



Introduction to Educational Specifications: Elementary, Middle & High School

**SBISD Board of Trustees Presentation
11/03/25**





Agenda



- ❑ **Recap:** Introduction to Educational Specifications
- ❑ **Process Map:** Educational Specifications Update
- ❑ **Educational Specifications: Overview**
Document Content (Key Elements in Document)
Stakeholders (Participants + Interactive Meetings)
- ❑ **Educational Specifications: Summaries**
Elementary School + Middle School + High School
For SBISD Board Approval
- ❑ **Questions**



Definition: Educational Specifications

RECAP

The Texas Education Agency requires all school districts to create and review a written educational program that guides the design process of new proposed facilities or major renovations.

Educational specifications provide the link between learning and the design of educational facilities. They outline essential educational concepts and detailed facility needs, current and future educational delivery, and the impact of technology on learning.

Educational specifications should support the overall educational goals of the district, yet be nimble enough to allow for the effective and efficient design of school facilities.

The educational specifications provide specific facility needs to complement the district's educational delivery model. These will also provide consistency among similar project types from campus to campus.

This document is a living document, in need of periodic update on a 5-year basis.

Effective Date for New TEA Facility Standards: November 01, 2021
Educational Specifications must be adopted by the Board of Trustees



Instructional Support Buildings

Elementary, Middle, and High Schools

Instructional Spaces

General Education Room Benchmarks
Science Classroom/Lab Benchmarks
Auxiliary Instructional Spaces Benchmarks

SF defined by SF/Student

Common Spaces

Library / Media Center
Benchmarks

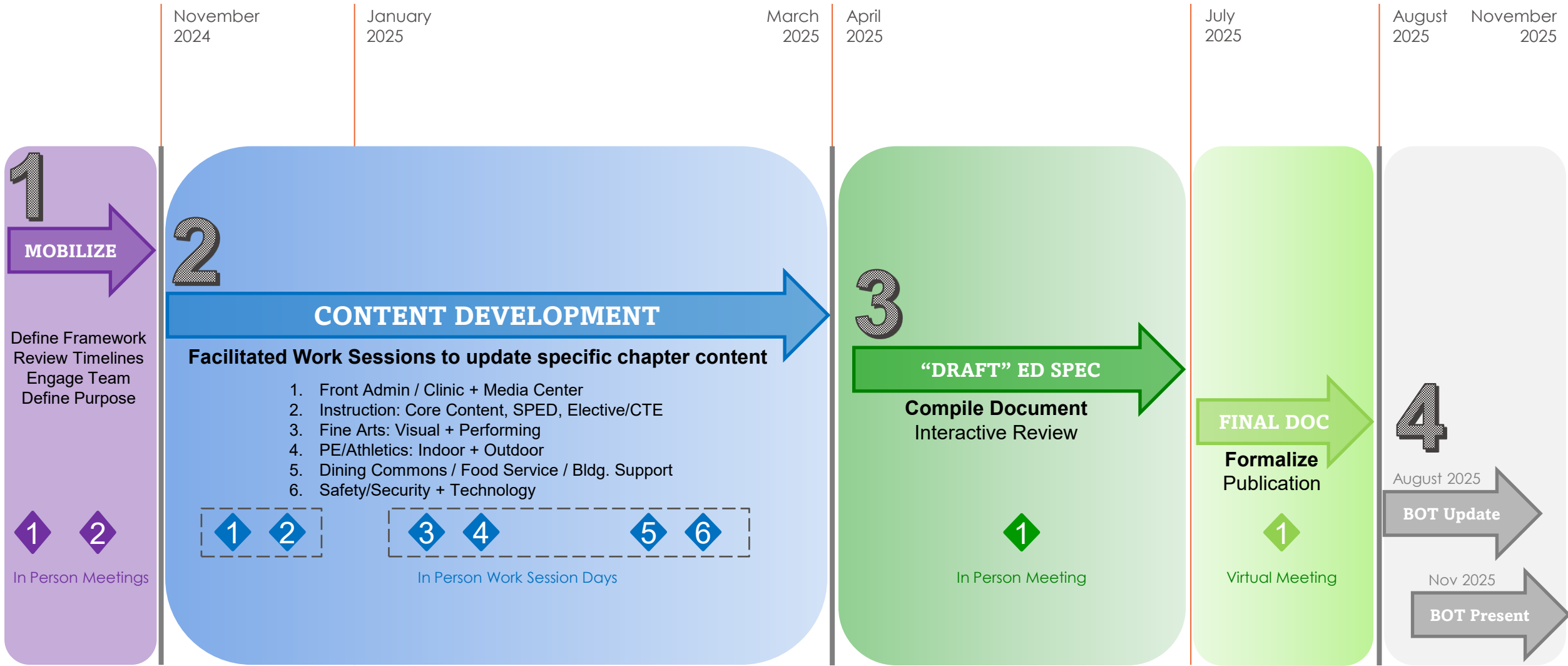
SF based off Student Population

School Safety

Communications Infrastructure
Access Controls for Exterior Doors
Exterior Door Numbering
Visitor Management at Entry
Security Cameras



Process Map: Educational Specifications Update





Educational Specifications: Document Content

Key Elements in Document

Program Elements

- List of Space Types
(Admin, Media Center, Instruction, SPED, CTE, Arts, Athletics)
- Quantity of Spaces by Space Type
- Area for each Space

Relationship Diagrams

- Critical Adjacencies within Space Type Category
- Critical Adjacencies with other Space Type Categories

Room Data Sheets

- Design Considerations
(Layout, Finishes, Transparency)
- Furniture, Fixtures & Equipment
(Casework, Shelving | Plumbing | Furniture, Technology)





SBISD Stakeholders: Voices at the Table

SBISD Participants:

Travis Stanford	Associate Superintendent, Operations
Karen Heeth	Associate Superintendent, Admin + Talent
Dr. Annie Wolf	Associate Superintendent, Academics
Christina Masick	Associate Superintendent, Technology
Linda Shepard	Executive Director of Curriculum & Instruction
Dr. Lance Stallworth	Executive Director Student Services
Paige Hershey	Executive Director of Athletics
Geoff Bay	Director Planning and Construction
Christina Rice	Director of CTE
Melissa Ramirez	Director of Human Resources
Dr. Rhoda Goldberg	Secondary Science Coordinator
Larry Baimbridge	Chief of Police

Stantec Consulting Team:

Jennifer Henrikson	Principal
Meredith Watassek	Senior Associate
Mark Jackson	Principal
Gary Dunn	Senior Project Manager



SBISD Stakeholders: Interactive Meetings

Key Input + Objectives/Outcome

- **Review existing 2019 Educational Specifications:**
Confirmed student ratios and capacities
- **Applied new TEA Standards where applicable:**
Instructional Spaces and Common Spaces
- **Updated documents based on lessons learned:**
Applied information based on recent 2017 Bond projects (ES, MS, HS)
including technology and safety & security criteria
- **Aligned with SBISD 2022 and 2025 Bond Programs:**
Career & Technical Education (2022) + Art/Athletics (2025)



Educational Specifications: Elementary School Summary

Elementary School Program: [Baseline](#) PK/K – 5th Grade (800 Student)

ADMINISTRATION	TEA Std
Main Administration	N/A
Faculty Support Area	N/A
Clinic	N/A
Building Support Areas	N/A

MEDIA CENTER	TEA Std
Media Center - Main Area	YES
Media Center Support Areas	N/A

MS GENERAL INSTRUCTION	TEA Std
ES Instruction - PK / Kindergarten	YES
ES Instruction - 1st Grade	YES
ES Instruction - 2nd Grade	YES
ES Instruction - 3rd Grade	YES
ES Instruction - 4th Grade	YES
ES Instruction - 5th Grade	YES
MS Instruction - Support Areas	N/A
MS Instruction - Bldg Support	N/A

SPECIAL EDUCATION	TEA Std
S.Education - Instructional Space	YES
S.Education - Support Space	N/A

SPECIAL PROGRAMS	TEA Std
Art	N/A
Music	N/A
Science	N/A
Multi-Purpose Rm	N/A
Special Programs - Building Support Areas	N/A

PHYSICAL EDUCATION	TEA Std
Activity Gym	YES
Activity Gym - Support Spaces	N/A

STUDENT ACTIVITY / COMMONS	TEA Std
Cafetorium / Dining Commons	N/A
Kitchen - Storage/Prep/Serving	N/A
Food Svc - Support Spaces	N/A

BUILDING SUPPORT SPACES	TEA Std
General Building Support Spaces	N/A



Educational Specifications: Middle School Summary

Middle School Program: [Baseline](#) 6th – 8th Grade (1,200 Student)

ADMINISTRATION	TEA Std
Main Administration	N/A
Faculty Support Area	N/A
Guidance/Counseling Suite	N/A
Clinic	N/A
Building Support Areas	N/A

MEDIA CENTER	TEA Std
Media Center - Main Area	YES
Media Center Support Areas	N/A

MS GENERAL INSTRUCTION	TEA Std
MS Instruction - 6th Grade	YES
MS Instruction - 7th Grade	YES
MS Instruction - 8th Grade	YES
MS Instruction - Support Areas	N/A
MS Collaboration/Flex Space	N/A
MS Instruction - Bldg Support	N/A

MS SCIENCE INSTRUCTION	TEA Std
Science - Class/Lab	YES
Science - Prep/Storage	YES
Science - Bldg Support	N/A

SPECIAL EDUCATION	TEA Std
S.Education - Instructional Space	YES
S.Education - Support Space	N/A

APPLIED ARTS / CTE	TEA Std
CTE Labs	YES
CTE Classrooms	YES

FINE ARTS (Visual & Performing)	TEA Std
Art	N/A
Band	N/A
Orchestra	N/A
Choir	N/A
Drama	N/A
Fine Arts - Building Support Areas	N/A

MS AUDITORIUM	TEA Std
MS Auditorium	N/A

PHYSICAL EDUCATION / ATHLETICS	TEA Std
Concessions, Nurse/Triage, Gen Storage	N/A
Gymnasium 1 + Storage	YES
Gymnasium 2 + Storage	YES
Gym Bldg Support	N/A
Girl's PE / Athletics	N/A
Boy's PE / Athletics	N/A
Phys Ed/Athletics - Support Spaces	N/A

STUDENT ACTIVITY / COMMONS	TEA Std
Dining Seating / Commons	N/A
Kitchen - Storage/Prep/Serving	N/A
Food Svc - Support Spaces	N/A

BUILDING SUPPORT SPACES	TEA Std
General Building Support Spaces	N/A



Educational Specifications: High School Summary

High School Program: Baseline 9th – 12th Grade (2,500 Student)

ADMINISTRATION		TEA Std
Main Administration		N/A
Faculty Support Area		N/A
Guidance/Counseling Suite		N/A
Clinic		N/A
Building Support Areas		N/A

MEDIA CENTER		TEA Std
Media Center - Main Area		YES
Media Center Support Areas		N/A

HS GENERAL INSTRUCTION		TEA Std
English/Reading - Instruction		YES
F.Language + ESL/Flex - Instruction		YES
Speech/Debate - Instruction		YES
English Dept - Bldg Support		N/A
Social Studies - Instruction		YES
Social Studies Dept - Bldg Support		N/A
Math - Instruction		YES
Math Dept - Bldg Support		N/A
Broadcast Studio - Elective		YES
Journalism - Elective		YES
Photography - Elective		YES
HS Instruction - Support Areas		N/A
HS Collaboration/Flex Space		N/A

HS SCIENCE INSTRUCTION		TEA Std
Science - Class/Lab		YES
Science - Prep/Storage		YES
Science - Bldg Support		N/A

SPECIAL EDUCATION		TEA Std
S.Education - Instructional Space		YES
S.Education - Support Space		N/A

CAREER & TECHNICAL EDUCATION		TEA Std
Arts, A/V Technology & Communications		YES
Business, Marketing & Finance		YES
Education & Training		YES
Health Science		YES
Architecture & Construction		YES
Manufacturing		YES
Science, Technology, Engineering & Math		YES
Hospitality & Tourism		YES
CTE - Support Space		N/A

FINE ARTS (Visual & Performing)		TEA Std
Art		N/A
Band		N/A
Orchestra		N/A
Choir		N/A
Dance, Drill Team		N/A
Drama		N/A
Fine Arts - Building Support Areas		N/A

HS AUDITORIUM		TEA Std
HS Auditorium		N/A

PHYSICAL EDUCATION / ATHLETICS		TEA Std
Concessions, Nurse/Triage, Gen Storage		N/A
Gymnasium 1 + Storage		YES
Gymnasium 2 + Storage		YES
Gymnasium 3 + Storage		YES
Girl's PE / Athletics		N/A
Boy's PE / Athletics		N/A
Phys Ed/Athletics - Support Spaces		N/A

ATHLETIC SPORTS		TEA Std
Girl's Athletic Sports		N/A
Boy's Athletic Sports		N/A
HS Football		N/A
HS Tennis Field House		N/A

STUDENT ACTIVITY / COMMONS		TEA Std
Dining Seating / Commons		N/A
Kitchen - Storage/Prep/Serving		N/A
Food Svc - Support Spaces		N/A

BUILDING SUPPORT SPACES		TEA Std
General Building Support Spaces		N/A



Educational Specifications: For Approval

Elements Requiring Approval

TEA Standards:

- | | |
|-----------------------------------|---------------------------------------|
| • Instructional Facilities | (Grades Served, Anticipated Capacity) |
| • Quantitative Calculation Method | (Minimum Criteria) |
| • Flexibility Level L1/L2 | (Minimum Criteria) |

Grade Levels | Anticipated Capacity

SBISD Educational Specifications:

- | | | | |
|---------------------|---|--|-----------------|
| • Elementary School | (PK/K – 5 th Grade | | 800 Students) |
| • Middle School | (6 th – 8 th Grade | | 1,200 Students) |
| • High School | (9 th – 12 th Grade | | 2,500 Students) |



Questions



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Document Content + Stakeholders Input
- ❑ **Educational Specifications: Summaries**
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