



# MT. DIABLO

## UNIFIED SCHOOL DISTRICT

### **Facilities Update**

February 21, 2024 Board Meeting

*Adrian Vargas, Chief Business Officer*  
*Melanie Koslow, Director of Maintenance and Operations*  
*Robert Sidford, Director of Technology and Innovation*

# **Measure J Technology Infrastructure Projects**

**Proof of Concept Site** - Silverwood Elementary School

**Track 1 Sites** - Full Design

Modernization Sites: Rio Vista, Meadow Homes, Mt. Diablo Elementary

Central Sites: M&O Complex, Willow Creek Center, Dent

High Schools: CPHS, CHS, MDHS, NHS, YVHS, OHS

Middle Schools: Riverview

**Track 2 Sites** - Network Refresh

All Remaining Middle Schools and Elementary Schools

# Silverwood Elementary School Network Upgrade

## Network Backbone - **CDW & Anixter**

- Fiber Optic and Ethernet Cabling
- Secure MDF/IDF Cabinets and Modern, Reliable Networking
- Dedicated Electrical Circuits and Battery Backups
- Internal and External Wireless Access Points

## Telephones - **CDW**

- Voice over Internet Protocol (VoIP) Handsets
- VoIP Services still under development

## Notification System and Audio Visual - **CDW & EKC**

- Networked Clocks/Bells/Speakers with Visual Displays
- Modern Mass Communication and Emergency Notification System
- Modern Audio Visual System for Multipurpose Room

# **Meadow Homes, Mt. Diablo, & Rio Vista Elementary**

Furniture Replacement Program  
**Meteor Education**

21st Century Furniture for a 21st Century Environment

# CLASSROOM TYPICAL

## KINDER GRADE



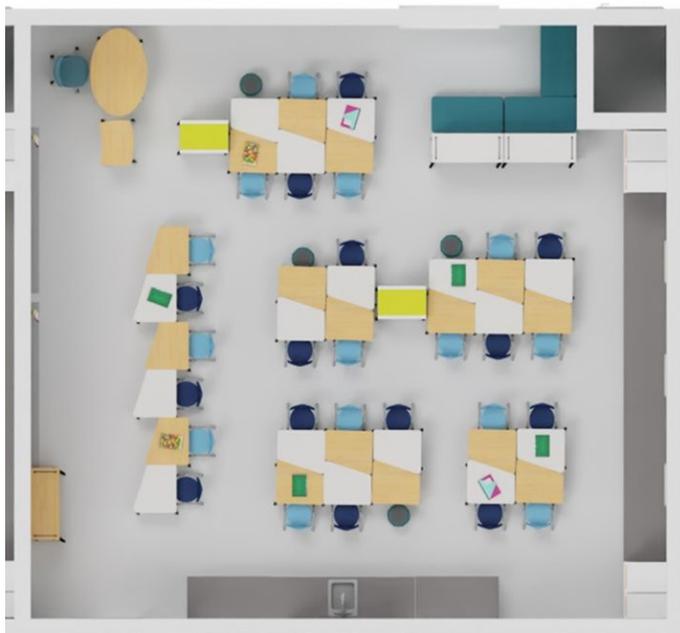
# CLASSROOM TYPICAL

## 1<sup>ST</sup> GRADE

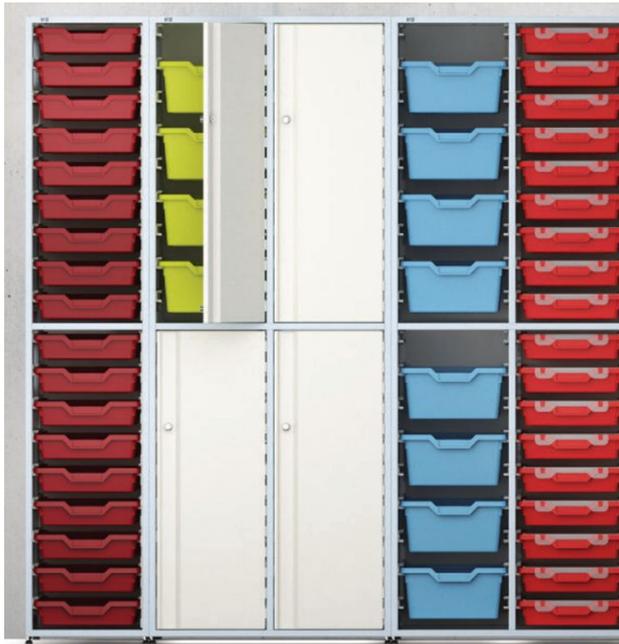


# CLASSROOM TYPICAL

## 3<sup>RD</sup> GRADE



# CLASSROOM TYPICAL STORAGE SOLUTION



FROM STORAGE TO MOBILE  
EASY TO QUICKLY CHANGE  
CURRICULM SEASON TO  
SEASON, WEEK TO WEEK.



# Student Seating

- Variety of seating all with movement allows students to fidget, brains become more engaged
- Ability to move in a learning environment results in increased blood flow, concentration and brain function
- Chairs become learning tools to teach students how to advocate for their needs by using proprioceptive cues to choose their best learning seat.



Dynamic seat encourages regular changes of sitting positions. Dynamic sitting had been shown to activate both mind and body and increase the attention of students



The wobble stool allows Students to safely move. The stool is engineered for stability

# Student Desks

With ultimate flexibility, classrooms can be quickly reconfigured to *enhance instructional intent and support collaborative activities*

Classroom procedures to reconfigure furniture give students the opportunity to move and practice communication skills.

Desks can be easily stacked and moved to create open floor plans.



## Optional Drawer

The **Tano** is optionally available with a removable plastic box.



## Putting Chairs on Tables

The **PantoSwing** can be fitted with an optional table-edge protector for piggyback chair mounting.

## Multiple Configurations

Traditional school furnishings quickly reach their limits when it concerns differentiation. Shift+ is free from such limitations and opens endless possibilities.



## Project Timeline Recap

- Technology Infrastructure Program
  - Silverwood Network Construction (Spring/Summer 2024)
- Elementary Modernization
  - Phase I Project Advertisement & Bid (Spring 2024)
  - Construction Phase I (Summer 2024)
  - Phase II Project Advertisement & Bid (Fall/Winter 2024)
  - Construction Phase I (Spring-Summer 2025)
- Middle School Kitchen/MU Modernization
  - Valley View Middle - Project Completion (February 2024)
  - El Dorado Middle - Anticipated Construction (Fall/Winter 2024)

# Thank You



**MT. DIABLO**  
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