



#### **PROCESS**

Infrastructure

Equipment

SOA Integrated Technology





MEETINGS WITH
TECHNOLOGY LEADERSHIP
AND DEPARTMENT HEADS



COORDINATION WITH THE DESIGN TEAM



CONSTANT CONTACT WITH VENDORS AND MANUFACTURERS



EXISTING HIGH SCHOOL MOCK-UP



PRELIMINARY QUOTES AND PROJECT BUDGET

#### CLASSROOM TECHNOLOGY

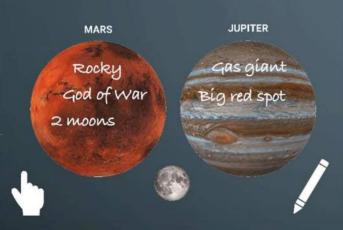
- SMART MX286-V2
- 4K Ultra HD LED 50,000 Hours
- 20 Points of Touch
- Energy Star Certified
- Ceiling Speakers











- Multiple students can write, move, gesture and erase all at once
- Device agnostic screen sharing (4)
- Students can contribute their ideas from their devices
- Reverse casting
- Access to Smart content

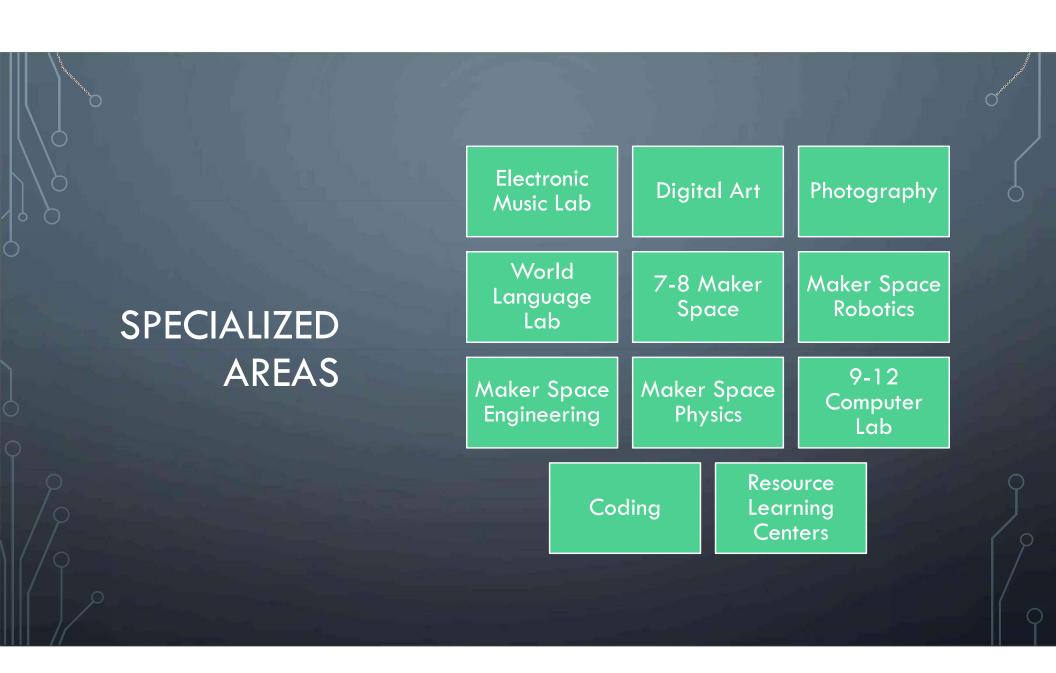






#### CLASSROOM TECHNOLOGY

- Teacher Laptops (not project funded)
- Docking station at teacher desk
- Data patch cord, HDMI and USB cables connecting dock to wall outlets
- Podium
- Flexible Learning Environment
- Communication VolP and Intercom
- Conference Rooms + Teacher Planning (GX)





#### **ELECTRONIC MUSIC LAB**

- 21.5" iMacs
- 49-Key Midi Keyboards Akai Prof MPK249
- University and Professional Level Production
- Major upgrade to current levels of work
- Creation of Level 2 and 3 Courses in the Future











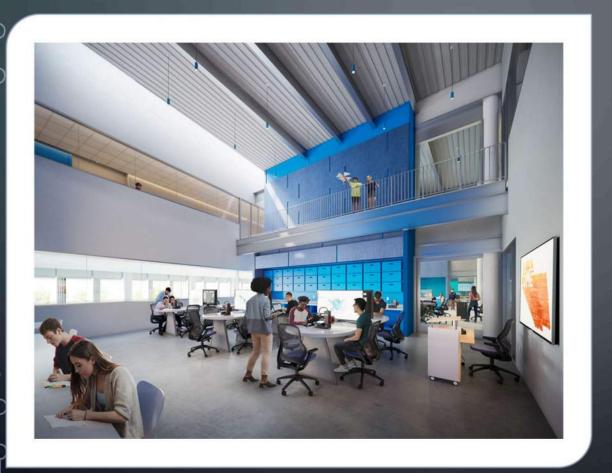
- Dell Workstations (AIO) for Teacher/Students
- Robust Workstation and 24" Displays for Graphics, 3D Modeling





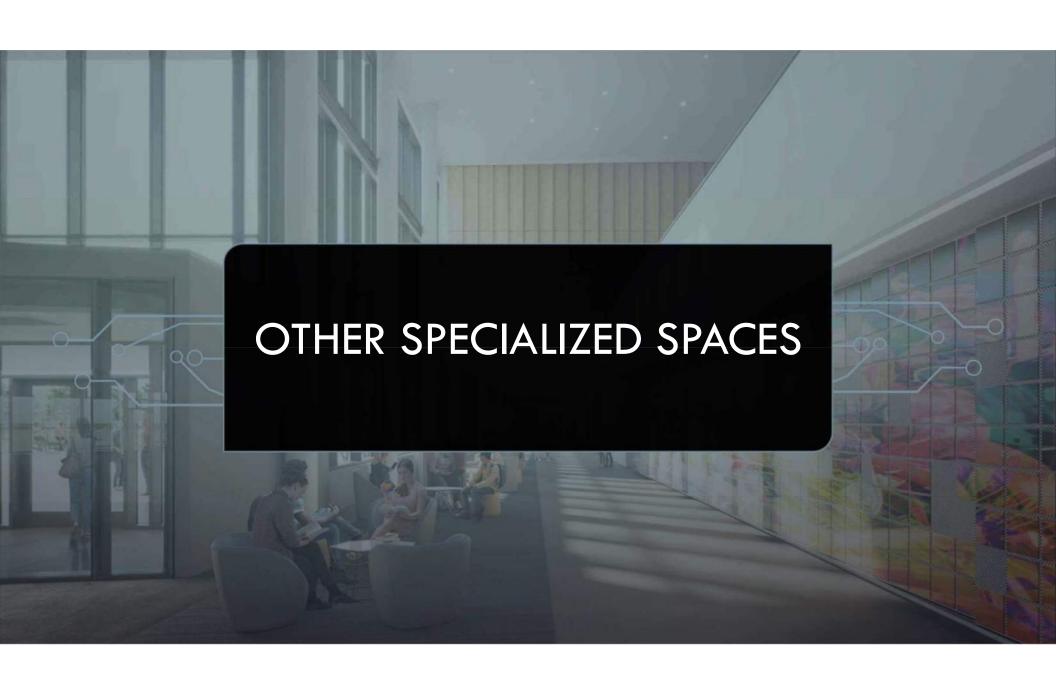
#### MAKER SPACE - ROBOTICS

• Will also use the Workstations in Engineering due their robust design capabilities



### MAKER SPACE - PHYSICS

- Student Chromebooks
- Docking Stations with Larger High-Res Displays for Collaboration
- Shared Project Space for Physics and Other Groups







#### WORLD LANGUAGE LAB

- iMacs for Students
- Software-Based (DiLL)
- Intuitive, Connection Based Approach
- Paired and Group Conversations
- Streamlined Communication









- Dell Laptops per Space for Students
- Individualized Workspaces





# THEATER AND PERFORMING ARTS

- Projectors for Music Spaces
- iPad Pro for AV/Lighting Controls
- 16" MacBook Pros for FPA Teachers
- iPads for Snack Bar and School Store

## ADMIN AND OTHER EQUIPMENT

- Standard MFF Workstation with Monitor(s) (AIO)
- Docking Station and Monitors for Guidance Offices
- Printers
- Point of Sale Equipment
- Digital Messaging Samsung/MagicInfo







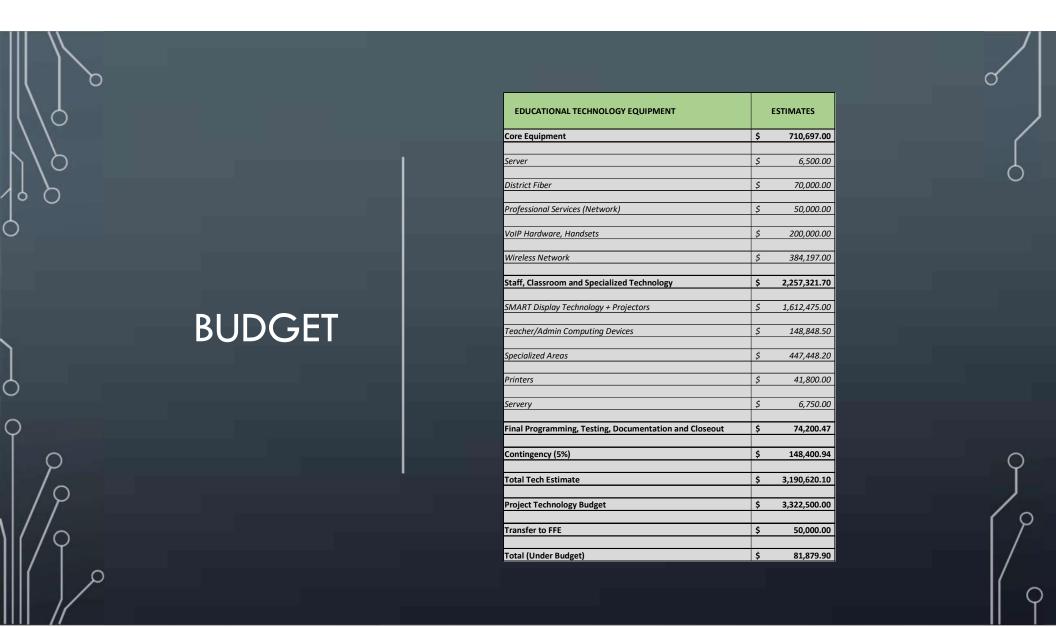
#### **CORE EQUIPMENT**

- VolP
  - Existing NEC 9300 VolP System (current) to be Relocated to New School
  - New Handsets for Classrooms and Admin (Existing where possible)
- Connectivity/Network Electronics
  - Designed to Support Instructional Needs
  - SOA Facility for IT and Building Systems
  - Integration, Flexibility and Capacity
  - Wireless WIFI 6

### DISTRICT CONNECTIVITY AND REDUNDANCY

- Coordinating with BMLD
- Temporary Connection from Town Library - BMLD
- Re-Route Existing Fiber to New MDF
- Cutover
- Create Redundant Loop, Connect to BMLD at Hittinger/Trowbridge – P2





#### PROCUREMENT METHOD

- State Contract (SC) Similar to FFE
- Two Primary Phases of Procurement



- Network, Wireless, VolP
  - Network Professional Services SC LCN
  - Wireless Professional Services SC LCN
  - AP Installation 2-3 SC Vendor Quotes (ALE Authorized)
  - VolP NEC via State Contract
- Classroom AV Technology
  - 2-3 State Contact Quotes (SMART Authorized)
- Computing Hardware
  - Direct SC Dell and Apple
  - Hardware Deployment and Installation Dell and Apple Authorized/Approved Vendor via SC
- Printers and Peripherals
  - Direct SC CDW
  - Deployment and Installation Dell/Apple SC Vendor



