



CTE Bond Advisory Committee Meeting #3

Oct. 6, 2021 Stratford HS



CTE Bond Planning Bond Advisory Committee

VISDAI



Agenda: CTE BAC Meeting #3

	05 Minutes	 CTE BAC Committee Charge CTE BAC Mtg#2 Recap
1	10 Minutes	 <u>SBISD BAC Individual Input</u>: "Mtg #2 Results" <u>Summary Chart</u>: BAC Numerical Data Results <u>Summary by Facility Type</u>: MS, HS, MS/HS, Ag Farm, Guthrie Center
2	15 Minutes	 <u>SBISD CTE and Beyond</u>: <u>Involvement</u>: Who can take advantage of and participate in CTE? <u>Benefits & Opportunities</u>: Student involvement leads to College,
3	65 Minutes	 BAC Committee Engagement: "Bond Plan Scenarios" 05 min = Exercise Set-up (Objective, Tools + Rules) 25 min = BAC 20 Table Consensus Exercise (2 Scenarios) 05 min = Re-Organize into Small Groups 25 min = BAC 5 Group Consensus Exercise (2 Scenarios) 05 min = Review Preliminary Results of the 5 Groups
	05 Minutes	 What to Expect in the Final BAC Meeting: Oct. 20th at Lar

Closing Remarks



Ś Career, Military, Community

ndrum MS



CTE Bond Advisory Committee (BAC) - Charge

- The SBISD Board of Trustees will appoint a Career and Technical Education Bond Advisory Committee (CTE BAC) ٠ 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-٠ 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

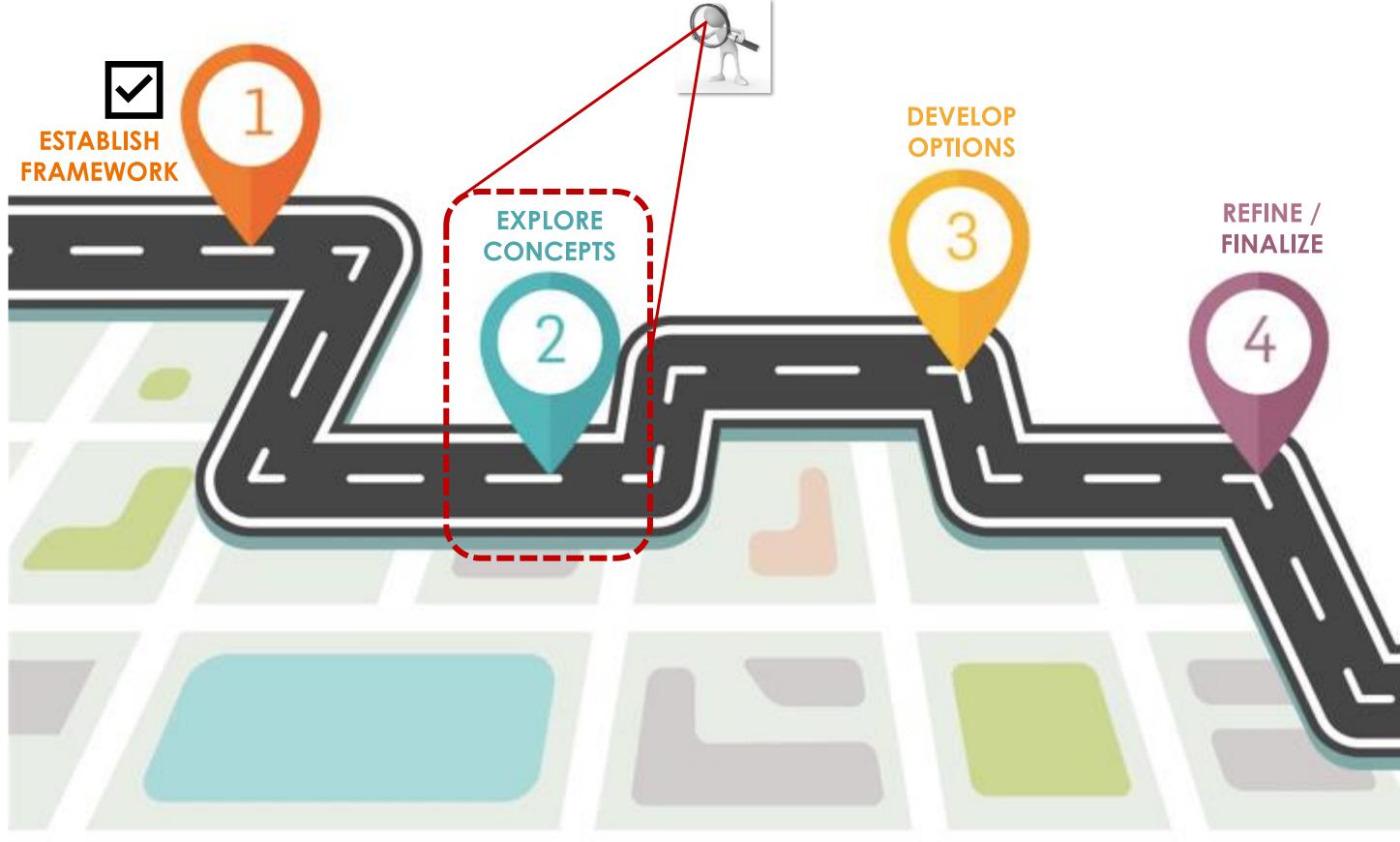
In developing the recommendations for a proposed bond package, the CTE BAC should focus on: ۲ **SBISD CTE facilities in the areas** of renovation, additions and/or replacement of existing classrooms, labs and facilities. Additions to accommodate CTE program enrollment. Renovations to meet District Standards and CTE Educational Specifications. **Transformation/replacement** of aging CTE facilities.

CTE Bond Advisory Committee (BAC) – <u>Refrain from</u>

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 BAC Meetings: BAC Meeting #2 Recap









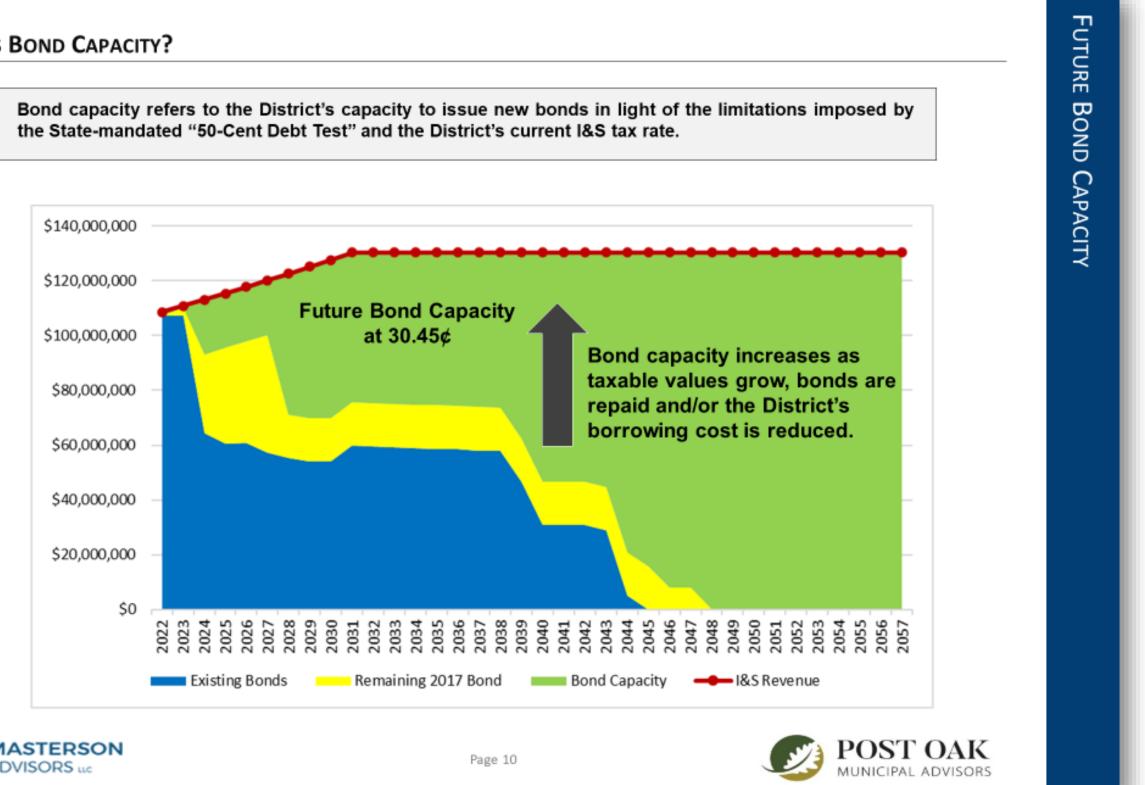


Agenda	
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lle of Events on + Preliminary Bond Capacity Analysis	
mpus Snapshot (SWHS) n – Future Cost	
r <mark>idual Exercise</mark> " es) Exercise) Discussion) ers	
Oct. 6 th at Stratford HS	
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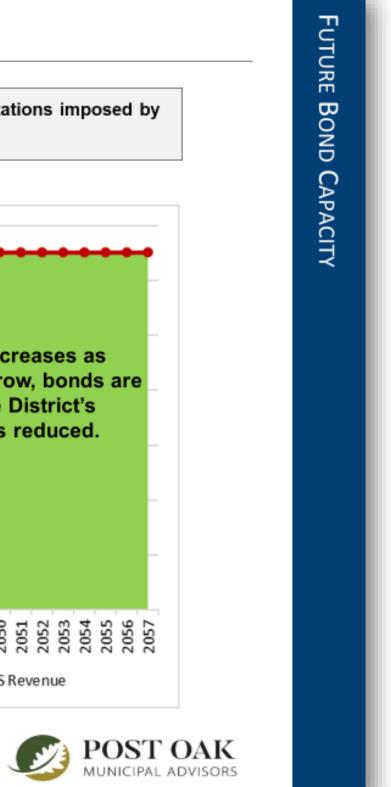


SBISD Bond Financial Information | Future Bond Capacity

WHAT IS BOND CAPACITY?









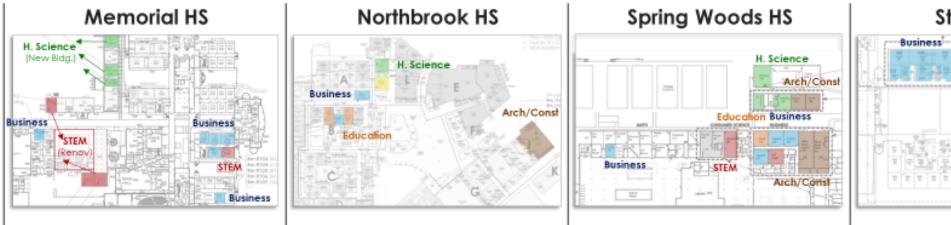


Spring

CTE LRFP Committee Recommendation | Tier Strategy Approach

CTE BAC Meeting #2 | SBISD Bond Plan Scope: Campus Snapshot (SWHS)

KEY FINDINGS | RENOVATION - TIER STRATEGY (HS)



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

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 \$\$

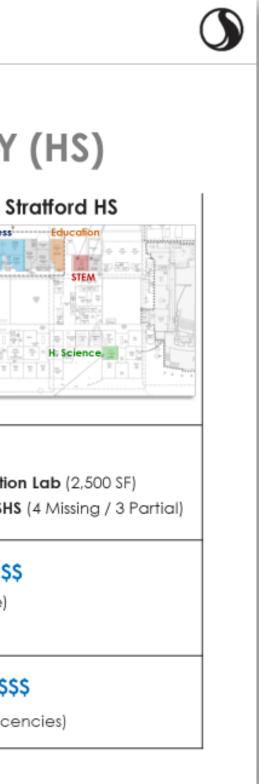
Improve CTE Adjacencies: Program Space Type (Renovate) + Career Cluster Grouping (Move)

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

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

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







CTE LRFP Committee Recommendation | Future Potential Cost

CTE BAC Meeting #	#2 SBISD Bond Plan S	cope: Cost Escalation Impact		
LRFP Recommendation Summary Cost Data				
CTE BAC Meeting #3 PRELIMINARY COST ANALYSIS	LRFP-C Recommendation "Current" Project Cost Year 2021 Assessment	LRFP-C Recommendation "Future" Project Cost % Proposed Timeline Su		
MIDDLE SCHOOL MMS + NMS + SBMS + SFMS + SOMS + SWMS	\$ 32,345,310	\$ 42,617,667		
HIGH SCHOOL MHS + NHS + SWHS + SHS	\$ 67,761,815	\$ 90,485,108		
MS / HS SPECIALTY SBEC + WAIS	\$ 4,373,296	\$ 5,990,847		
AG FARM	\$ 25,462,662	\$ 35,369,609		
GUTHRIE CENTER	\$ 89,048,041	\$ 111,136,229		
CTE LRFP-C Recommendation SUBTOTAL-1 CTE Technology Infrastructure SUBTOTAL-2	\$218,991,124 \$12,100,000	\$285,599,460 \$12,100,000		
GRAND TOTAL	\$231,091,124	\$297,699,460		
	CURRENT COST Yr 2021			
		COST ESCALATION		



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			l
of CTE			l
15%			I
32%			I
2%			I
12%			I
39%			I
100%			l
UTURE ROJE	i CTION		

ltem

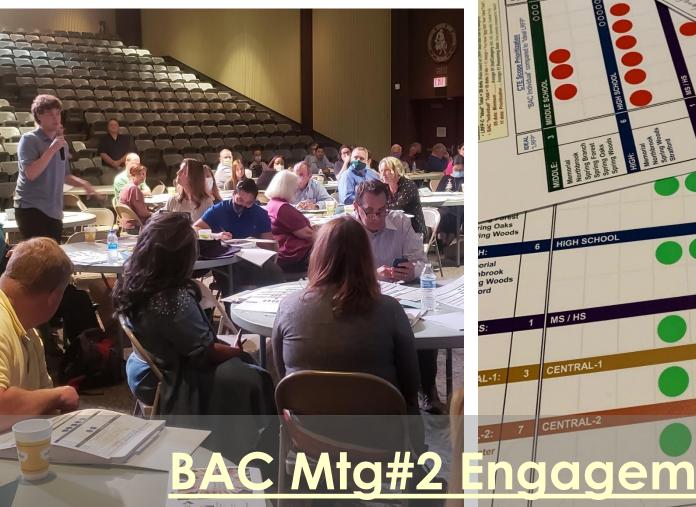




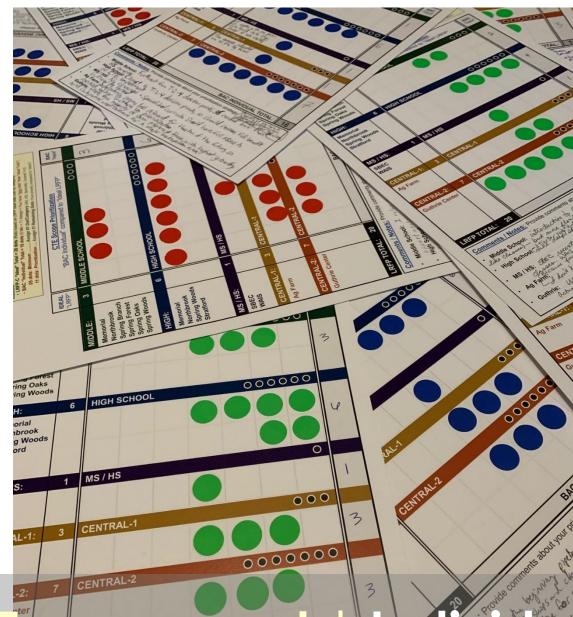
BAC Mtg #2 Engagement:

<u>RESULTS</u> of BAC Individual Input Exercise

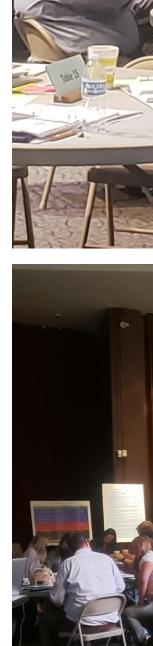








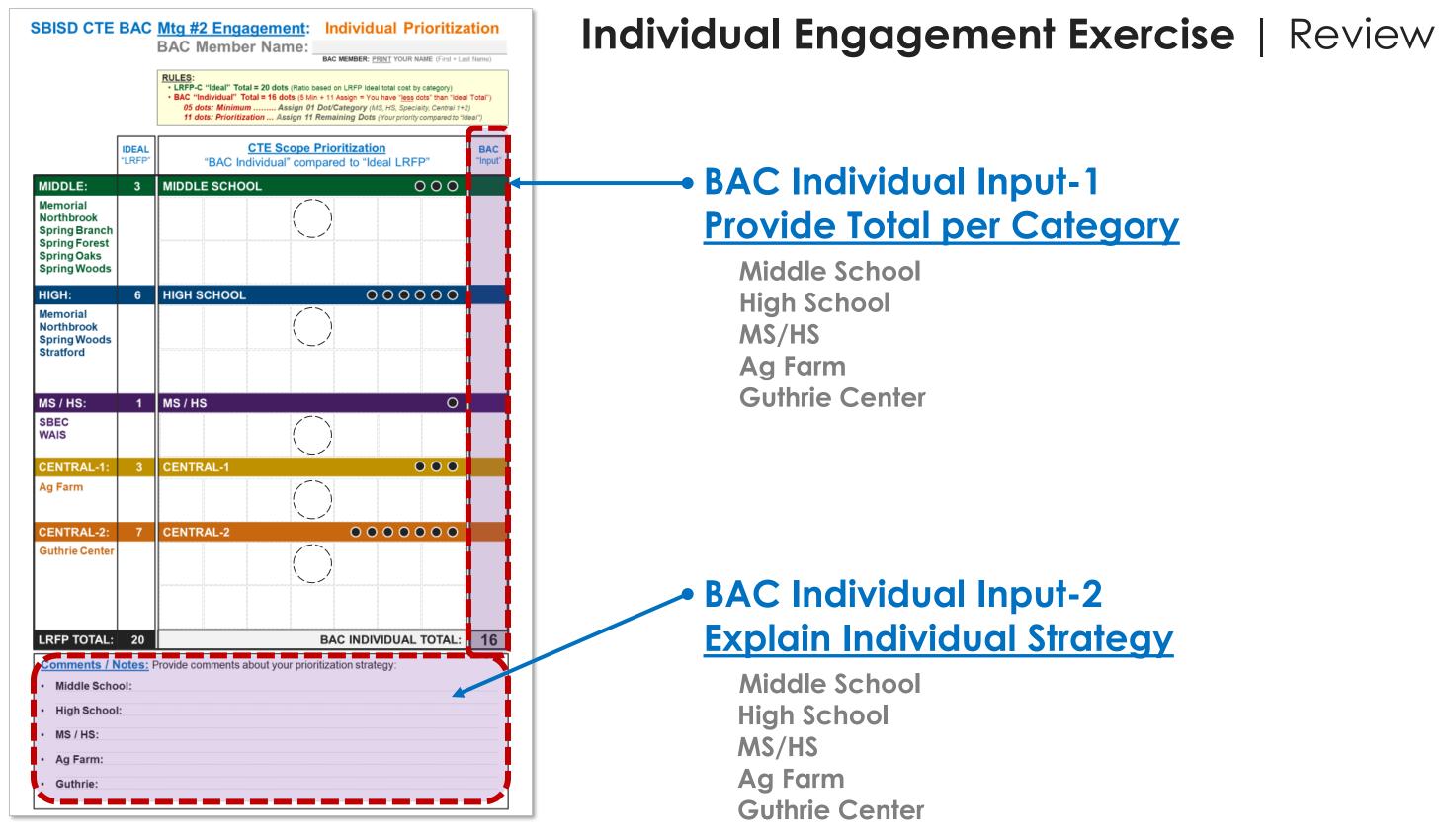
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Individual Input: Prioritization







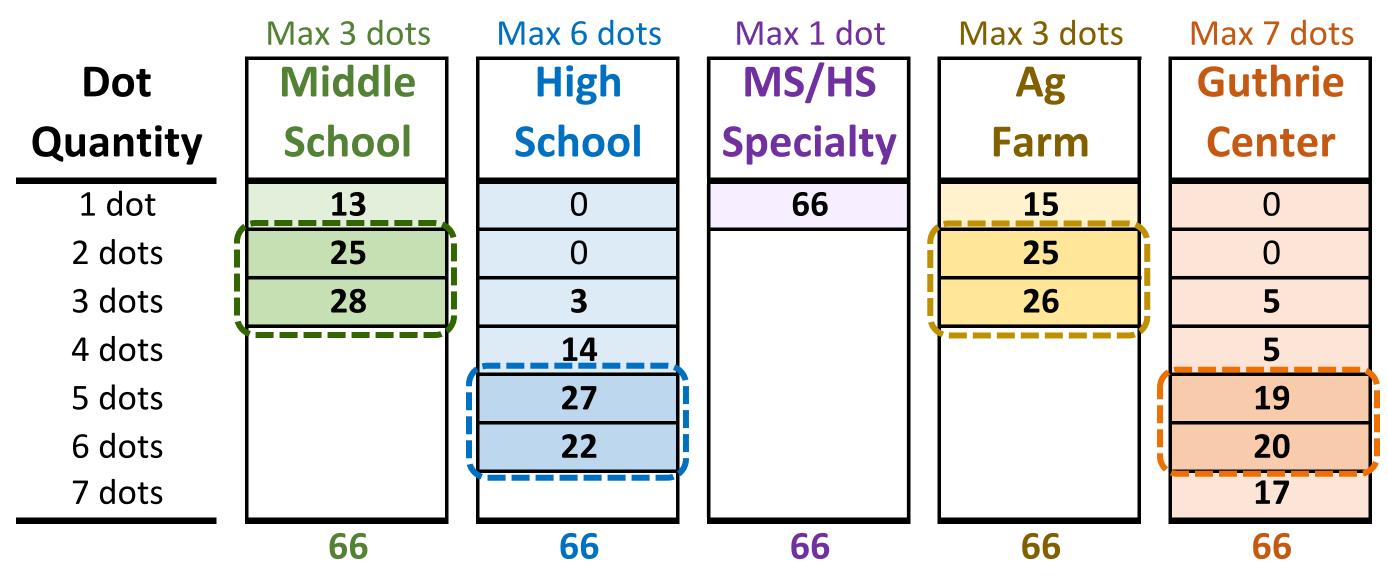








BAC Individual Input Results: SUMMARY DATA



Legend / Notes:

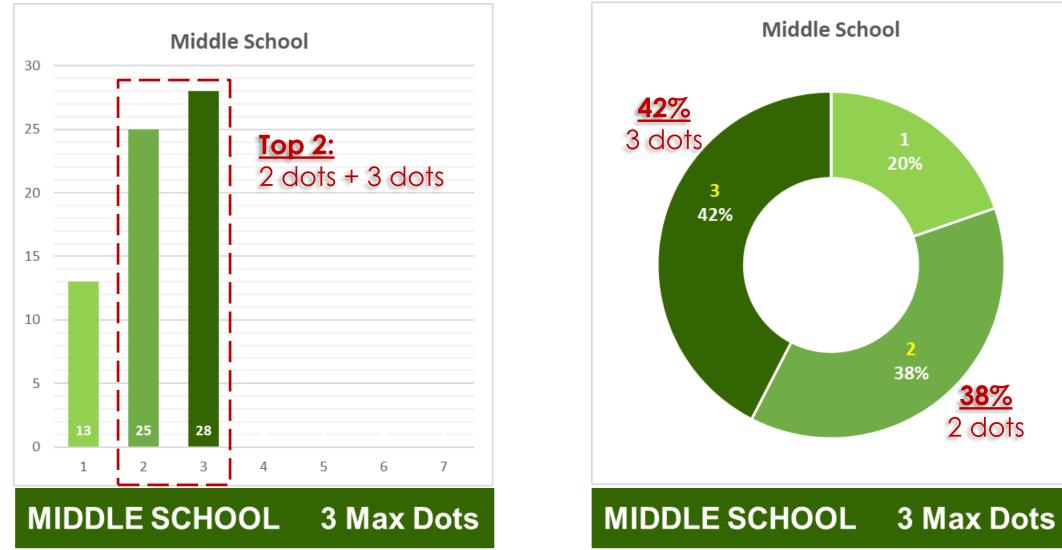
- 66 BAC Individual Input Cards were turned in ۰
- Chart tracks how many BAC Members voted for each "Dot Quantity" ۰
- Chart highlights "Top 2" votes received per facility type ۰







BAC Individual Input Results: Middle School



"Students need to be able to explore various areas; not necessarily lock in on a career."

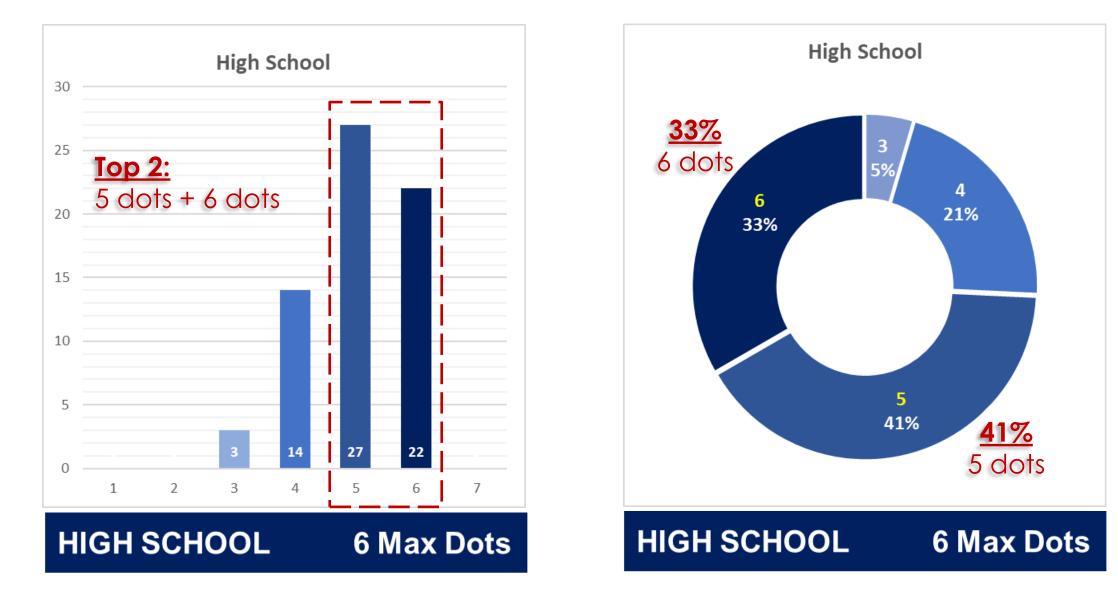
"Middle Schools are for initial exposure and exploration, and while important – fewer students (at this level) have electives to take advantage of CTE offerings."







BAC Individual Input Results: High School



"Continue building on the foundation of Middle School facilities"

"Closest to T-2-4 decision points, so should receive full benefit of CTE investment"

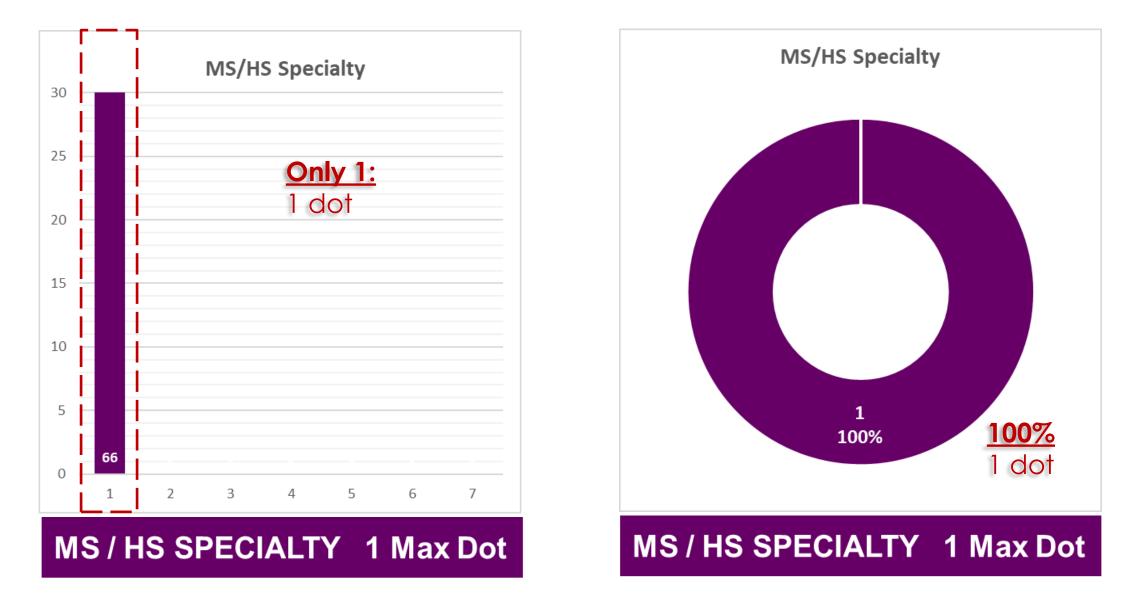
"Maximize spend for Maximum number of students. Need enough career options for students (at Home Campus) where it is not practical to travel."







BAC Individual Input Results: MS/HS Specialty



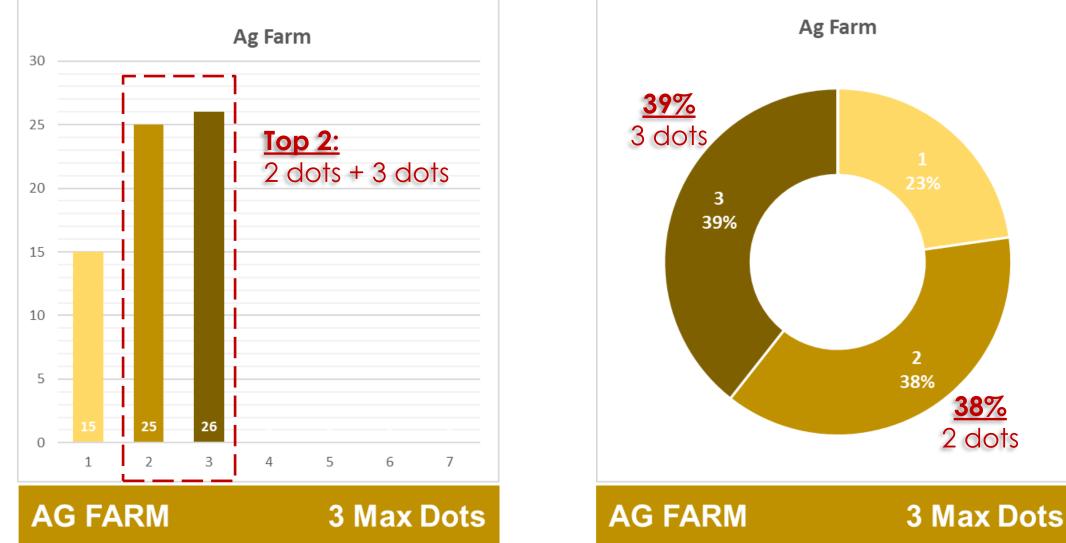
"Appeared based on data that they did not have a big need and were already well outfitted."

"These specialty campuses serve a smaller population of our students; I gave priority to the Central Campus because it will impact more kids."





BAC Individual Input Results: Ag Farm



" Important, but it could be a place where scope is reduced with fewer students impacted, and where current facilities could be used with (needing) fewer improvements."

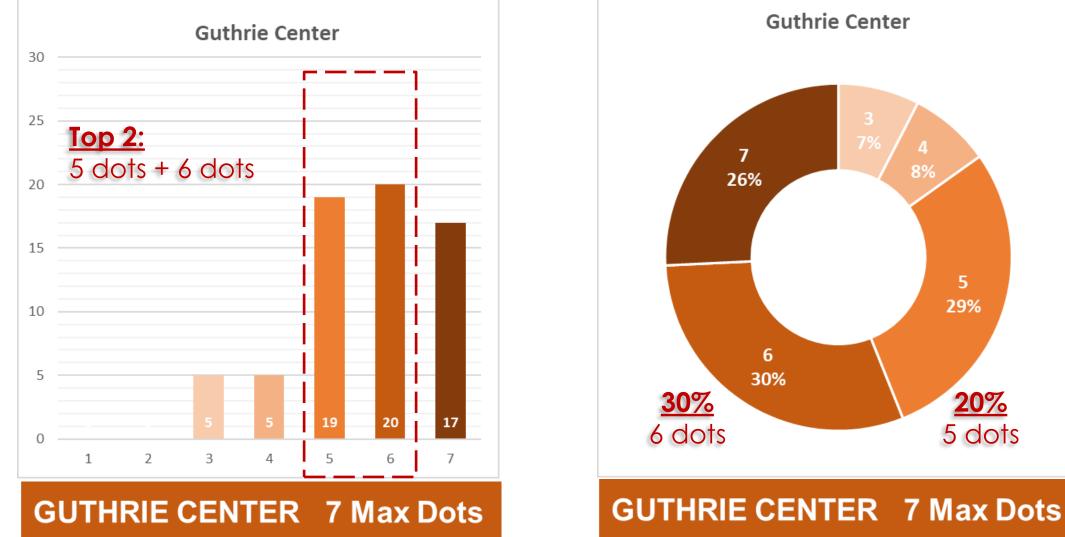
"Wish we could do more; most hidden gem in SBISD. This program generates scholarship opportunities that open doors to college for many kids who could not otherwise afford it."





CTE BAC Meeting #3 | BAC Meeting #2 Engagement - RESULTS

BAC Individual Input Results: Guthrie Center



"15 of the Programs of Study feed to the Central Campus. If we truly want a World Class CTE Program - we need a First-Class Central Facility!"

"...when serious about CTE Training and exposure to careers...(it is) important to be connected to resources, people, and businesses."

"Having an optimized Central CTE campus will provide a direct bridge to launch students from K-12 to a post high school degree."







Questions?

ltem



SBISD CTE and Beyond:

Involvement, Benefits & Opportunities

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



Career & Technical Education

in Spring Branch ISD

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 postsecondary 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

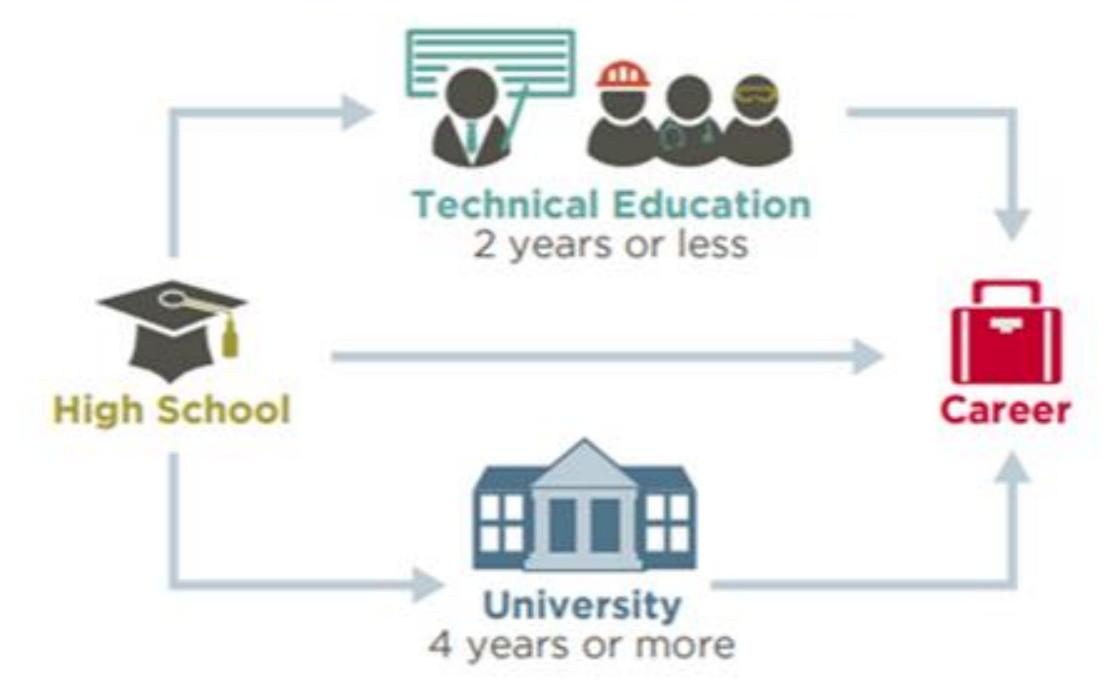
Real-World Connections

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

There are many paths to building a successful career.





2021-2022 **Secondary Student Participation in CTE Courses**

	Secondary School Enrollment	CTE Enrollment
Middle School Enrollment	7,486	2,180
High School Enrollment	10,043	7,535
Total	17,529	9,715



% of students served by CTE







Central Facility & Home Campus

	Central Faciity		
Agriculture, Food & Natural Resources			
1.1	Animal Science	(Farm)	
Archite	cture & Construction		
2.1	Construction Technician		
2.2			
2.3	Architectural Design		
Manuf	acturing		
3.1	Welding		
Arts, A	udio Visual Technology & C	ommuncations	
4.1	Digital Communications	(Filmmaking)	
Health	Science		
8.1	Healthcare Practitioner		
8.2		- NEW	
8.3	Dental Assistant	- NEW	
8.4	Pharmacy Technician		
Hospit	ality & Tourism		
9.1	Culinary Arts		
Inform	ation Technology		
11.1	Info Tech Support & Servi	ces	
Law &	Public Safety		
12.1	Law Enforcement		
Transp	ortation, Distribution & Log	istics	
14.1	Automotive Technician	- NEW	
Regional - Program of Study			
15.1	Cosmetology		
Militar	y - JROTC		
16.1	Navy JROTC		

	Home Campus	
Archite	ecture & Construction	
2.1	Principles of Construction	(Shared Lab)
Manuf	acturing	
2.1	Principles of Construction	(Shared Lab)
Arts, A	udio Visual Technology & Comr	nuncations
4.1	Design & Multimedia Arts	(Tech Apps)
Busine	ss, Marketing & Finance	
5.1	Accounting & Financial Service	es
5.2	Business Mgmt & Entreprene	urship - NEW
Educat	ion & Training	
6.1	Teaching	
Health	Science	
8.1	Health Science	
	e, Technology, Engineering & M	
13.1	Cybersecurity	NEW

- 13.2 Programming & Software Devel. (Compt. Sci)
- 13.3 Engineering

Manufacturing Welding & Manufacturing

Home Campus Only

- •
- •

- •

Central Facility Only

Agriculture, Food & Natural Resources Animal Science Agricultural Science

Arts, Audio Visual Technology & Communications Digital Communications

Hospitality & Tourism Culinary Arts

Information Technology Info Tech Support & Services

Law & Public Safety Law Enforcement

Transportation, Distribution & Logistics Automotive Technician

Regional Program of Study Cosmetology Military - NJROTC

Navy JROTC

Home Campus → Central Campus

Architecture & Construction Construction Technician Electrical Technician Architectural Design

Health Science Healthcare Practitioner Patient Care Technician Dental Assistant Pharmacy Technician

Arts, Audio Visual Technology & Communications **Design and Multimedia Arts Business, Marketing & Finance Accounting and Financial Service Business Mgmt. & Entrepreneurship Education and Training Teaching** Science, Technology, Engineering, & Mathematics

Cybersecurity **Programming & Software Development (Computer Scien** Engineering

Examples of How Students Earn Certifications

Cluster	Program of Study	Certification
	Architectural Design	Autodesk Certified User AutoCAD, Revit
Architecture & Construction	Construction Technology	OSHA General 10 Hour, NCCER Core, NCCER Ca
	Electrical Technician	OSHA General 30 Hour, Electrical Technology C NCCER Core
	Patient Care Tech	AHA Heartsaver CPR, AHA Basic Life Support (B certification, Certified Patient Care Technician II IBC, Phlebotomy IBC
Health Science	Pharmacy Tech	AHA Heartsaver CPR, AHA Basic Life Support (B OSHA 10 hour certification, Certified Pharmacy National Sterile Products (IV)
	Healthcare Practitioner	AHA Heartsaver CPR, AHA Basic Life Support (B
	Cybersecurity	CompTIA A+ IBC, CompTIA A+ Networking+ IBC
STEM	Engineering	Autodesk Inventor Certified User, OSHA 30
	Programming and Software Development	MTA: Introduction to Programming using Pytho

arpentry l

Commercial Level 1 Certificate,

BLS), OSHA 10-hour IBC, Certified EKG Technician

BLS) / Technician (CPhT) IBC,

BLS),OSHA 10 Hour

C, CompTIA Security+ IBC

non, Java or Java Script

Student Certifications Earned 2020-21

Arts, AV & Communications

Architecture & Construction

Manufacturing

Information Technology

Business, Marketing , and Finance

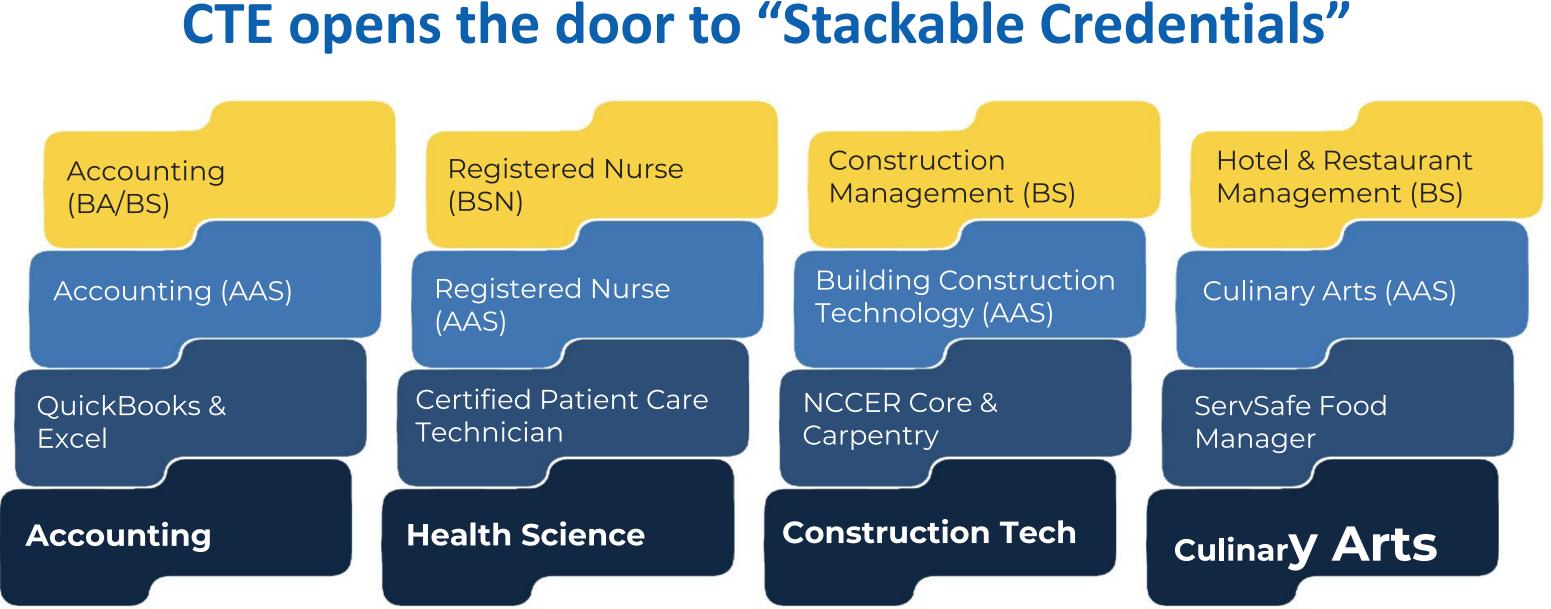
Health Science

Hospitality and Tourism Human Services Architecture and Construction

Adobe Certified Associate Adobe Certified Associate Adobe Certified Associate Adobe Premiere Pro Apple Final Cut Pro Autodesk Certified AutoC Autodesk Certified User F Autodesk Inventor Certifi NCCER Core OSHA 30 American Welding Societ American Welding Societ CompTIA A+ CompTIA A+ Networking Intuit QuickBooks Certifie MICROSOFT OFFICE WO MOS Excel Patient Care Technician Pharmacy Technician Phlebotomy Technician Serve Safe Manager **TDLR** Cosmetology Operation HCCS Electrical Helper Co

Summer 2021 Data Subr

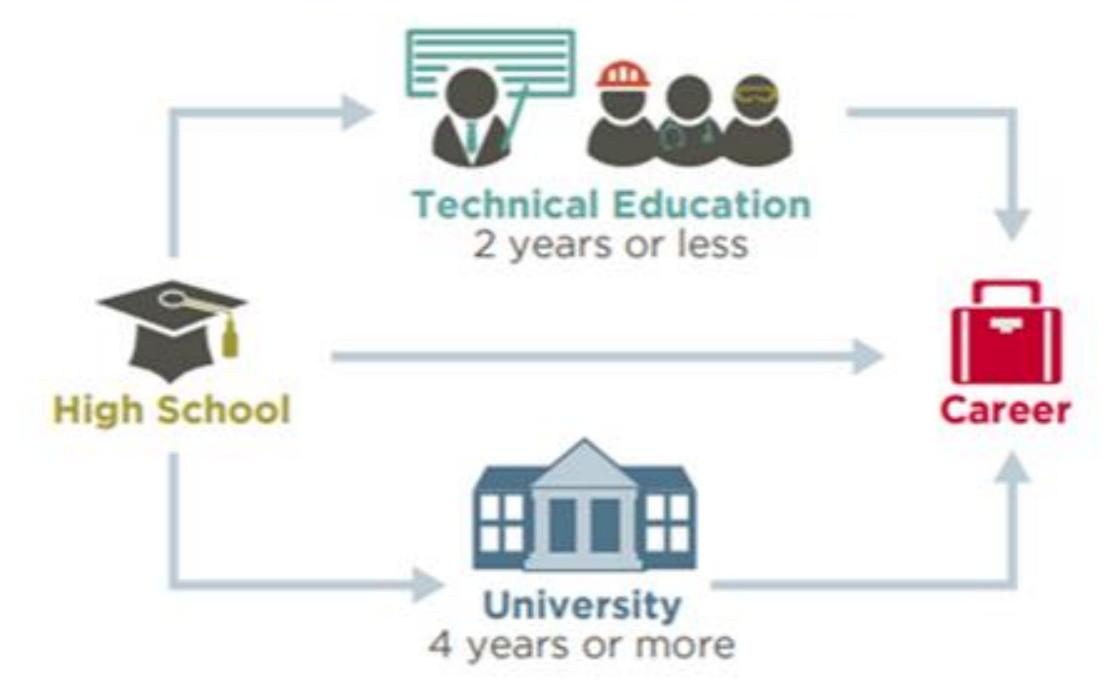
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e InDesign	1
e Photoshop	37
	10
CAD User Exam	11
Revit Exam	2
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Bachelor Degree (4 Year) Associate Degree (2 Year) **Direct to Workforce Program of Study**

• AAS – Associate in Applied Science BA – Bachelor of Arts BS – Bachelor of Science BSN – Bachelor of Science in Nursing

There are many paths to building a successful career.







Questions?

Item



BAC Committee Mtg #3: **Engagement Exercise**

Build Consensus for 2 Scenarios CTE BAC 20 Table + 5 Group





"Set-Up" for the BAC Table/Group Exercise



Set personal "preferences" aside: Think about the District as a whole (T-2-4)



Think about "student's" experience: CTE Program availability and impact











"Set-Up" for the BAC Table / Group Exercise







As a Group – Build Scenario 1 & 2 Apply **BAC Bucks** to match each budget limit



We are not trying to "reduce scope"... but if available funding does not cover the LRFP Recommendation; we want your input on funding allocation.

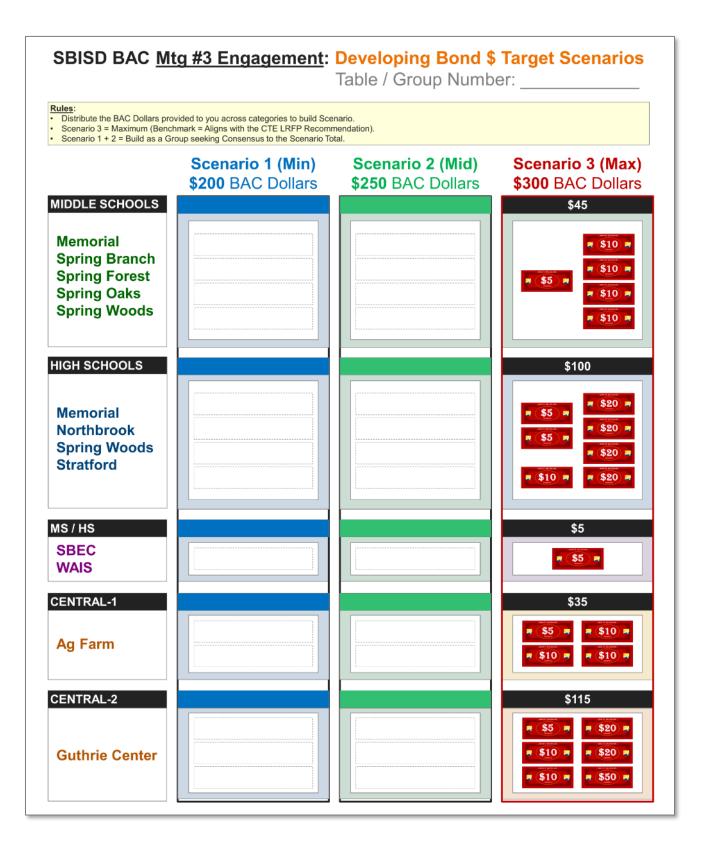












"<u>BAC Table / Group Exercise</u>"

25 min = BAC 20 Table Build Consensus (2 Scenarios)

05 min = Re-Organize into Small Groups

25 min = BAC <u>5 Group</u> Build Consensus (2 Scenarios)



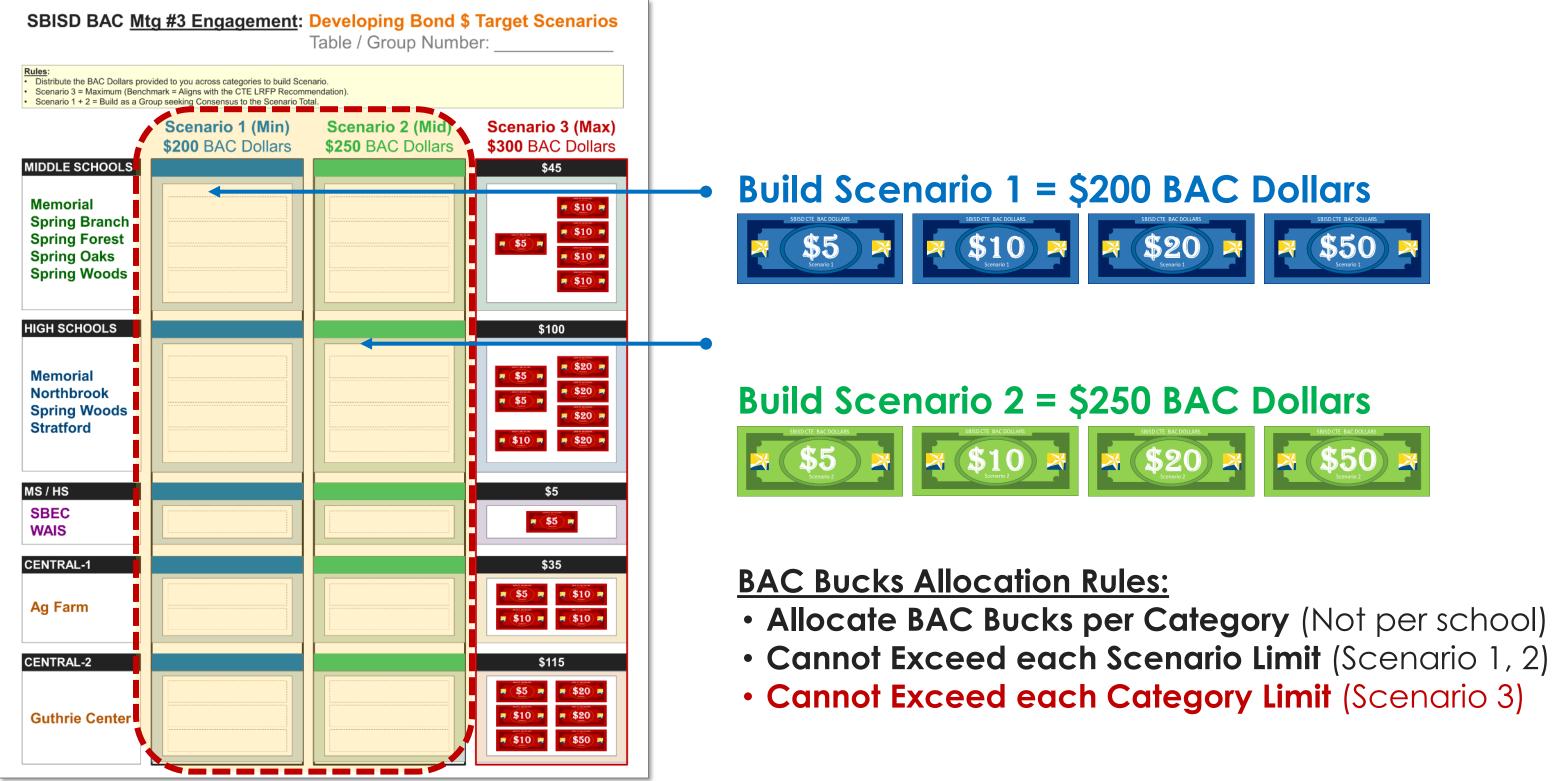






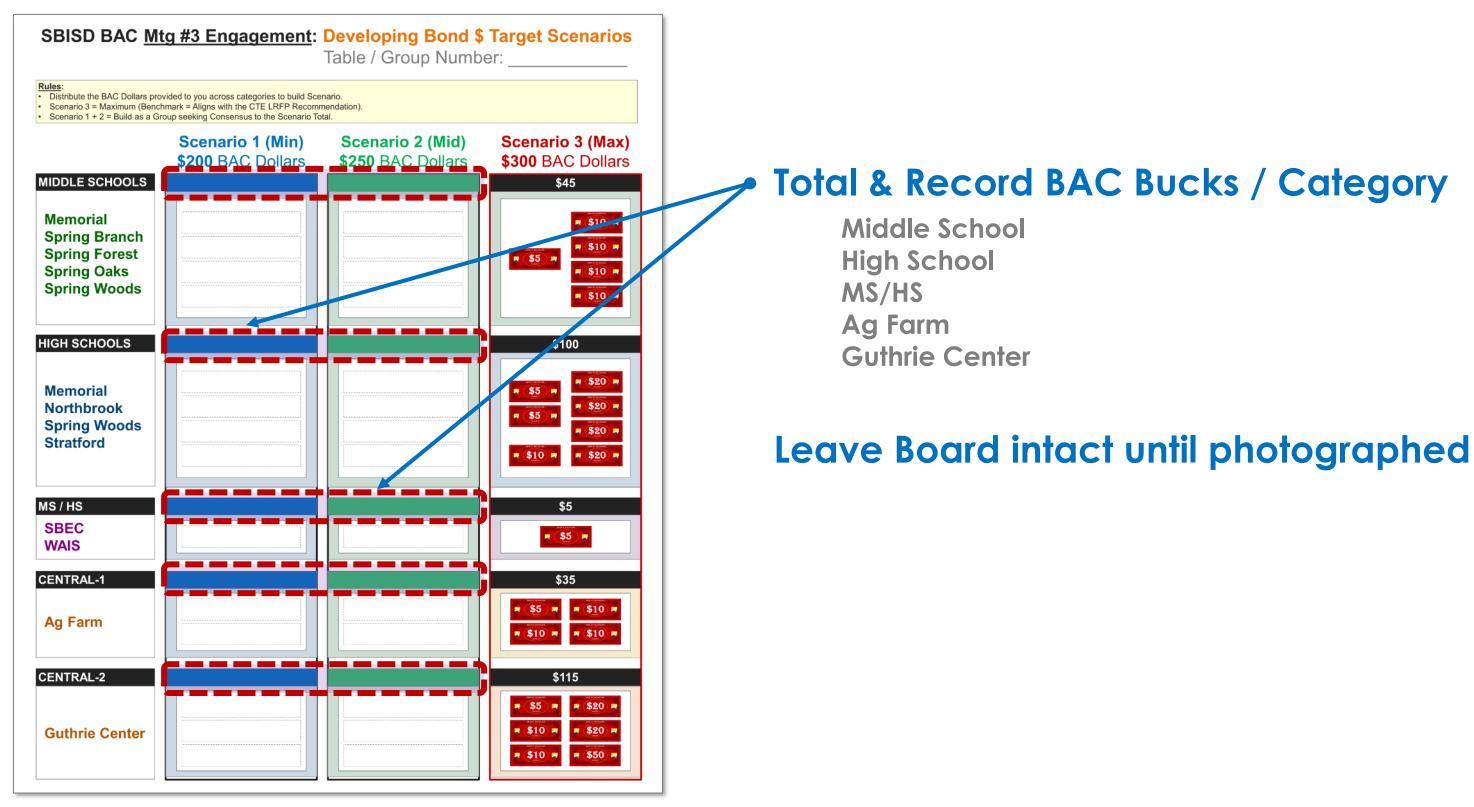






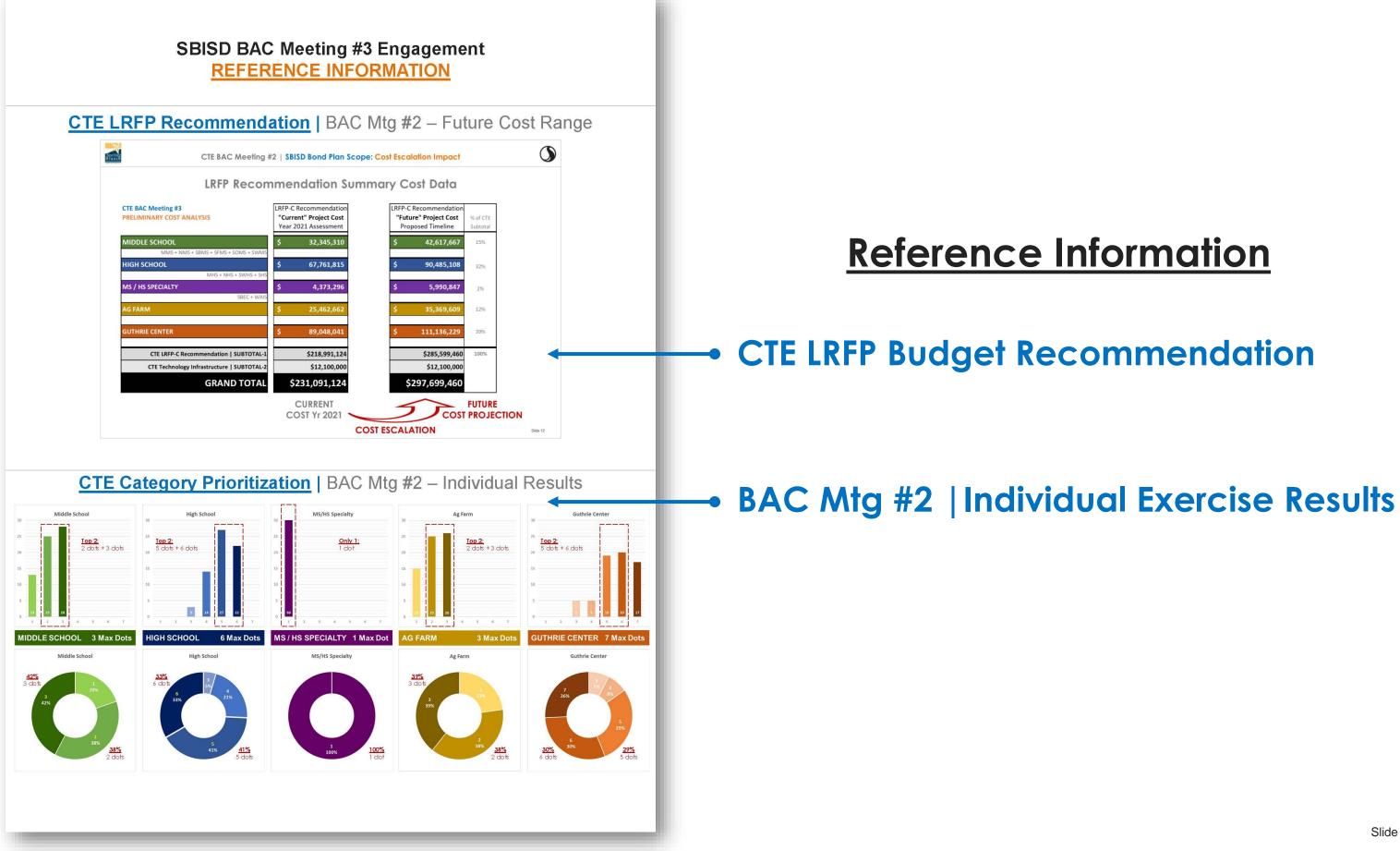




















Need to Phone a Friend ?????





Finance Curriculum Planning & Construction



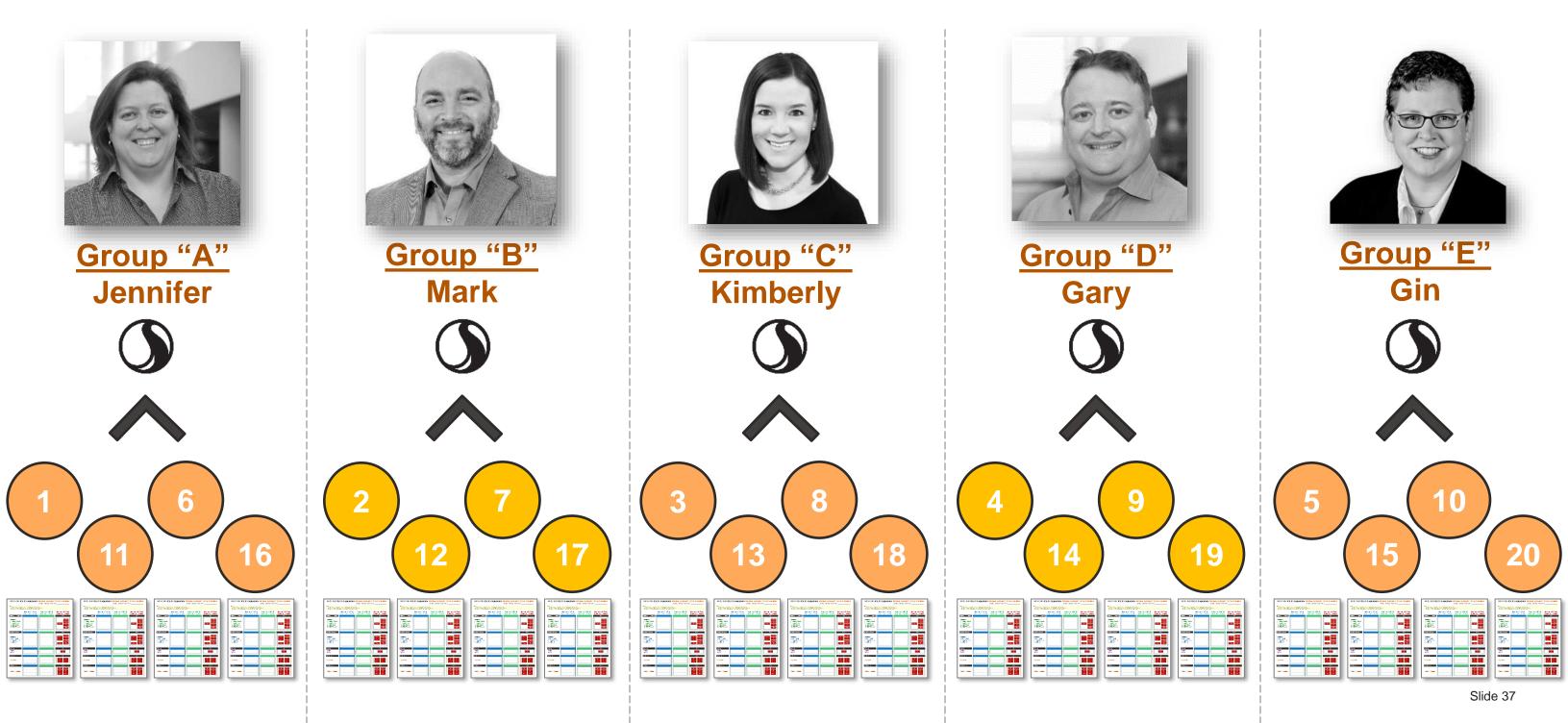
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CTE BAC Meeting #3 | CTE BAC Engagement Exercise: Group Consensus – 25 Mins

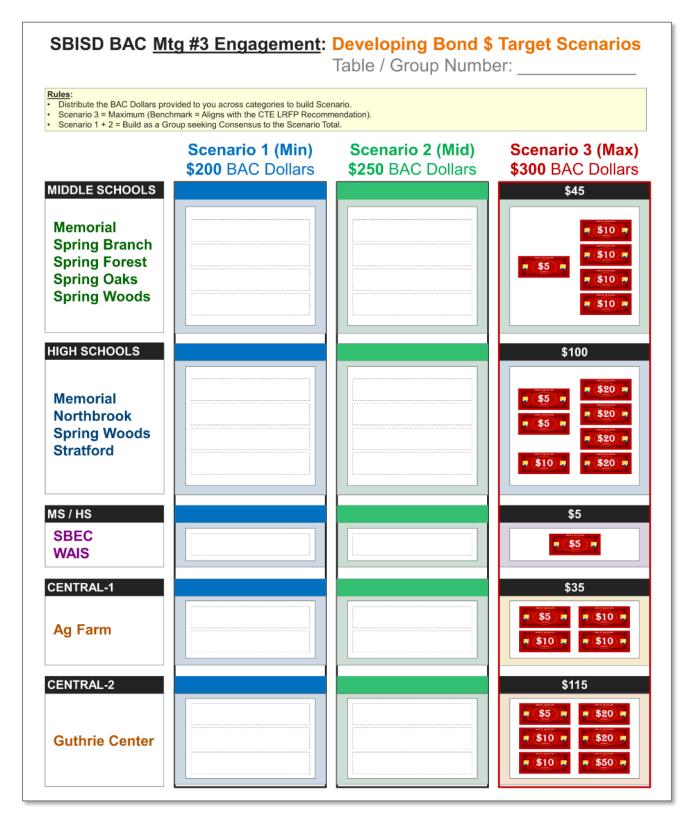
BAC Committee Engagement: Group Consensus

Merge 20 Tables into 5 Groups









"Review Results"



Stantec will utilize the "5 Group Results Boards" to draft a "Consensus Based Recommendation". The Final Recommendation to SBISD will demonstrate BAC Input on proposed allocations by category.



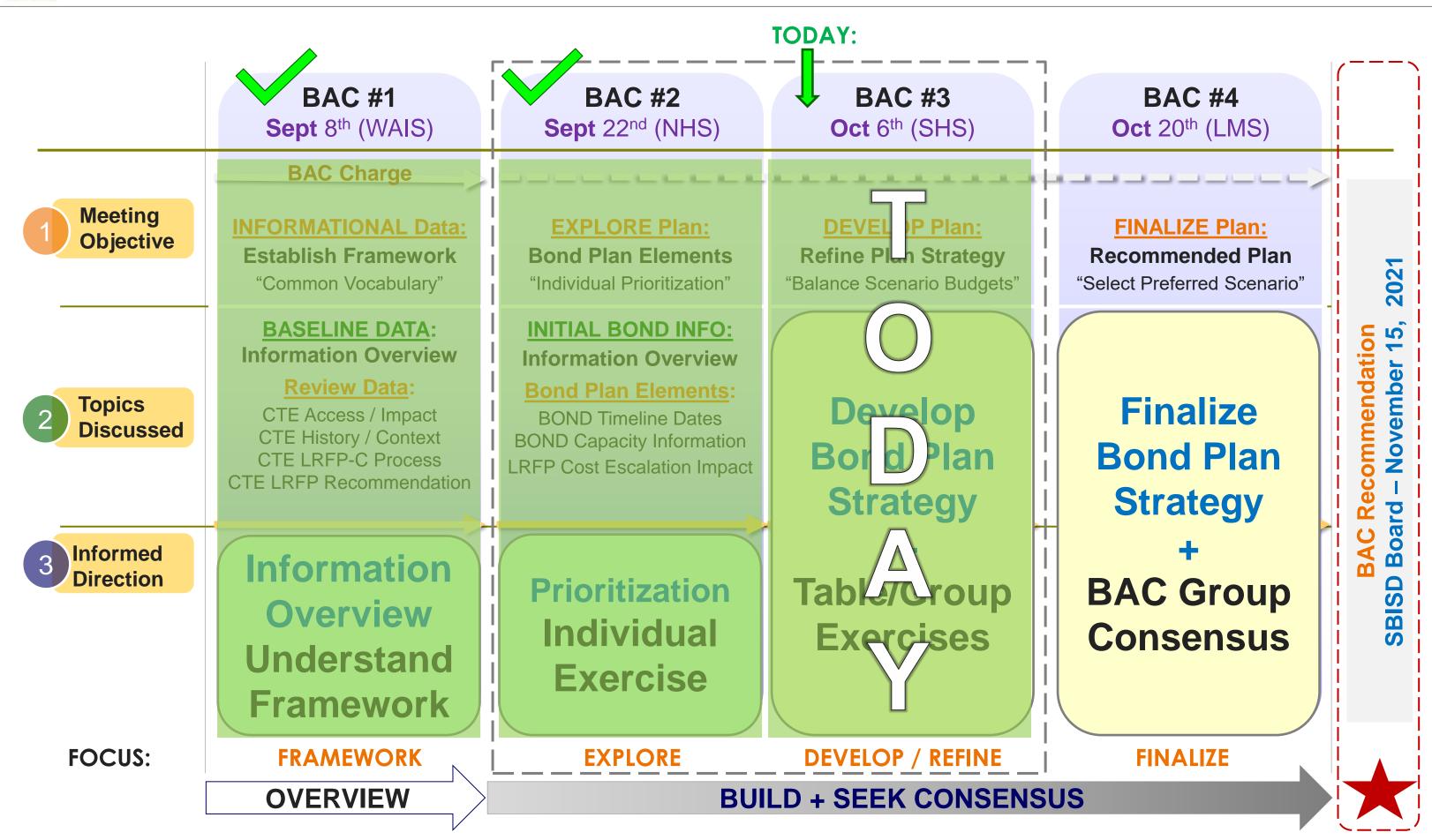
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NEXT MEETING: Oct. 20, 2021





CTE BAC Meeting #4 | Bond Advisory Committee: Engagement Process Schedule







CTE BAC Committee Mtg #4: What should I expect?



Bond Scenario Information:

BAC Mtg#3 Group Consensus Recap



Consensus Confirmation: Cast Individual Ballots

THANK YOU!



CTE Bond Planning

BAC Mtg #4 Oct. 20, 2021 Landrum MS