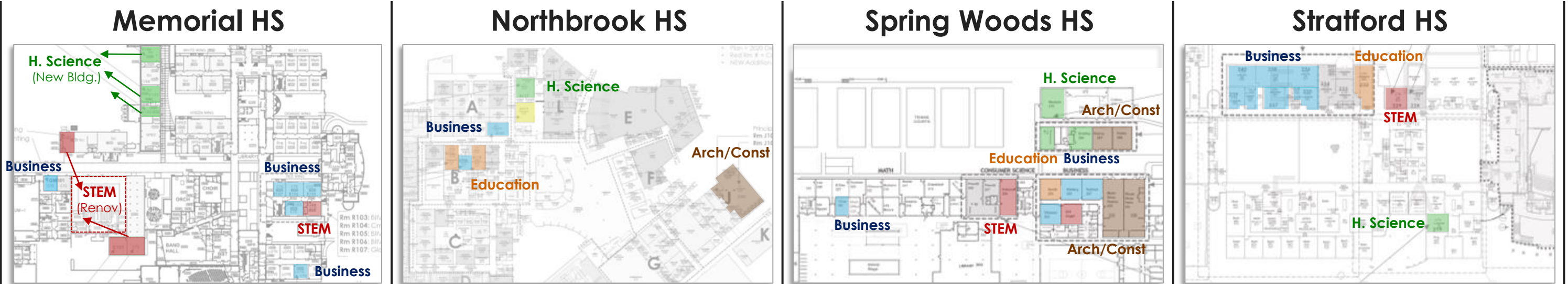
### NEW SPACE: BUILD / MODULAR BUILDING

- **FLEX Lab**
- **STEM Lab**
- **CTE Classroom**
- **2 Clrm/Computer Labs**

CONSIDER MASTER PLAN @ MS REPLACEMENT



# KEY FINDINGS | RENOVATION - TIER STRATEGY (HS)



## TIER 1 “IN PLACE, AS IS” : RENOVATE EXISTING CTE SPACES

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Under-sized CTE Ed Spec criteria: **Clrm** (900 SF) + **Clrm/Lab** (1,200 SF) + **Clrm/Cmptr Lab** (1,200 SF) + **P. Construction Lab** (2,500 SF)

Missing / Partial CTE Programs: **MHS** (5 Missing / 1 Partial) + **NBHS** (3 Missing / 2 Partial) + **SWHS** (1 Missing / 1 Partial) + **SHS** (4 Missing / 3 Partial)

## TIER 2 “MISSING + IMPROVE ADJACENCIES” : RENOVATE / ADD CTE SPACES

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Improve CTE Adjacencies: **Program Space Type** (Renovate) + **Career Cluster Grouping** (Move)

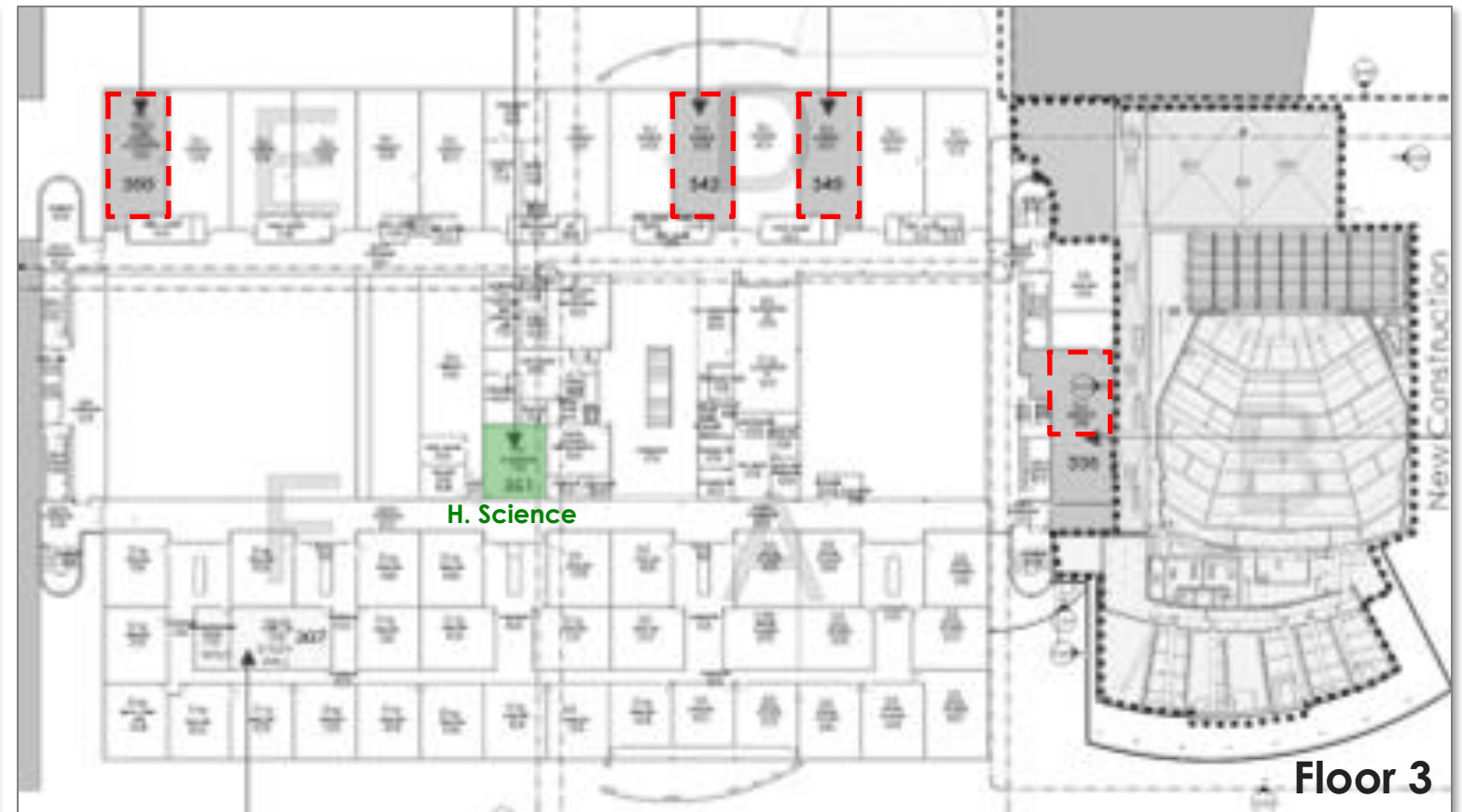
Missing / Partial CTE Programs: **Provide Space** (Renovation and/or New Space: T-Bldgs?)

## TIER 3 “MEET CTE ED SPECIFICATIONS” : RENOVATE / ADD CTE SPACES

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Requires Master Plan: **ALL CTE Programs** (Existing / New) + **MEET CTE Ed Specs Requirements** (SF + Adjacencies)

# TIER 1 STRATEGY | HIGH SCHOOL (Stratford HS)



## CTE Spaces ON CAMPUS

- **Business, Mktg & Fin Svc** = 0 Clrm + 6 Clrm/Cmptr Lab
- **Education** = 1 Clrm
- **Health Science** = 2 Clrm/Lab + 4 Floating Clrms
- **STEM** = 1 Engineering Lab

## CTE Spaces MISSING / PARTIAL

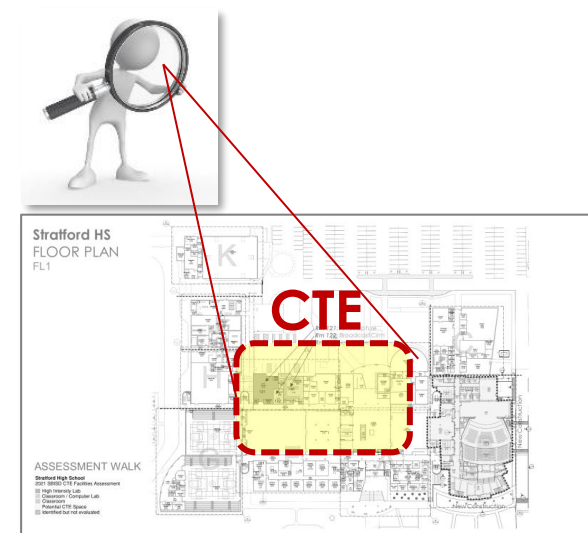
- **Arch/Construction + Manufacturing** (1 Clrm + 1 Shop)
- **Design & Multimedia Arts** = 1 Clrm/Cmptr Lab
- **STEM** = 1 Cybersecurity + 1 Programming Lab  
+ 1 Shared STEM Lab

## TIER 1 "IN PLACE, AS IS"

RENOVATE EXISTING CTE SPACES

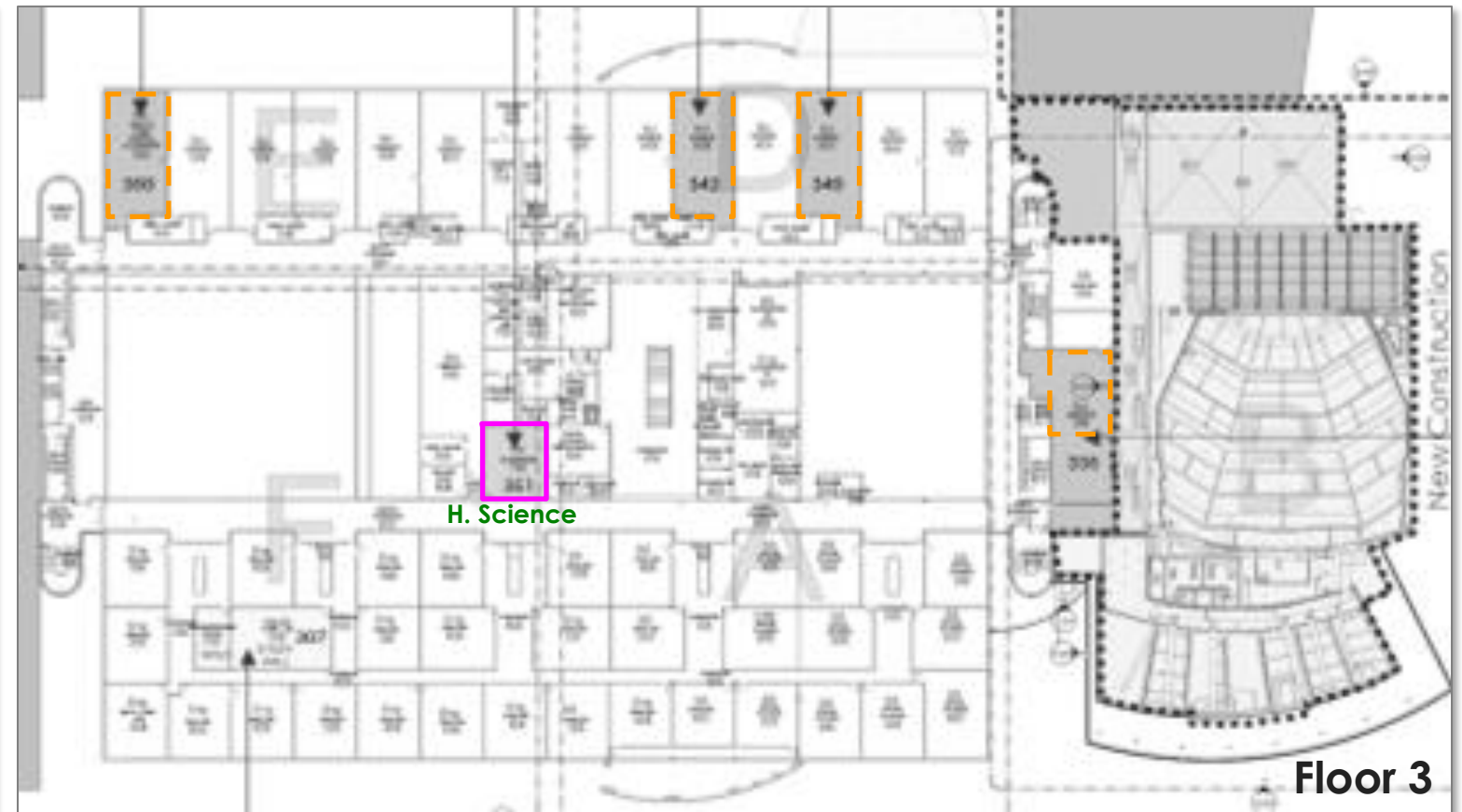
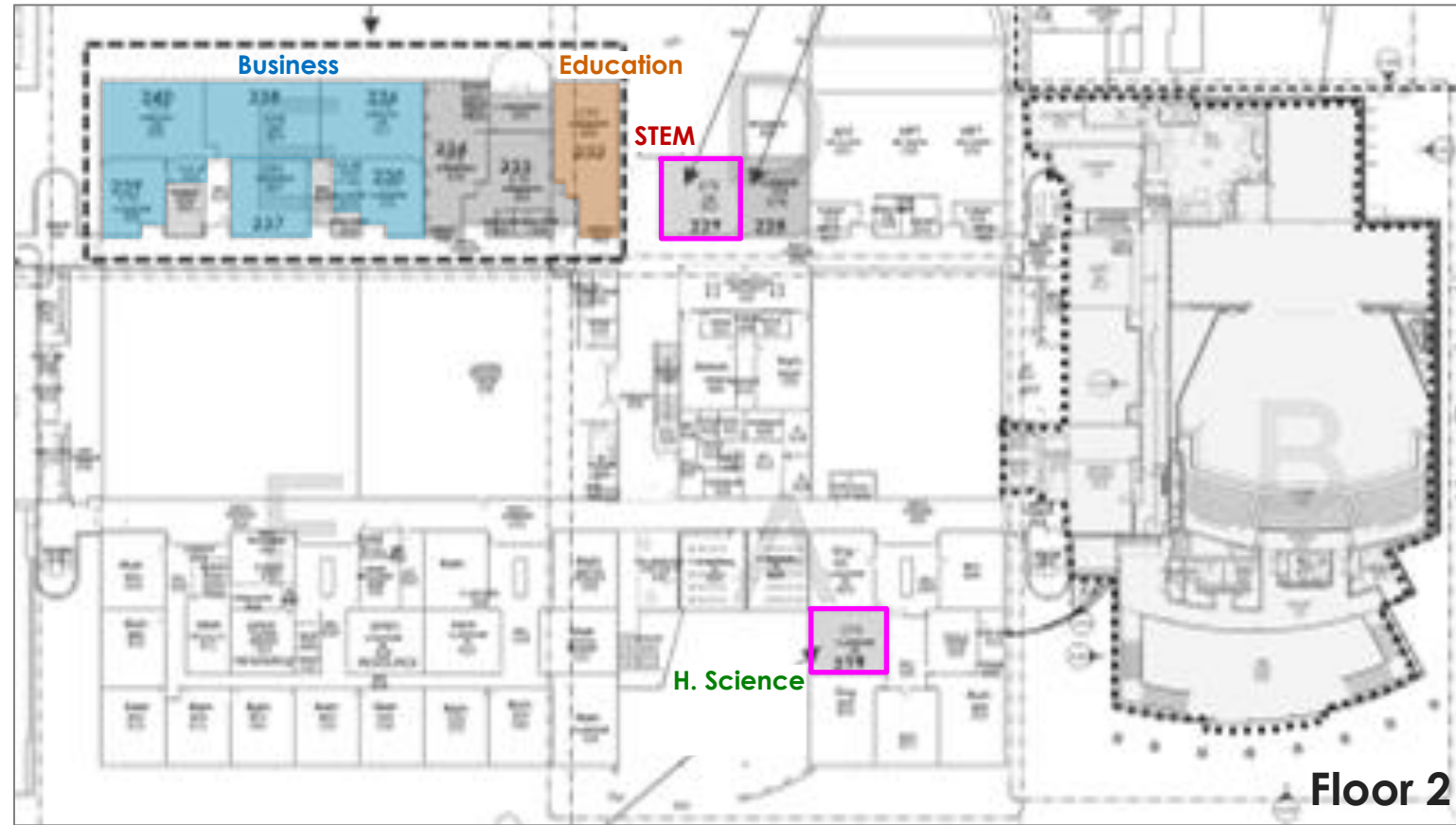
**MISSING:** 2 Career Clusters  
1 H. Science Clrm/Lab  
2 STEM Clrm/Lab

**PARTIAL:** Business Clrm/Lab Ratio  
0C / 6L = Ed Spec: 3C / 3L





# TIER 2 STRATEGY | HIGH SCHOOL (Stratford HS)



## TIER 2 "MISSING + IMPROVE ADJACENCIES" RENOVATE / ADD CTE SPACES

### EXISTING BUILDING: RENOVATIONS / MOVES

#### RENOVATE Existing Programs

- **Business, Mktg & Fin Svc** = 6 Clrm/Cmptr Lab
- **Education** = 1 Clrm

## NEW SPACE: BUILD / MODULAR BUILDING

### RELOCATE Existing Programs

- **Health Science** = 2 Clrm/Lab
- **STEM** = 1 Engineering Lab

### NEW SPACE Existing Programs

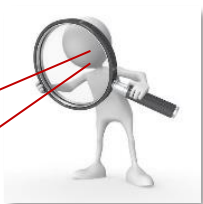
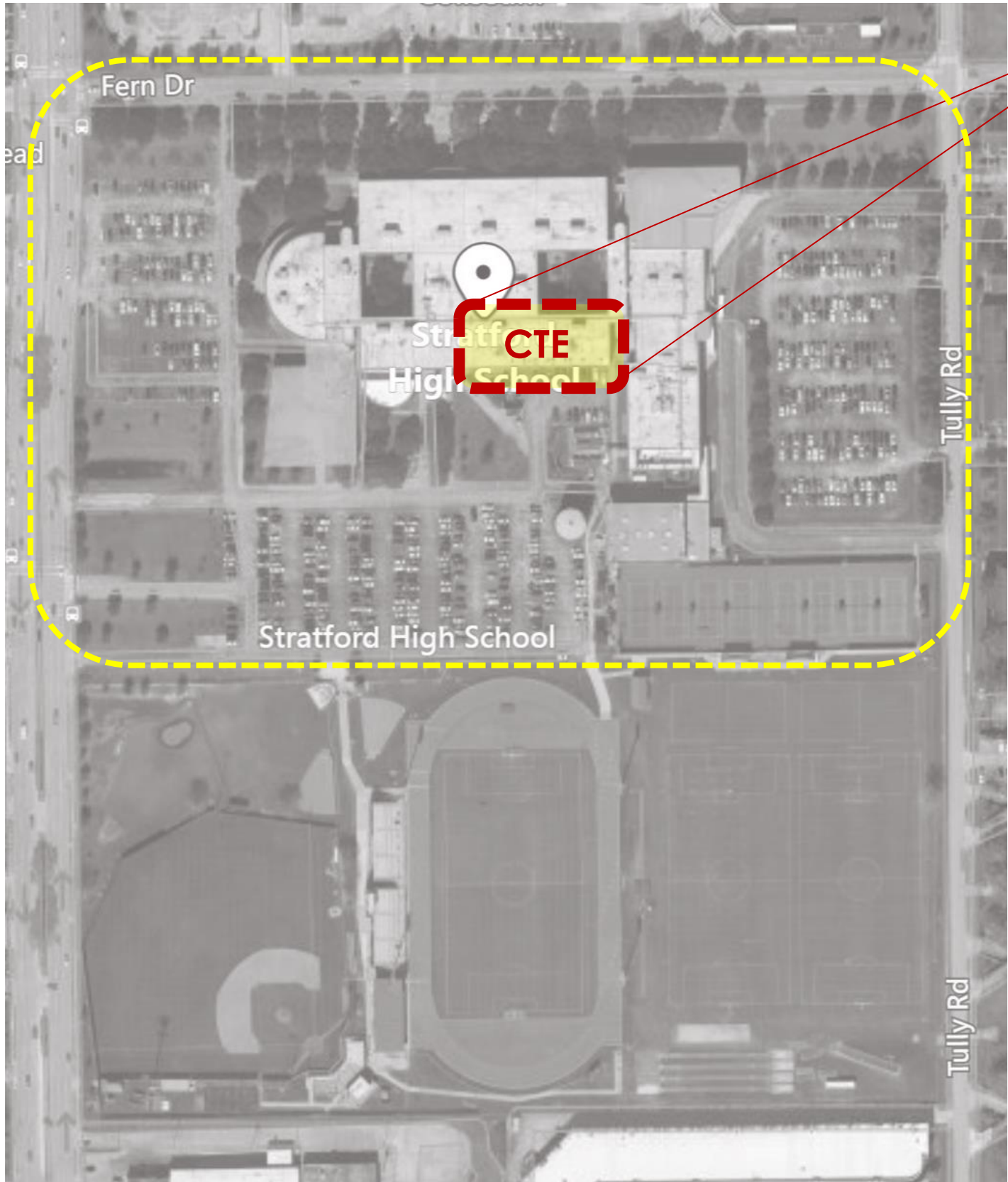
- **Health Science** = 1 Clrm/Lab (Missing + 4 Floating Clrms)
- **STEM** = 1 Cybersecurity + 1 Programming Lab  
+ 1 Shared STEM Lab

### NEW SPACE Missing Programs

- **Arch/Construction + Manufacturing** (1 Clrm + 1 Shop)
- **Design & Multimedia Arts** = 1 Clrm/Cmptr Lab



# TIER 3 STRATEGY | HIGH SCHOOL (Stratford HS)



## TIER 3 “MEET CTE ED SPECIFICATIONS” RENOVATE / ADD CTE SPACES

Career Cluster	Programs of Study
2	Architecture & Construction Principles of Construction
3	Manufacturing Principles of Construction
4	Design & Multimedia Arts Tech Apps
5	Accounting & Financial Services Bus Mangement & Entrepreneurship
6	Teaching
8	Health Science
13	Cybersecurity
	Programming & SW Development
	Engineering

CTE Ed Spec		Current vs CTE Ed Spec	
SHS		CTE: Qty / Space Type	Comparison
1	P. Constr. Lab w/ 1 Clrm		MISSING
	Shared w/ Arch & Construction		Shared w/ Arch & Construction
1	Lab / Clrm		MISSING
3	Business Clrms		0 Business Clrms
3	Business Labs		6 Business Labs
1	Education Clrm		1 Education Clrm
3	H. Science Labs		2 H. Science Labs
1	Cybersecurity Lab		MISSING
1	Programming Lab		MISSING
2	Engineering Labs		1 Engineering Lab

## NEW SPACE: REQUIRES MASTER PLAN

Needed for ALL programs to meet  
CTE Ed Spec SF + Adjacency Requirements



# Questions?

**CTE Facilities Assessment**

**Tier Strategy Examples  
NBMS + SHS**

# Item 2

LRFP Committee Mtg #2  
Engagement Exercise:

## SBISD LRFP Engagement: Assign Tier Strategy by Facility Type

LRFP Meeting #2 | Name: \_\_\_\_\_

INDIVIDUAL FEEDBACK: PLEASE PRINT YOUR NAME (First + Last Name)

T1

T2

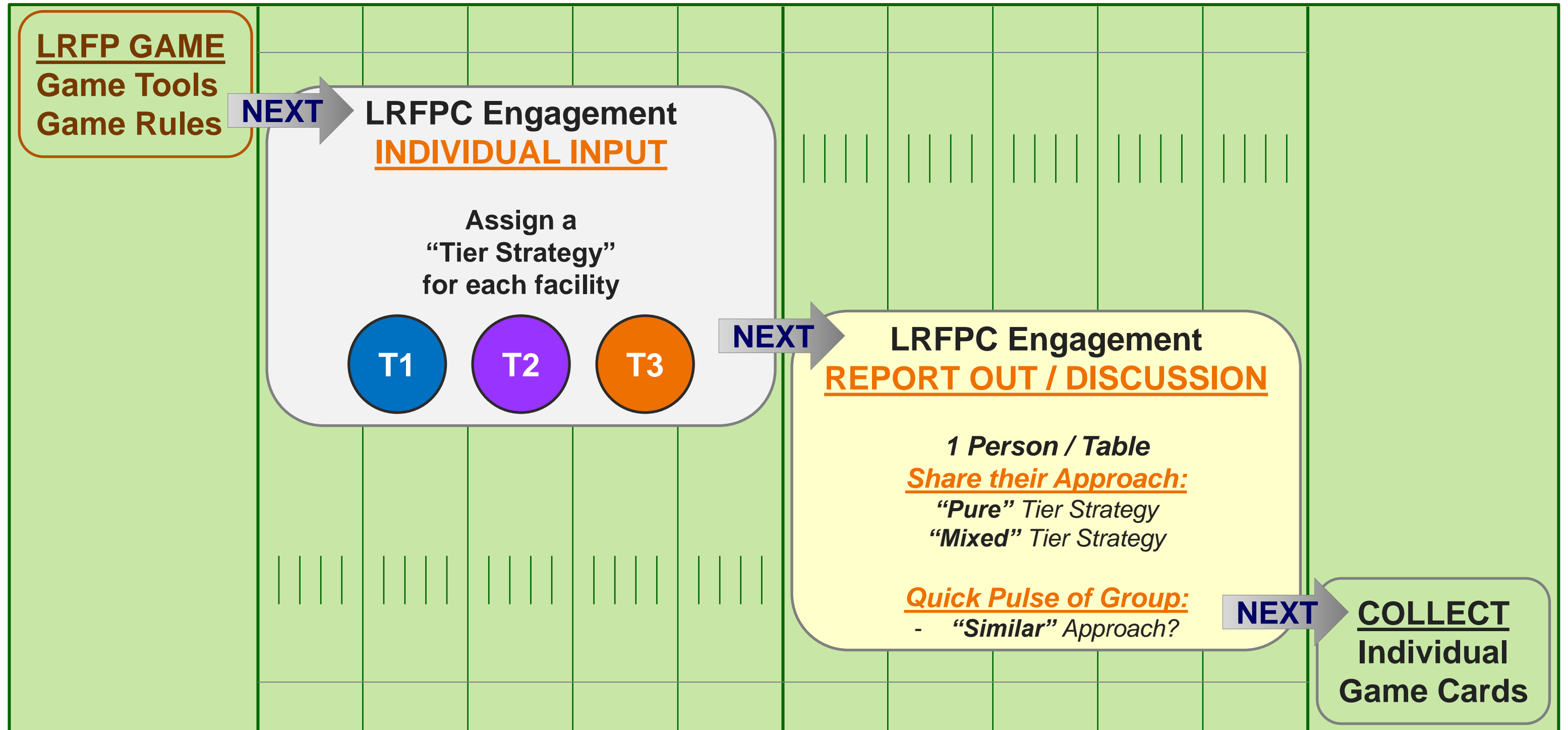
T3

MIDDLE SCHOOL "Select Tier Strategy"		HIGH SCHOOL "Select Tier Strategy"		SPECIALTY MS / HS SCHOOL "Select Tier Strategy"		CENTRAL CAMPUS "Select Tier Strategy"	
Memorial	Tier ?						
Northbrook	Tier ?	Memorial	Tier ?				
Spring Branch	Tier ?	Northbrook	Tier ?	MS / HS   SBEC	Tier ?	Ag Farm	Tier ?
Spring Forest	Tier ?	Spring Woods	Tier ?	MS / HS   WAIS	Tier ?	Guthrie Center	Tier ?
Spring Oaks	Tier ?	Stratford	Tier ?				
Spring Woods	Tier ?						
ADDITIONAL COMMENTS / FEEDBACK:		ADDITIONAL COMMENTS / FEEDBACK:		ADDITIONAL COMMENTS / FEEDBACK:		ADDITIONAL COMMENTS / FEEDBACK:	

LRFP Individual Game: Provide Input  
LRFP Group Feedback: Discussion



# LRFP Committee Engagement: LRFP Individual Game



Engagement Activity: 5 mins

15 minutes of Individual work (10 tables)

25 minutes of Reporting out (2 mins max. per table)

**START**

**INDIVIDUAL GAME PLAN + REPORT OUT / DISCUSSION**


**FINISH**




# “Tools” for the LRFP Individual Game

## LRFPC Individual Input Resources Available:


- 1




Planning & Construction  
+ Technology Team Captains




“Team Coaches”: SBISD District Captains
- 2




CTE Team Captains  
+ CTE Support Players




“CTE Lens/Filter”: Instructional Captains
- 3




Stantec Team Captains  
+ Stantec Support Players



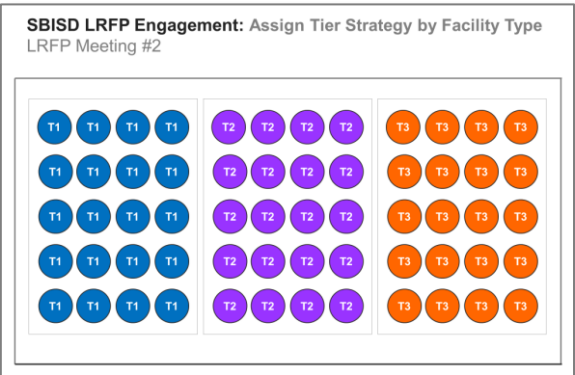
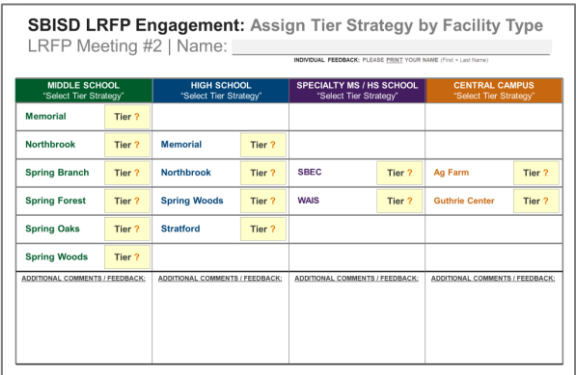
“Tier Strategy”: Facilities Assessment Captains
- 4



LRFPC Individual



Game Pieces:



# KEY FINDINGS | CTE ED SPEC ALIGNMENT (MS)

## Room Evaluation Legend

- Space SERVING as Shared Classroom
- Space SERVING as Clrm / Cmptr Lab
- Space SERVING as Med or High Intensity Lab
- Space EVALUATED as potential room use



## All 5 CTE Spaces NOT present

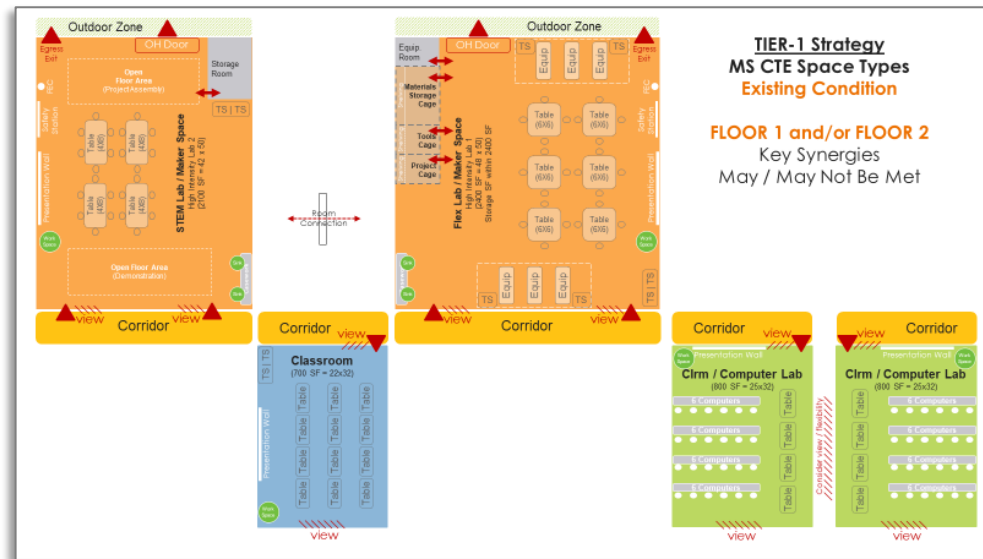
- Exception = SFMS + New LMS (Benchmark)
- 2 MS = Missing FLEX Lab ..... MMS, NBMS
- 1 MS = Missing STEM Lab ..... SOMS
- 3 MS = Missing 1 CTE Clrm/Computer Lab .... NBMS, SOMS, SWMS
- 4 MS = Missing CTE Classroom ..... MMS, NBMS, SBMS, SWMS

Code	Campus / Spaces Assessed	Room	Current Use	Shared General Clrm (for STEM + FLEX Lab)	Clrm/Computer Lab1 (Wired Infrastructure)	Clrm/Computer Lab2 (Wired Infrastructure)	STEM Lab (Clean, Med Intensity)	FLEX Lab (Dirty, High Intensity)
MS-1a	NEW Landrum MS	Room	Current Use	SBISD CTE Ed Spec Space Types				
5 CTE	1 - CTE	Clrm/Cmptr-Lab 1	Classroom / Computer Lab 1		SBISD CTE Ed Spec Clrm/Cmptr-1			
	2 - CTE	Clrm/Cmptr-Lab 2	Classroom / Computer Lab 2			SBISD CTE Ed Spec Clrm/Cmptr-2		
	3 - CTE	FLEX Lab (Clean)	High Intensity Lab / Shop Space				SBISD CTE Ed Spec STEM Lab	
	4 - CTE	STEM Lab (Dirty)	Medium Intensity Lab / Maker Space					SBISD CTE Ed Spec FLEX Lab
	5 - CTE	Shared CTE Clrm	General Use Classroom	SBISD CTE Ed Spec CTE Clrm				
MS-2	Memorial MS	Room	Current Use	Evaluation Criteria for Existing Spaces - Compared to CTE Ed Spec Space Types				
6 CTE	1 - CTE	Rm 125	Applied Problem Solving + 7th Gr Science (P. Krekeler)				Rm 125/ Science Evaluation	
	2 - CTE Vacant	Shop (Vacant)	Old Wood Shop --> Not Utilized					Shop (Vacant) Evaluation
	3 - CTE	Rm 209	Intro Comp Sci / Tech Apps (G. Dunn)		Rm 209			
	4 - CTE	Rm 210	Tech Apps (C. Waits)			Rm 210		
	5 - CTE / Art	Rm 225	Digital Design MM + Photo/Y.Book (C. Bottoms + S. Aguirre)		Rm 225 Evaluation			
	6 - CTE	Rm 202B	Tech Apps + Art/3D Modeling (W. Smith)			Rm 202B Evaluation		
MS-3	Northbrook MS	Room	Current Use	Evaluation Criteria for Existing Spaces - Compared to CTE Ed Spec Space Types				
5 CTE	1a - CTE	Rm D102	PLTW / Robotics Current @ COVID: Pathways (C. Carranza)				Rm D102	
	1b - CTE (Temporary)	Rm 9E	Science 7th Grade Current @ COVID: PLTW / Robotics (S. Lopez)					
	2 - CTE	Lab C (Rm A212)	Digital Design MM Current: Social Studies (K. Lair)			Lab C (Rm A212)		
	3 - Other	Lab B (Rm A211)	SPED - In Class Support (A. Haulcy + K. Franklin + J. Jaramillo + Para) Previous: Computer Lab?		Lab B (Rm A211) Evaluation			
	4 - Other	Lab A (Rm A209)	ESL Classroom (Grade 6/7/8) (E. Alkus)	Lab A (Rm A209) Evaluation				
	5a - CTE Other	Rm A204 (Open to A206)	Center for Student Support + ISS (B. Jaffe, M. Barnes)	Rm A204 Evaluation				
	5b - CTE Other	Rm A206 (Open to A204)	Culinary Kitchen (Vacant)			Rm A206 Evaluation		
MS-4	Spring Branch MS	Room	Current Use	Evaluation Criteria for Existing Spaces - Compared to CTE Ed Spec Space Types				
5 CTE	1 - CTE	Rm 111	"Robotics" - Local code		Rm 111			
	2 - CTE	Rm 319	Digital Design MM / Tech Apps (S. Whittenton)			Rm 319		
	3 - CTE	Rm 617	Inv Career Arch/Constr - Shop (B. Jahn)					Rm 617
	4 - CTE	Rm 622 / 623	Gateway Tech/PLTW - Shop/Clrm (L-shaped) (B. Jahn)				Rm 622 / 623	
	5a - CTE Other	Rm 102 (Open to 104)	CR Portals HTR - Clrm (N. Kahlden)				Rm 102 Evaluation	
	5b - CTE Other	Rm 104 (Open to 102)	CR Portals HTR - Lab (N. Kahlden)				Rm 104 Evaluation	

Code	Campus / Spaces Assessed	Room	Current Use	Shared General Clrm (for STEM + FLEX Lab)	Clrm/Computer Lab1 (Wired Infrastructure)	Clrm/Computer Lab2 (Wired Infrastructure)	STEM Lab (Clean, Med Intensity)	FLEX Lab (Dirty, High Intensity)
MS-5	Spring Forest MS	Room	Current Use	Evaluation Criteria for Existing Spaces - Compared to CTE Ed Spec Space Types				
6 CTE	1 - CTE	Rm 127-A	Principles of Manufacturing - LAB (S. Al Majm + J. Torres)					Rm 127-A
	2 - CTE	Rm 127-B	Principles of Manufacturing - CLRM	Rm 127-B				
	3 - CTE	Rm B201	Digital Comm / Digital Design MM (E. Watkins)		Rm B201			
	4 - CTE	Rm C203	Adv. Problem Solving - Local credit (A. Campos)			Rm C203 Evaluation		
	5 - CTE	Rm B202	"Robotics" - Local code (A. Littlefield)				Rm B202 Evaluation	
	6a - CTE Other	Rm G205 (Not Connected)	CR Portals HTR - Clrm (H. Clary)	Rm G205 Evaluation				
6 CTE	6b - CTE Other	Rm H201 (Not Connected)	CR Portals HTR - Lab (H. Clary)				Rm H201 Evaluation	
MS-6	Spring Oaks MS	Room	Current Use	Evaluation Criteria for Existing Spaces - Compared to CTE Ed Spec Space Types				
4 CTE	1 - CTE	Rm G131	CR Potals Manufacturing - LAB (J. Oekten)					Rm G131
	2 - CTE	Rm B211	Digital Design MM / Tech Apps (B. Taylor)		Rm B211			
	3 - CTE	Rm A223	"Robotics" - After School + Math (J. Moreno)	Rm A223				
	4a - CTE Other	Rm B103 (Culinary Clrm)	Host/Tour JH - Clrm (A. Witaneke)				Rm B103 Evaluation	
	4b - CTE Other	Rm B103 (Culinary Lab)	Host/Tour JH - Lab (A. Witaneke)				Rm B103 Evaluation	
MS-7	Spring Woods MS	Room	Current Use	Evaluation Criteria for Existing Spaces - Compared to CTE Ed Spec Space Types				
4 CTE	1 - CTE	Rm CL3	PLTW / Robotics (J. Hopper)				Rm CL3	
	2 - CTE	Rm CL2	Prin Info Tech / Intro to Web (J. Pearce / Prof. Estrada)		Rm CL2			
	3 - CTE Other	Rm 303	Host/Tour JH (Inv. Culinary Arts) (J. Peterson)				Rm 303 Evaluation	
	4 - CTE Alt Use	Rm 930	Parent/Mentor Room (Previous Shop) (D. Cabrera)					Rm 930 Evaluation



# KEY FINDINGS | RENOVATION - TIER STRATEGY (MS)



## TIER 1 “IN PLACE, AS IS” RENOVATE EXISTING CTE SPACES

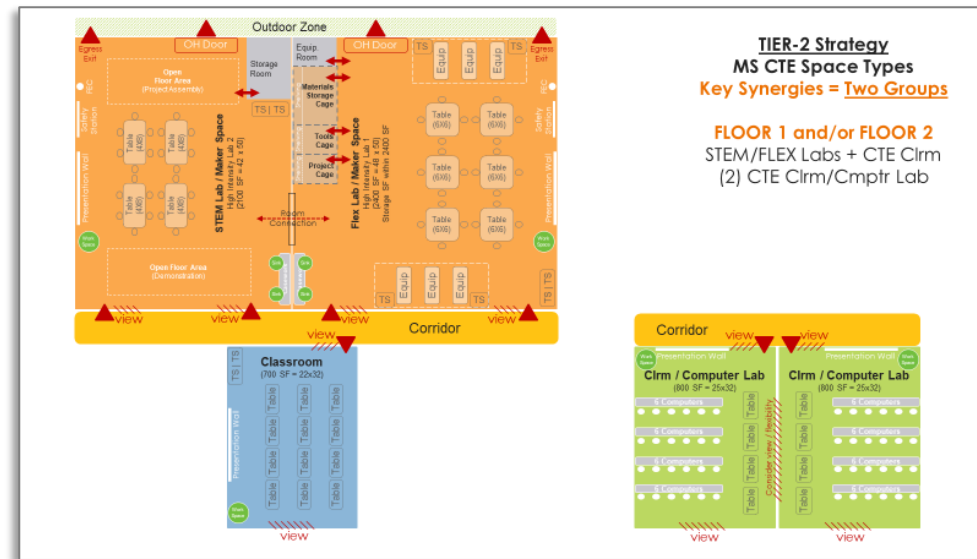
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- Typical = NOT all 5 CTE Spaces on Campus
- CTE Rooms are Typically Undersized
- $SF \leq 15\%$  of Criteria = Trigger Change

### CTE Ed Spec | **Adjacency Criteria**

- Typical = NOT all 5 CTE Spaces together
- 1-story Bldg. = CTE Spaces Spread out
- 2-story Bldg. = CTE Spaces Not on same floor

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## TIER 2 “MISSING+IMPROVE ADJACENCIES” RENOVATE / ADD CTE SPACES

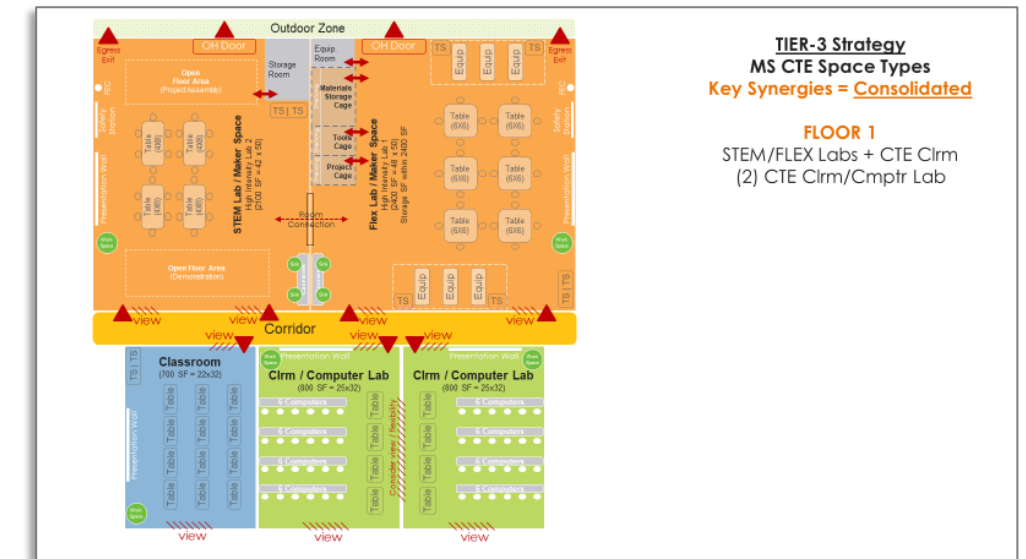
### CTE Ed Spec | 5 CTE Spaces + SF Criteria

- ADD MISSING CTE spaces at correct SF
- EXISTING CTE spaces = Renovate “AS IS”
- $SF \leq 15\%$  of Criteria = Trigger Change

### CTE Ed Spec | **Adjacency Criteria (Improve)**

- Group 1 = FLEX + STEM Lab + CTE Classroom
- Group 2 = (2) Classroom/Computer Labs

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## TIER 3 “MEET CTE ED SPECIFICATIONS” RENOVATE / ADD CTE SPACES

### CTE Ed Spec | 5 CTE Spaces + SF Criteria

- ADD MISSING CTE spaces at correct SF
- EXISTING CTE Spaces = RENOVATE or BUILD at correct SF

### CTE Ed Spec | **Adjacency Criteria (Ideal)**

- Consolidate Entire Group on Floor 1

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# KEY FINDINGS | CTE ED SPEC ALIGNMENT (HS)

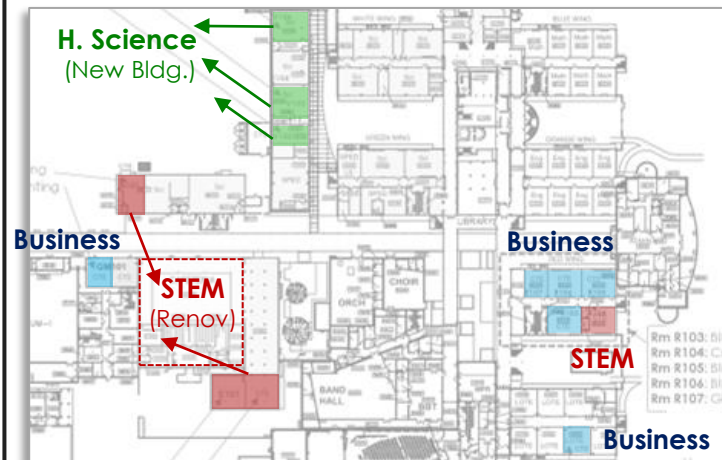
NONE of the HS Campuses have all CTE Programs of Study

- Arch/Construction + Manufacturing = **Missing @ 2 HS Campuses** (MHS, SHS)
- Design & Multimedia Arts = **Missing @ 2 HS Campuses** (MHS, SHS)
- Business, Mktg & Finance = **Partial @ 3 HS Campuses** (MHS, NBHS, SHS)
- Education & Training = **Missing @ 1 HS Campus** (MHS)
- Health Science = **Partial @ 3 HS Campuses** (NBHS, SHS)
- Science, Tech, Engineering, Math = **Missing @ 1 HS Campus** (NBHS) | **Partial @ 3 HS Campuses** (MHS, SWHS, SHS)

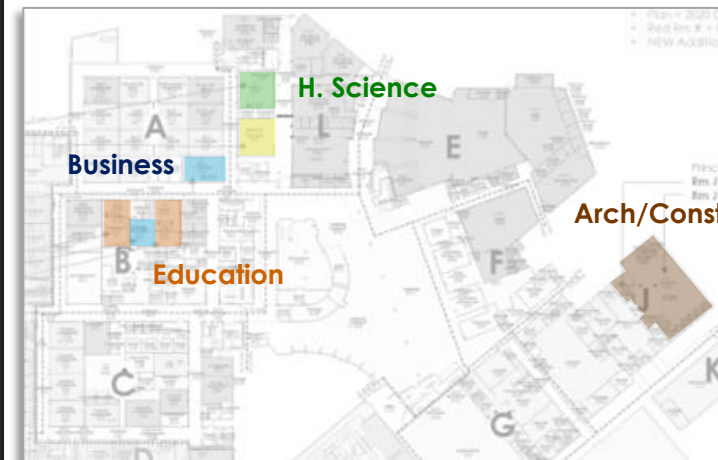
Career Cluster	Programs of Study	CTE Ed Spec		CTE Ed Spec		CTE Ed Spec		CTE Ed Spec	
		MHS		NBHS		SWHS		SHS	
		CTE: Qty / Space Type	Comparison	CTE: Qty / Space Type	Comparison	CTE: Qty / Space Type	Comparison	CTE: Qty / Space Type	Comparison
2	Architecture & Construction Principles of Construction	1 P. Constr. Lab w/ 1 Clrm	MISSING	1 P. Constr. Lab w/ 1 Clrm	1 P. Constr. Lab w/ 1 Clrm	1 P. Constr. Lab w/ 1 Clrm	1 P. Constr. Lab w/ 1 Clrm	1 P. Constr. Lab w/ 1 Clrm	MISSING
		Shared w/ Arch & Construction	Shared w/ Arch & Construction	Shared w/ Arch & Construction	Shared w/ Arch & Construction	Shared w/ Arch & Construction	1 P. Constr. Lab w/ 1 Clrm	Shared w/ Arch & Construction	Shared w/ Arch & Construction
4	Design & Multimedia Arts Tech Apps	1 Lab / Clrm	MISSING	1 Lab / Clrm	2 Lab / Clrm	1 Lab / Clrm	1 Lab / Clrm	1 Lab / Clrm	MISSING
5	Accounting & Financial Services Bus Mangement & Entrepreneurship	3 Business Clrms 4 Business Labs	5 Business Clrms 3 Business Labs	1 Business Clrms 2 Business Labs	0 Business Clrms 2 Business Labs	2 Business Clrms 2 Business Labs	2 Business Clrms 2 Business Labs	3 Business Clrms 3 Business Labs	0 Business Clrms 6 Business Labs
		1 Education Clrm	MISSING	1 Education Clrm	2 Education Clrm	1 Education Clrm	1 Education Clrm	1 Education Clrm	1 Education Clrm
8	Health Science	2017 Bond (3 H.Sci Labs)	2017 Bond (3 H.Sci Labs)	2 H. Science Labs	1 H. Science Lab	2 H. Science Labs	6 H. Science Labs	3 H. Science Labs	2 H. Science Labs
13	Cybersecurity	1 Cybersecurity Lab	MISSING	1 Cybersecurity Lab	MISSING	1 Cybersecurity Lab	1 Cybersecurity Lab	1 Cybersecurity Lab	MISSING
	Programming & SW Development	1 Programming Labs	MISSING	1 Programming Lab	MISSING	1 Programming Lab	MISSING	1 Programming Lab	MISSING
	Engineering	2017 Bond (2 Eng Labs)	2017 Bond (2 Eng Labs)	1 Eng Lab (w/ 1 Robotics)	MISSING	2 Engineering Labs	1 Engineering Lab	2 Engineering Labs	1 Engineering Lab

# KEY FINDINGS | RENOVATION - TIER STRATEGY (HS)

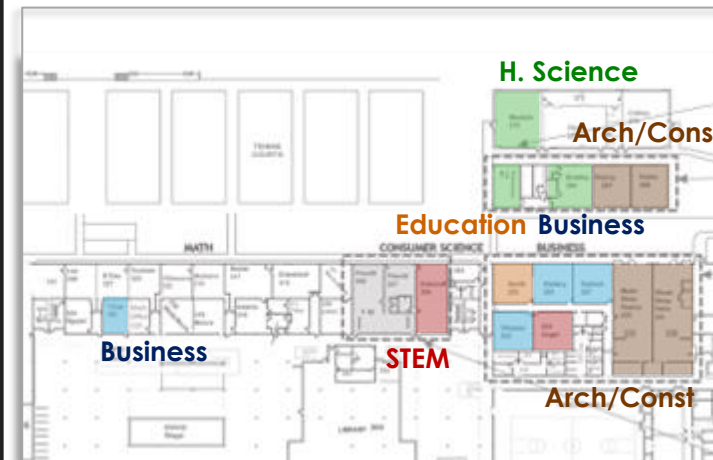
Memorial HS



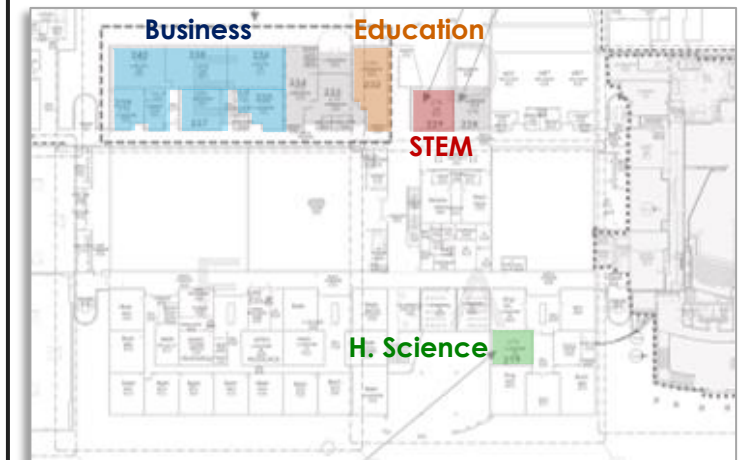
Northbrook HS



Spring Woods HS



Stratford HS



## TIER 1 "IN PLACE, AS IS" : RENOVATE EXISTING CTE SPACES

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Under-sized CTE Ed Spec criteria: Clrm (900 SF) + Clrm/Lab (1,200 SF) + Clrm/Cmptr Lab (1,200 SF) + P. Construction Lab (2,500 SF)

Missing / Partial CTE Programs: MHS (5 Missing / 1 Partial) + NBHS (3 Missing / 2 Partial) + SWHS (1 Missing / 1 Partial) + SHS (4 Missing / 3 Partial)

## TIER 2 "MISSING + IMPROVE ADJACENCIES" : RENOVATE / ADD CTE SPACES

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Improve CTE Adjacencies: Program Space Type (Renovate) + Career Cluster Grouping (Move)

Missing / Partial CTE Programs: Provide Space (Renovation and/or New Space: T-Bldgs?)

## TIER 3 "MEET CTE ED SPECIFICATIONS" : RENOVATE / ADD CTE SPACES

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Requires Master Plan: ALL CTE Programs (Existing / New) + MEET CTE Ed Specs Requirements (SF + Adjacencies)



# KEY FINDINGS | CTE ED SPEC ALIGNMENT (Guthrie)

**Educational Adequacy Criteria NOT met**

- **SF Criteria Not Met:** (undersized ≥ 15%)  
Electrical Tech + Cosmetology
- **Programs Not in Appropriate Space:**  
Pharmacy Tech + Criminal Justice
- **Programs Missing Key Spaces:**  
ALL except Arch Design + Digital Comm
- **Career Clusters Missing Key Programs:**  
Arch & Construction: 1 Program  
Health Science: 3 Programs
- **New Programs Missing:**  
Automotive Tech + Manufacturing/Welding  
High Bay Space / Outdoor Access
- **No Enterprise Entries:**  
Cosmetology + Culinary + Automotive

**Key Functional Adjacencies NOT met**

- **Arts, A/V Tech & Communications:**  
Digital Communications spread across 3 Bldgs.

**Renovations will “trigger” Regulatory Upgrades**

- **Life Safety**  
Fire Sprinkler + Fire Alarm (Audible Evacuation)  
Egress: Exiting + Lighting Outdoor

**Regulatory / Code**

- Accessibility (Accessible Route, Space)
- MEP Indoor Air Quality

CC	SBISD Program of Study	ON Campus (Ag + Guthrie)	NOT on Campus (Ag + Guthrie)
Index	Central Facility - CTE Ed Spec	CTE Program Spaces	MISSING
1	<b>Agriculture, Food &amp; Natural Resources</b> 1.1 <b>Animal Science</b> (1 Clrm + 4 Clrm/Lab) + (Arena/A. Pens) + Ag Mech + Greenhouse	<b>Agriculture, Food &amp; Natural Resources</b> Ag Farm (3 Clrm/1 Office) + Arena + Animal Pens + Ag Mech + Greenhouse	1 Ag Pract/Vet Med Lab + 1 Adv. Animal Science Lab
2	<b>Architecture &amp; Construction</b> 2.1 <b>Construction Technician</b> (2 Clrm + 1 Lab + 3 Project Stor) 2.2 <b>Electrical Technician</b> (1 Clrm + 2 Open Clrms + 2 Labs (14 Mock-up) 2.3 <b>Architectural Design</b> (2 Labs + 1 Storage + Library/Print)	<b>Architecture &amp; Construction</b> -- MISSING Bldg 3 (Trio): 1 Clrm + 1 Lab (10 Mock-up) 2 Teachers Share 1 Clrm/Lab Bldg 2 2 Design Labs + 1 Storage + 1 Library/Print	2 Clrms + 1 Lab/Shop (2 classes) + 3 Project Storage 2 Open Clrms + 1 Lab w/ Mock-up
3*	<b>Manufacturing</b> 3.1 <b>Welding</b> (1 Clrm + 2 Labs   20 Booths + 2 Project Stor + 2 Locker/Dressing)	<b>Manufacturing</b> -- MISSING	1 Clrm + 2 Labs (20 Booths) + 2 Proj. Stor + 2 Locker/Dressing
4	<b>Arts, Audio Visual Technology &amp; Communcations</b> 4.1 <b>Digital Communications</b> (1 Studio w/ Stor + Control Rm + 1 Sound + 2 Audio) <b>Digital Communications</b> (2 Digital Labs + 2 Storage Rms) <i>Digital Graphics (Not in CTE Ed Spec)</i>	<b>Arts, Audio Visual Technology &amp; Communcations</b> Bldg 3 1 Media Studio + 1 Control Rm + 1 B.Cast + 1 Audio Rm) + (2 Film/Photo) Bldg 2 2 Digital Labs + 2 Storage Rms Bldg 1 <i>Graphic Design: 1 Design Lab + Storage</i>	1 Sound Studio + 1 Audio Rms
8	<b>Health Science</b> 8.1 <b>Healthcare Practitioner</b> (1 Lab w/Stor) + (2 Clrms/Stor + 1 Cmptr Lab + 1 Sim Lab) 8.2 <b>Patient Care Technician</b> - NEW 8.3 <b>Dental Assistant</b> - NEW 8.4 <b>Pharmacy Technician</b> (1 Clrm + 1 Dispensary + 1 Retail Storefront)	<b>Health Science</b> -- MISSING -- MISSING (Currently at WAIS) -- MISSING Bldg 3 1 Clrm + 1 IV Lab (Both Undersized)	(1 Lab w/Stor) + (2 Clrms/Stor + 1 Cmptr Lab + 1 Simulation Lab) 1 Clrm + 1 (PCT/Phlem & EKG Lab) + 1 (IV Prep/IV Room) 1 Clrm + Dental Lab/Storage + 1 Reception/Waiting 1 Clrm + 1 Dispensary + 1 Retail Storefront
9	<b>Hospitality &amp; Tourism</b> 9.1 <b>Culinary Arts</b> 1 Enterprise/Bistro + 1 Coffee Bar + (3 Clrms/3 Food Labs) + Support	<b>Hospitality &amp; Tourism</b> Bldg 3 1 Bistro + 1 Coffee + (3 Clrms/4 Food Labs) + Support	1 Enterprise + 1 Optional Catering Block
11	<b>Information Technology</b> 11.1 <b>Info Tech Support &amp; Services</b> (2 Labs w/Stor + 1 MDF/Data Center)	<b>Information Technology</b> Bldg 4 2 Labs w/ Stor + 1 Office	1 MDF/Data Center
12	<b>Law &amp; Public Safety</b> 12.1 <b>Law Enforcement</b> (2 Clrm/Labs + 1 L. Enforcement Lab/Stor + 1 Simulator Rm/Stor)	<b>Law &amp; Public Safety</b> Bldg 4 2 Clrms	1 L. Enforcement Lab/Stor + 1 Simulator Rm/Stor
14	<b>Transportation, Distribution &amp; Logistics</b> 14.1 <b>Automotive Technician</b> - NEW	<b>Transportation, Distribution &amp; Logistics</b> -- MISSING	1 Enterprise + 2 Open Clrms + 1 Lab (9 bays) + 1 Fixed Lab + 2 Storage
15**	<b>Regional - Program of Study</b> 15.1 <b>Cosmetology</b> 1 Enterprise + (1 Clrm + 1 Open Clrm + 2 H.Studios + 1 Esth. + 1 Nail)	<b>Regional - Program of Study</b> Bldg 4 1 Clrm + + 2 Hair Studios + 24 Stu Lockers + Support	1 Enterprise + 1 Open Clrm + 1 Esthetician + 1 Nail Studio
16**	<b>Military - JROTC</b> 16.1 <b>Navy JROTC</b> 2 Clrms + 1 Assembly/P. Range/ Arms Stor + 3 Office/1 Mtg + Storage	<b>Military - JROTC</b> Bldg 3 2 Clrms + 1 Assembly/P. Range/Arms Stor + 3 Office + Storage	1 Meeting Room

# TIER 1 STRATEGY | CENTRAL CAMPUS (Guthrie)



## TIER 1 "IN PLACE, AS IS"

### RENOVATE EXISTING CTE SPACES

## CTE Spaces ON CAMPUS / PARTIAL

- **Architecture & Construction:** Electrical Tech + Arch Design
- **Arts, A/V Tech & Comm:** Digital Communications
- **Health Science:** Pharmacy Tech
- **Hospitality & Tourism:** Culinary Arts
- **Information Technology:** Info Tech Support & Services
- **Law & Public Safety:** Law Enforcement
- **Cosmetology**
- **NJROTC**

## CTE Spaces MISSING

- **Arch/Construction:** Construction Tech
- **Manufacturing:** Welding Tech
- **Health Science:** HC Practitioner + PC Tech + Dental Asst
- **Transportation, Distribution & Logistics:** Automotive Tech

## CTE Spaces SF + ADJACENCIES

- **Pros:** Most Programs of Study located in same building.
- **Cons:** Some undersized rooms, exceed  $\leq 15\%$  threshold.

# “Rules” for the LRFP Individual Game

With the information you have available, assign a “Tier Strategy” to each campus:



20 Mins

- 1 ► Set personal “preferences” aside: Think about District as a whole
- 2 ► Think about “student’s” experience: CTE Course sequence, Impact
- 3 ► Instructional “equity” is important: CTE Ed Spec Matrix
- 4 ► District “resources” will have a limit: Funding, Implementation, etc.



# SBISD LRFP Engagement: Assign Tier Strategy by Facility Type

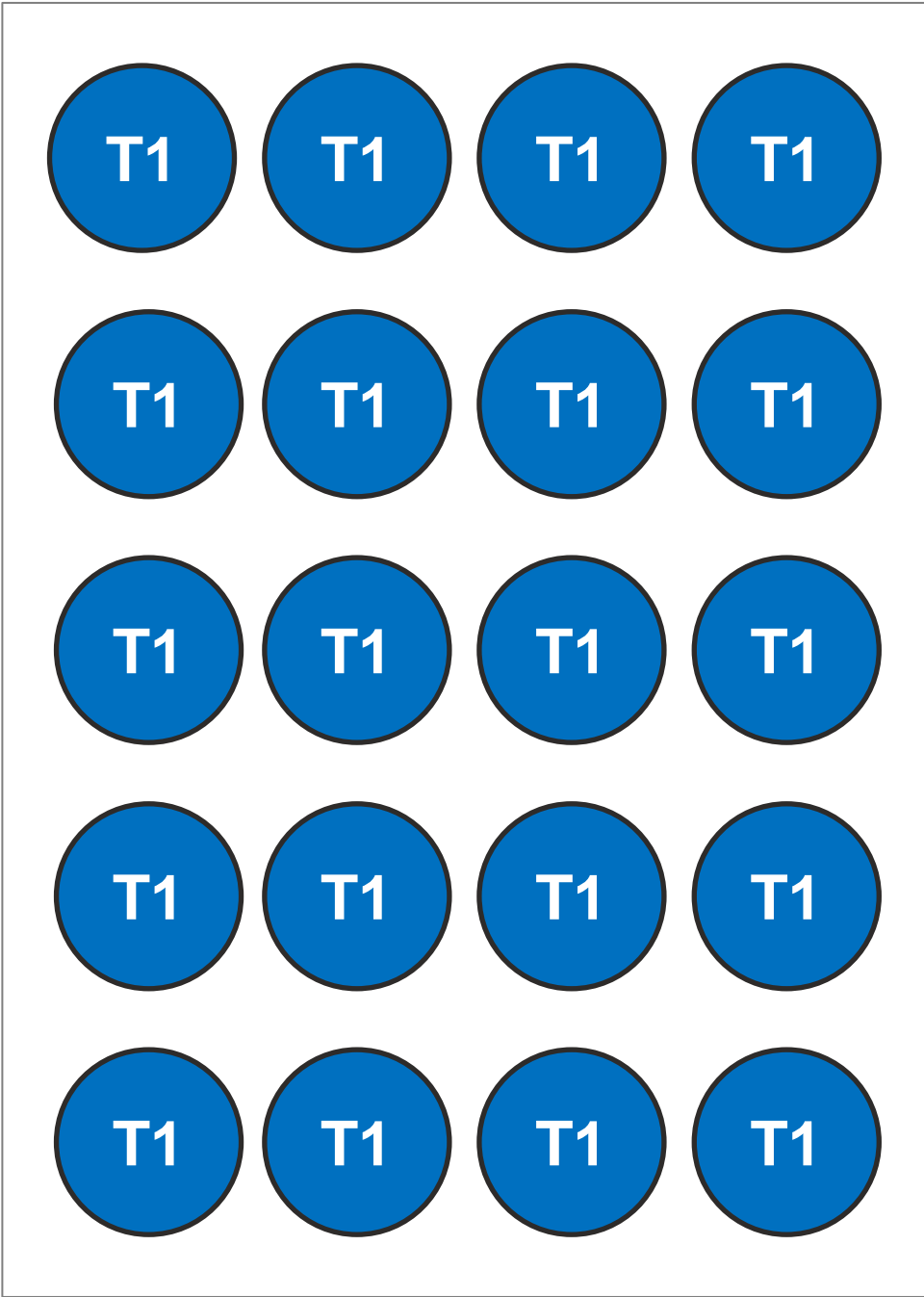
LRFP Meeting #2 | Name:

INDIVIDUAL FEEDBACK: PLEASE PRINT YOUR NAME (First + Last Name)

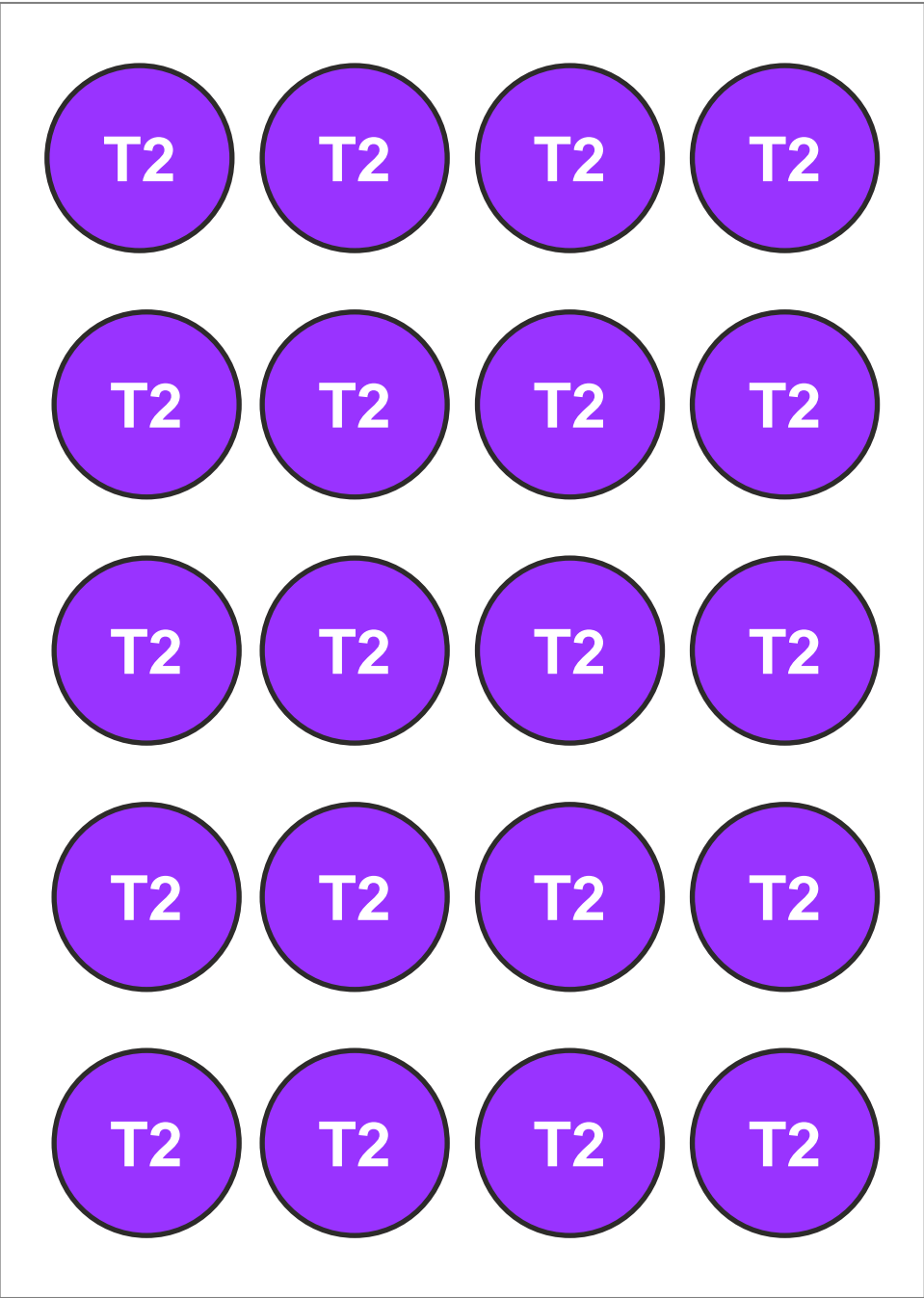
MIDDLE SCHOOL “Select Tier Strategy”		HIGH SCHOOL “Select Tier Strategy”		SPECIALTY MS / HS SCHOOL “Select Tier Strategy”		CENTRAL CAMPUS “Select Tier Strategy”	
Memorial	Tier ?						
Northbrook	Tier ?	Memorial	Tier ?				
Spring Branch	Tier ?	Northbrook	Tier ?	SBEC	Tier ?	Ag Farm	Tier ?
Spring Forest	Tier ?	Spring Woods	Tier ?	WAIS	Tier ?	Guthrie Center	Tier ?
Spring Oaks	Tier ?	Stratford	Tier ?				
Spring Woods	Tier ?						
<u>ADDITIONAL COMMENTS / FEEDBACK:</u>		<u>ADDITIONAL COMMENTS / FEEDBACK:</u>		<u>ADDITIONAL COMMENTS / FEEDBACK:</u>		<u>ADDITIONAL COMMENTS / FEEDBACK:</u>	

# SBISD LRFP Engagement: Assign Tier Strategy by Facility Type

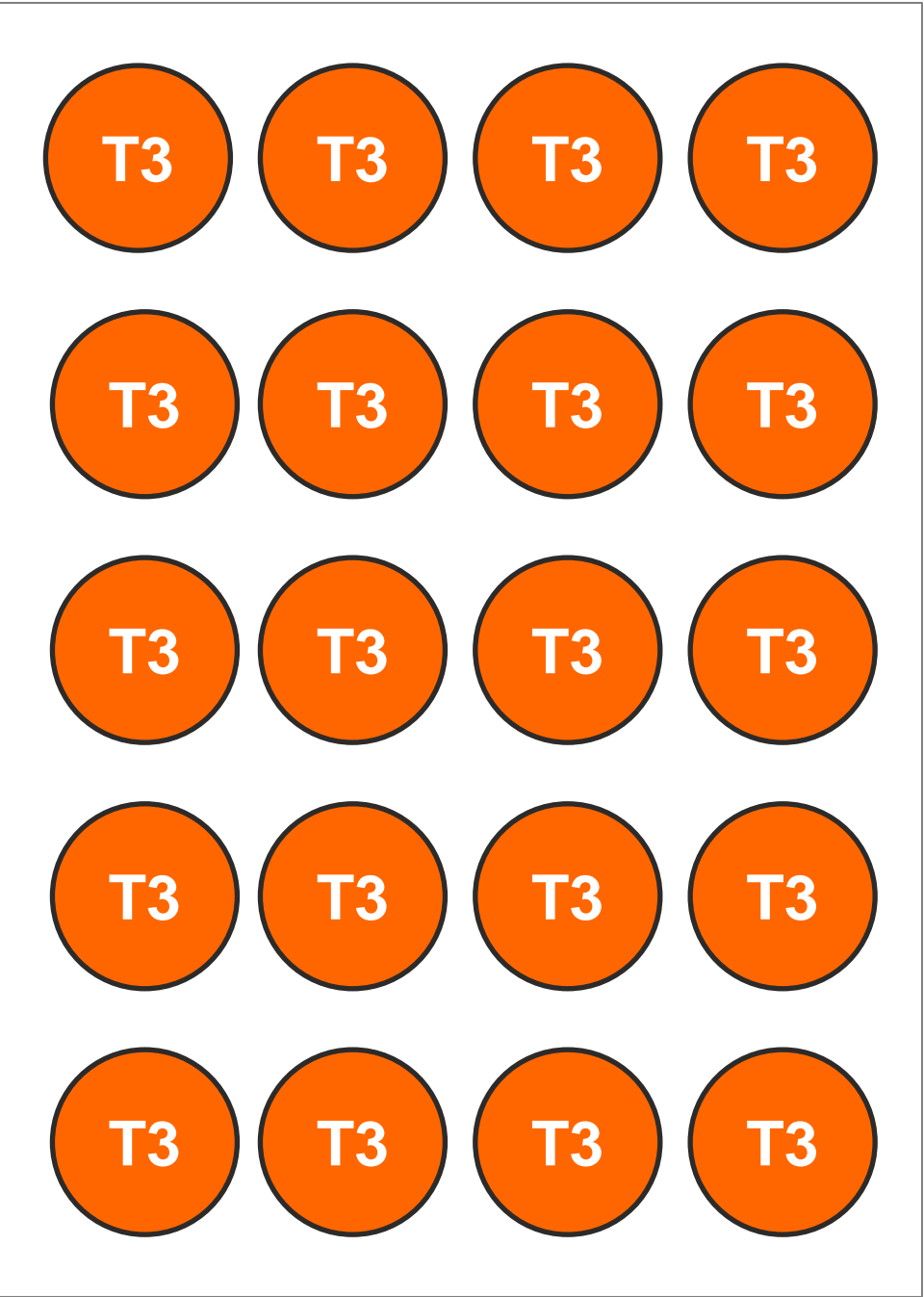
## LRFP Meeting #2 | “Tier Strategy” Stickers (Game Pieces)



TIER 1 “IN PLACE, AS IS”  
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TIER 2 “MISSING+IMPROVE ADJACENCIES”  
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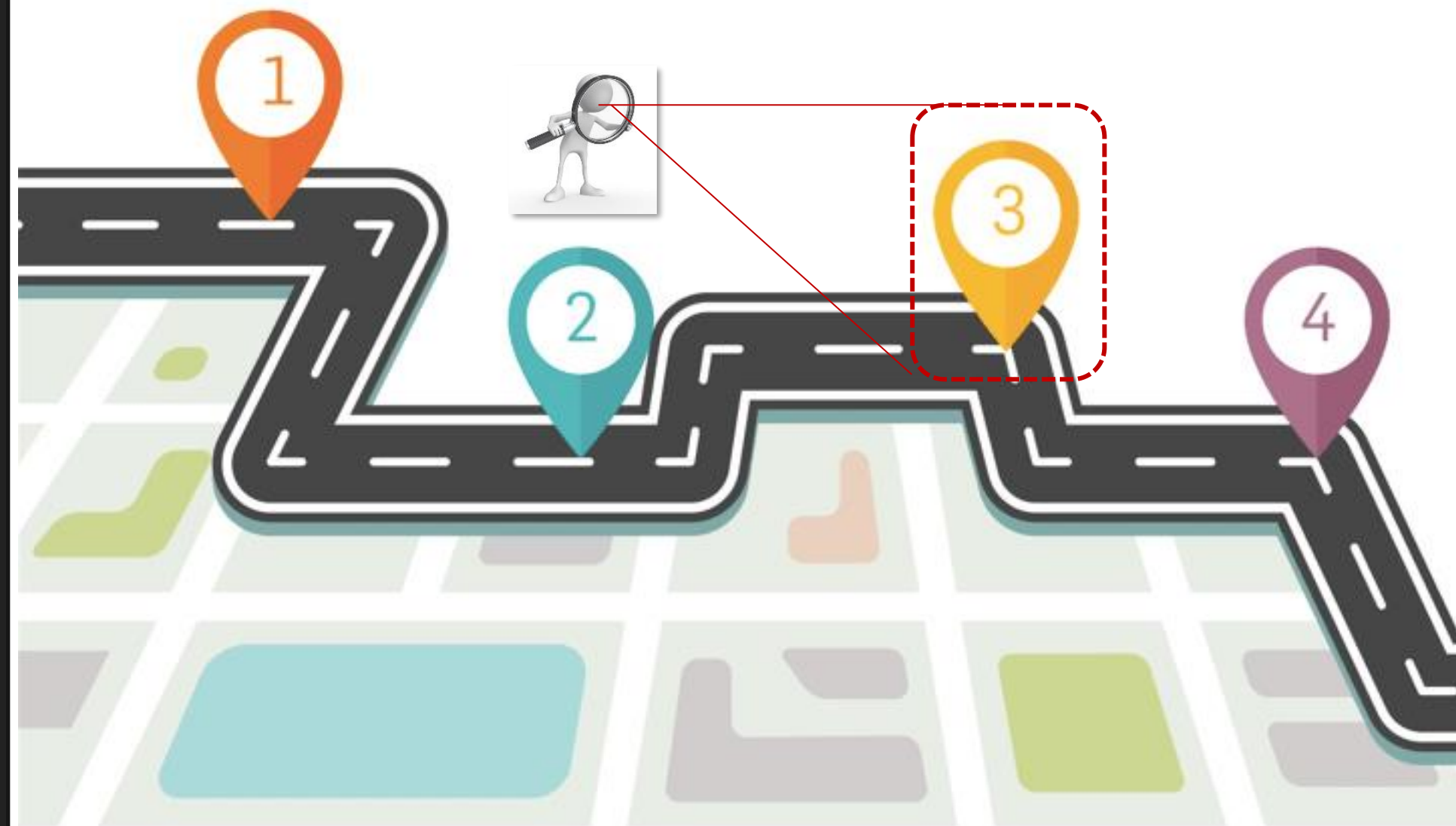


TIER 3 “MEET CTE ED SPECIFICAITONS”  
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Item

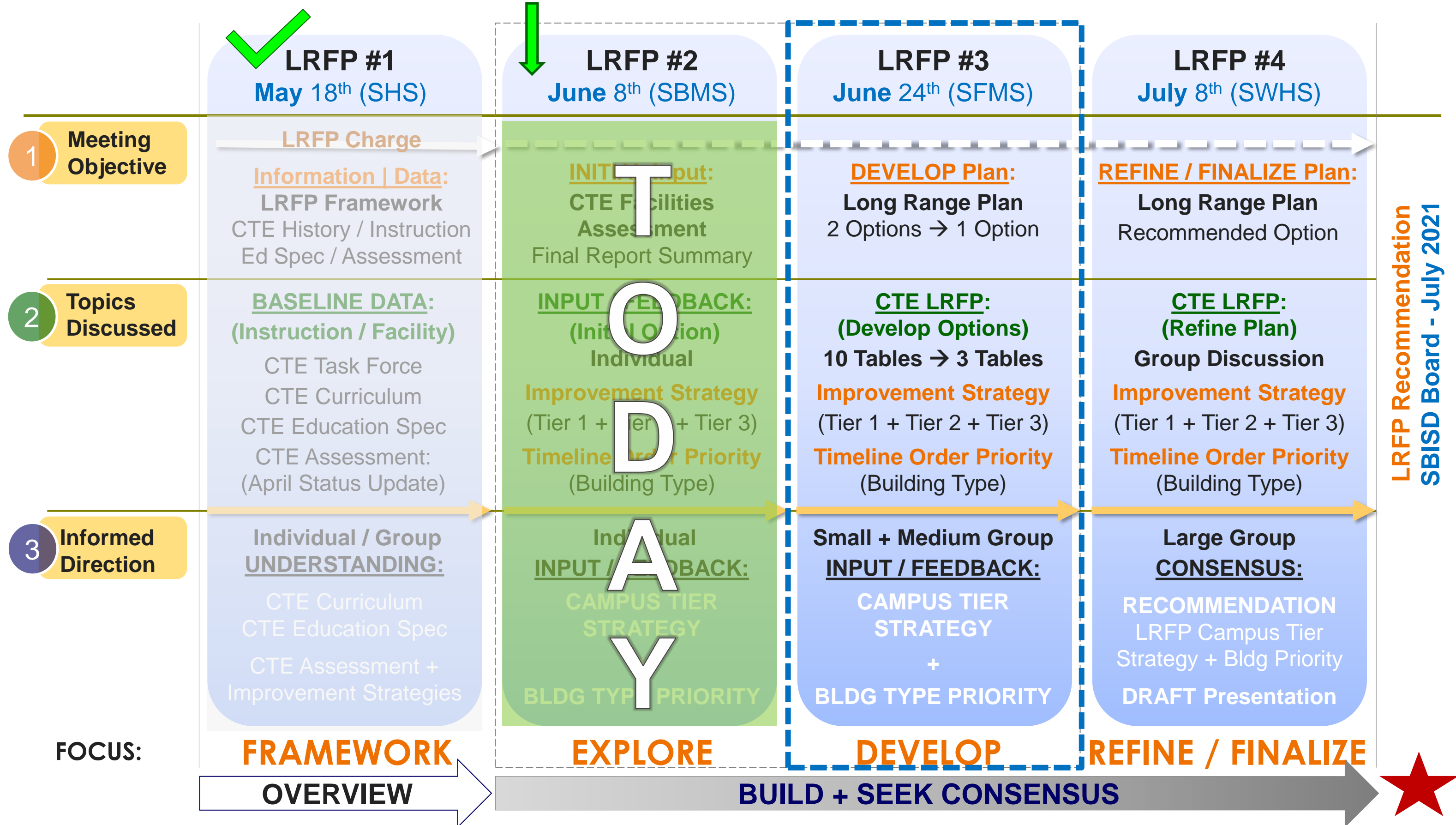
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**LRFP Committee Mtg #2  
Meeting Wrap-up:**



**What to Expect: Next Step | LRFP Mtg#3  
Closing Remarks**







**THANK YOU !**



**LRFP Meeting #3**  
**June 24<sup>th</sup> at SFMS**