

Monarch PK-8 School

Design Advisory Team

Meeting #1



Meeting Agenda

- 1. Agenda / Attendance Sheet – 2 minutes**
- 2. Public Comments – 5 minutes**
- 3. Introductions - 10 minutes**
- 4. DAT Guidelines / Meeting Norms – 5 minutes**
- 5. District Sustainability Goals – 5 minutes**
- 6. Project Overview – Scope / Budget– 25 minutes**
 - 1. VFA Overview**
 - 2. Budget Overview**
- 7. Project Schedule**

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RTA's Educational Experience



Colorado based Architectural firm established in 1975

Expertise in Multiple Markets

Multi-Skilled

Site Selection • Master Planning • Programming • Educational Specifications • Architectural Design • Interior Design • Furniture Design and Selection • Facility Management Planning • Project Management • Bond Election Assistance • Construction Administration

Sustainable Design

• 6 LEED® APs on Staff

Educational Facilities Specialists

• Early Childhood Education through High School

Educational Projects to Date

- 50 percent of our annual work is educational
- 14 Educational Master Plans
- 60+ Additions/Alterations to K–12 Schools
- 10 New Elementary/K–8 Schools
- 4 New Preschools
- 3 New High Schools
- Over \$450,000,000 of educational projects completed in the last 10 years



Recognition

- Local, Regional, and National Awards — 25
- Our Greatest Reward: Repeat Clients — Over 90%

Meeting Norms

- Attendance is expected at all scheduled meetings.
- The meetings will start and end on time with duration of **1 ½ hours** (typical).
- Group members should be on time and expect to remain for the entire meeting.
- The purpose of each meeting will be defined; members are requested to come prepared to discuss the topic.
- The students' interests come first.
- Committee members will operate and work towards consensus on all issues. All agree to support the solutions and decisions of the group.
- Committee members are requested to focus on solutions that address the needs of Monarch K8 as a whole.
- Discussion, evaluation, and decisions will be research and data based guided by BVSD's mission statement.
- Minutes of each meeting will be distributed by email within one week of meeting date.
- All members are to speak up in an open forum- all points of view will be heard and valued.
- All participants will be treated with mutual respect.
- Members of the committees will operate on a first name basis.
- Snacks and refreshments will be served at all meetings to give "energy boost."

BVSD Sustainability Goals – greenBVSD

[bvsvd.org/departments/operational-services/sustainability](https://www.bvsvd.org/departments/operational-services/sustainability)



Schools

Careers

Parents



Menu

Home

About BVSD



Board of Education



Departments



Assessment & Program Evaluation



Athletics and Activities



Business Services



Communications



Community Schools

Early Childhood Education

Enrollment

Food Services

Family Partnerships



Human Resources



Health Services



Information Technology



Operational Services



Critical Needs



Environmental Services



greenBVSD

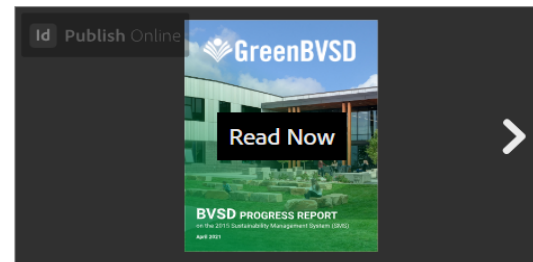


greenBVSD

BVSD is celebrating more than a decade of focused work on sustainability!

In 2021, we **released a report highlighting** some of these accomplishments.

READ THE REPORT



Vision

All together, for all students and the planet.

Mission

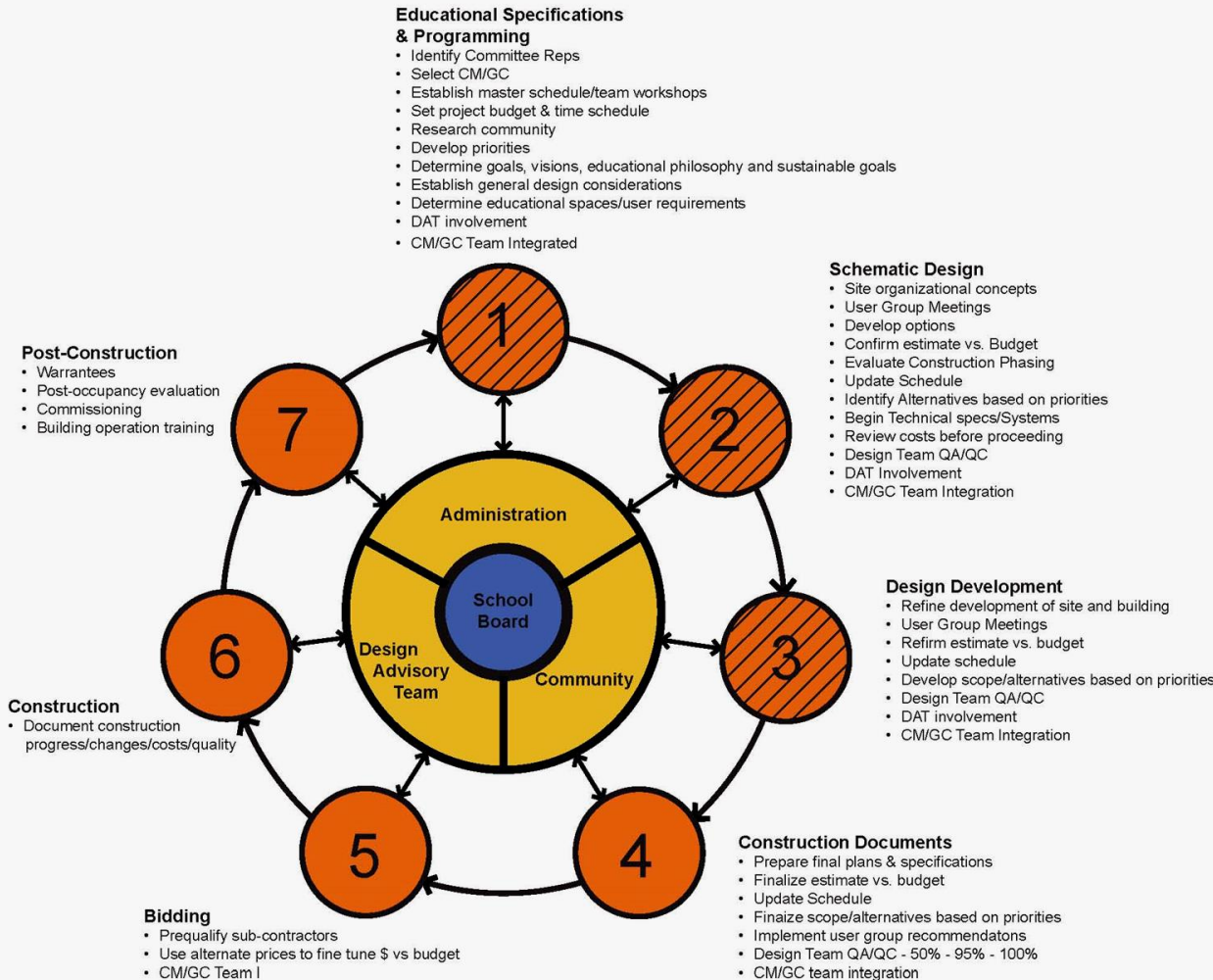
As a leader in whole district sustainability, BVSD creates healthy learning environments and experiences that equip all students and staff with the knowledge and skills to create more equitable and sustainable communities.

New Sustainability

Advisory Committee

<https://www.bvsvd.org/departments/operational-services/sustainability>

DAT Guidelines



Design Advisory Team Roles and Responsibilities

- *The DAT's role is advisory in nature. The DAT is not the client or the owner's representative. As the primary users of the building, the DAT members have the most knowledgeable perspective on how the building needs to function. The DAT helps the project architect understand the users' needs to enable the architect to design a building to support those needs.*
- Represent the school community.
- Provide critical input and assist in the development of the project through schematic design and design development.
- Communicate process to students, staff, parents, and community
- Seek feedback and communicate to back to DAT.

Project Overview: Scope/Budget

Building Envelope

- Repair/replace roof components
- Repair stucco
- Apply water repellent sealant to exterior masonry

Building Systems

- Repair/replace electrical systems components to avoid potential system failure
- Replace select fluorescent lighting with LED
- Update obsolete HVAC controls

Infrastructure/Site

- Repair/replace grass turf and irrigation system components
- Repair/replace concrete and paving
- Replace playground equipment as needed
- Replace playground surface material

Project Overview: scope/budget

Safety/Code

- Update fire protection systems

Interior Space Improvement

- Replace dust collection system
- Improvements to interior finishes such as carpeting and paint
- Replace stage curtains

Career & Technical Education Improvements

- Monarch PK-8 is eligible to receive up to \$455,000 in additional funds to invest in renovations to create learning environments to support career & technical education.

Project Overview: scope/budget

Critical Needs Budget	\$ 1,982,840
CTE Budget	\$ 350,000
Total	\$ 2,332,840

Existing Site Plan



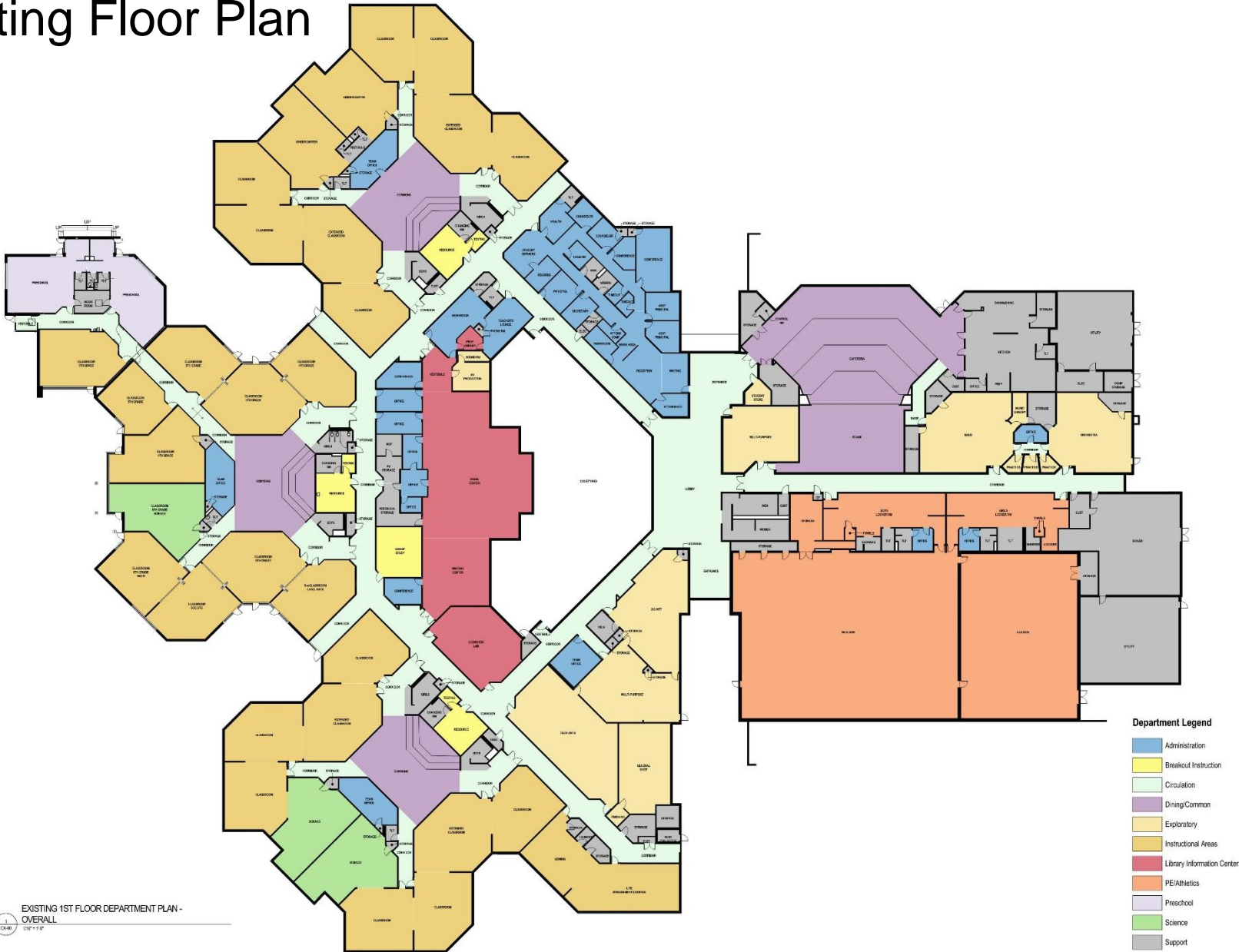
Existing Site



Existing Site

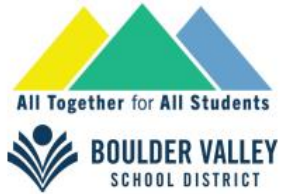


Existing Floor Plan



01/28/24
Boulder Valley School District
Boulder, Colorado 80501
800.368.7800
www.bvsd.net

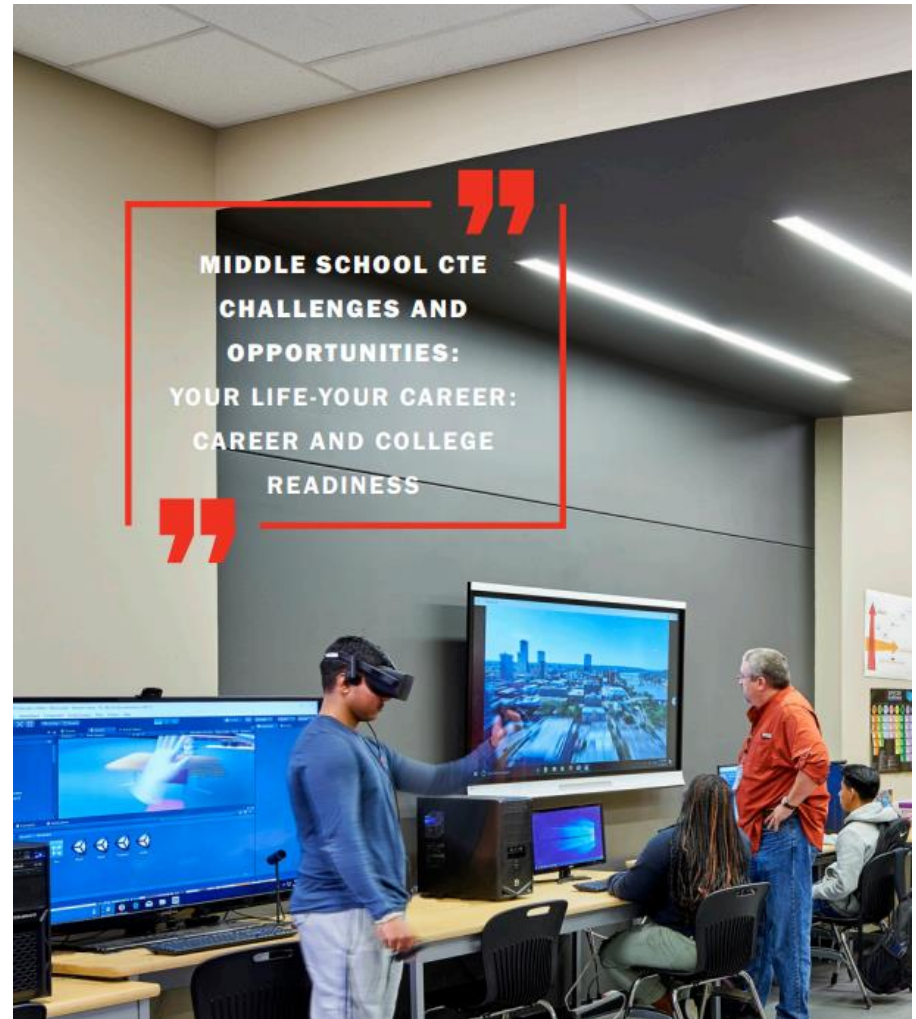
CTE Pathway



CAREER TECHNICAL EDUCATION MASTER PLAN



RE-ENVISIONING
**CAREER
TECHNICAL
EDUCATION**



**MIDDLE SCHOOL CTE
CHALLENGES AND
OPPORTUNITIES:
YOUR LIFE-YOUR CAREER:
CAREER AND COLLEGE
READINESS**

CTE Pathway

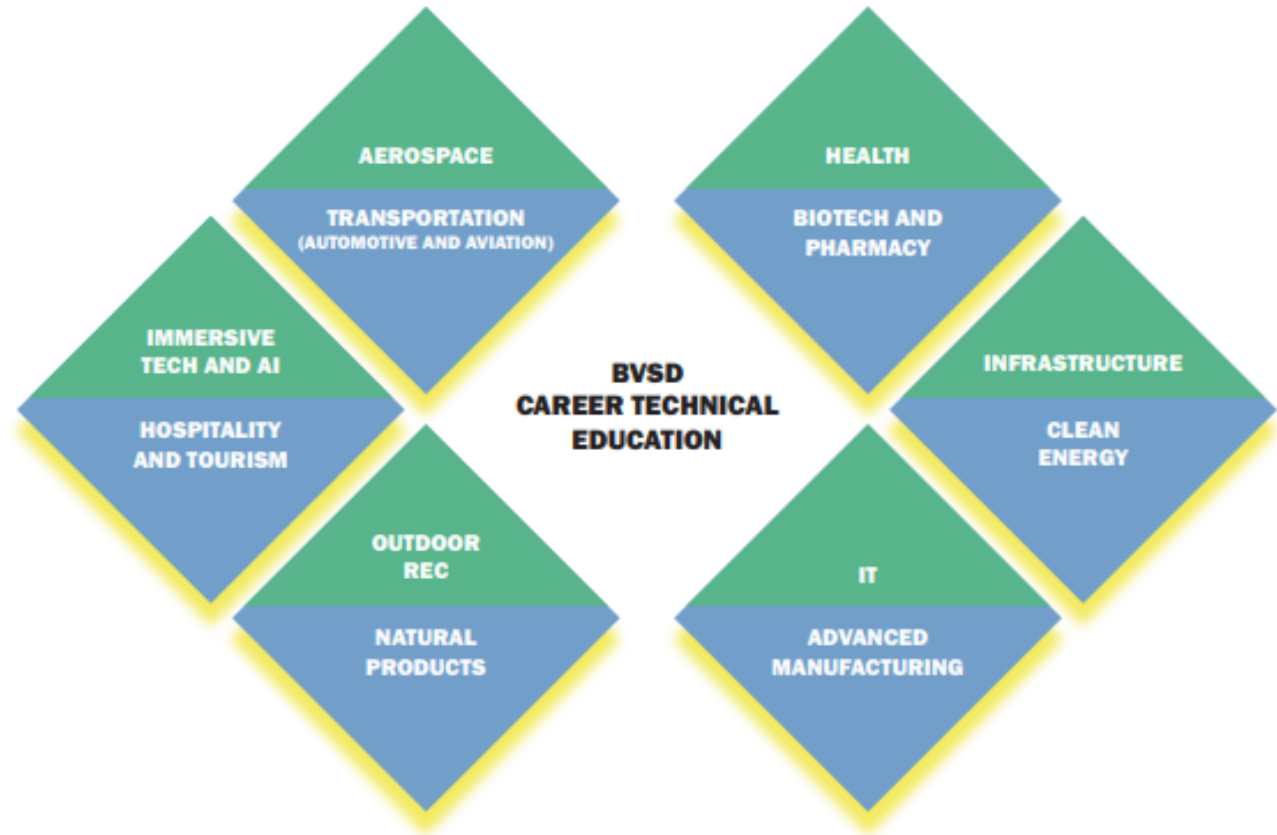
Recommended Middle School Programming: Over the course of their middle school tenure, 6th, 7th, and 8th grade students will participate in CTE programming that rotates six career clusters/twelve industries through all six semesters of middle school. With attention to their high school transition, students' final 8th grade semester will end with a capstone program where each student identifies their favorite industry and why. This approach will establish initial musings around an entrepreneurial mindset and CONNECT BVSD students to higher ed, Boulder industry, and the greater Boulder community by introducing them to the CTE/career pathways available to them in high school and at Boulder TEC (Technical Education Center).

CTE Pathway

BVSD CTE PATHWAYS



The career clusters have been developed strategically to pair impactful programs for synergy across pathways. Students should be empowered to explore various avenues of coursework to best align their interests and goals.



CTE Pathway

	FAIRVIEW HIGH SCHOOL	MONARCH HIGH SCHOOL	NEDERLAND MIDDLE SENIOR HIGH SCHOOL	BOULDER TEC
AEROSPACE				✓
TRANSPORTATION (AUTOMOTIVE AND AVIATION)				✓
HEALTH		✓		✓
BIOTECH AND PHARMACY		✓		✓
IMMERSIVE TECH AND AI	✓	✓	✓	✓
HOSPITALITY AND TOURISM			✓	✓
INFRASTRUCTURE				
CLEAN ENERGY				
IT	✓		✓	✓
ADVANCED MANUFACTURING			✓	✓
OUTDOOR REC		✓	✓	
NATURAL PRODUCTS			✓	



MIDDLE SCHOOL DESIGN COMPONENTS

A DESIGN COMPONENTS APPROACH TO TRANSFORMATIONS AT THE MIDDLE SCHOOLS

After thoughtful synthesis and study of both existing and proposed CTE programming at the middle school level, the master plan proposes the following design components to strengthen and enhance connections between students and pathways.

The design components include:

- Brand Identification at the “front door” that celebrates a true connection between education and industry as described in BVSD’s Grad+ initiative.
- Provision of Experiential Graphics that reflects the enhanced programs of each school within the overall context of the Boulder Valley economy.
- A centrally located “I-Commons” area that supports direct connections to learning on display.
- Enhancing existing spaces and places based on program clarification and curriculum development. (Each pathway space should be programmed to be flexible and adaptable for long term use.)
- Connecting pathways to circulation and core curriculum both visually and programmatically.



**DESIGN
METHODOLOGY**
CONNECTING
STUDENTS AND
PATHWAYS

MIDDLE SCHOOL DESIGN COMPONENTS

I-COMMONS (INNOVATION COMMONS)



I-COMMONS

An I-Commons, or Innovation Commons, is a collection of coworking spaces that when shared between pathways can inspire entrepreneurial thinking and support direct connections and impactful collaboration.

SMALL

I-Commons intervention created by leveraging furniture and technology to support flexible reconfiguration of space and presentation.



MEDIUM

I-Commons intervention with dedicated presentation stairs and a mix of fixed and mobile walls and formal/informal gathering spaces.



LARGE

I-Commons intervention with presentation stairs that extend to a collaboration and display gallery, an adjacent lab/classroom space and several different co-working zones.

**These illustrations present three of countless possible iterations.*



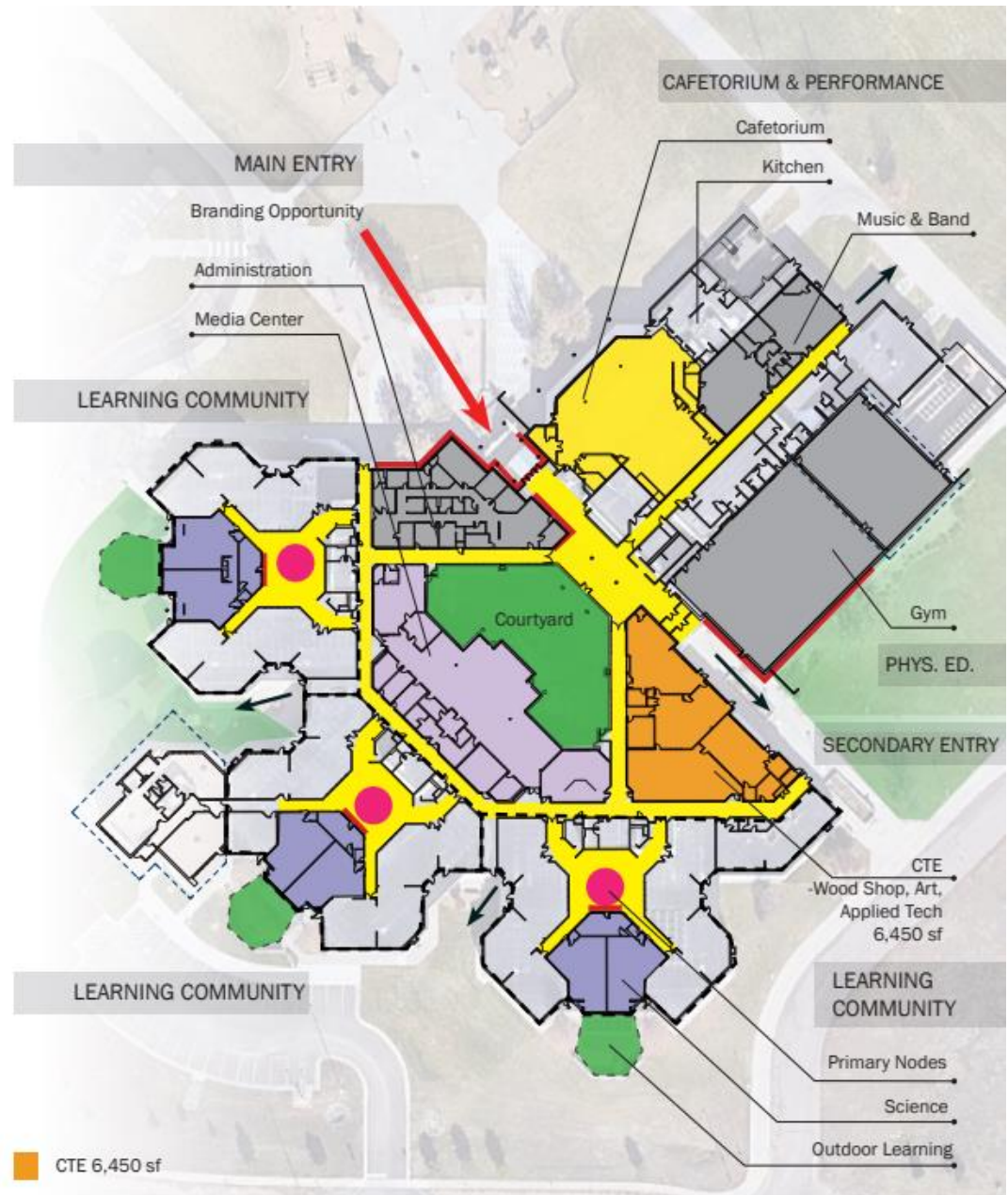
CTE Pathway

MONARCH PK8

Gross Square Footage:
(sf not provided)

Original Construction:
(sf not provided)

Addition/Renovation:
1998 (4,058 sf)
2011 (3,805 sf)

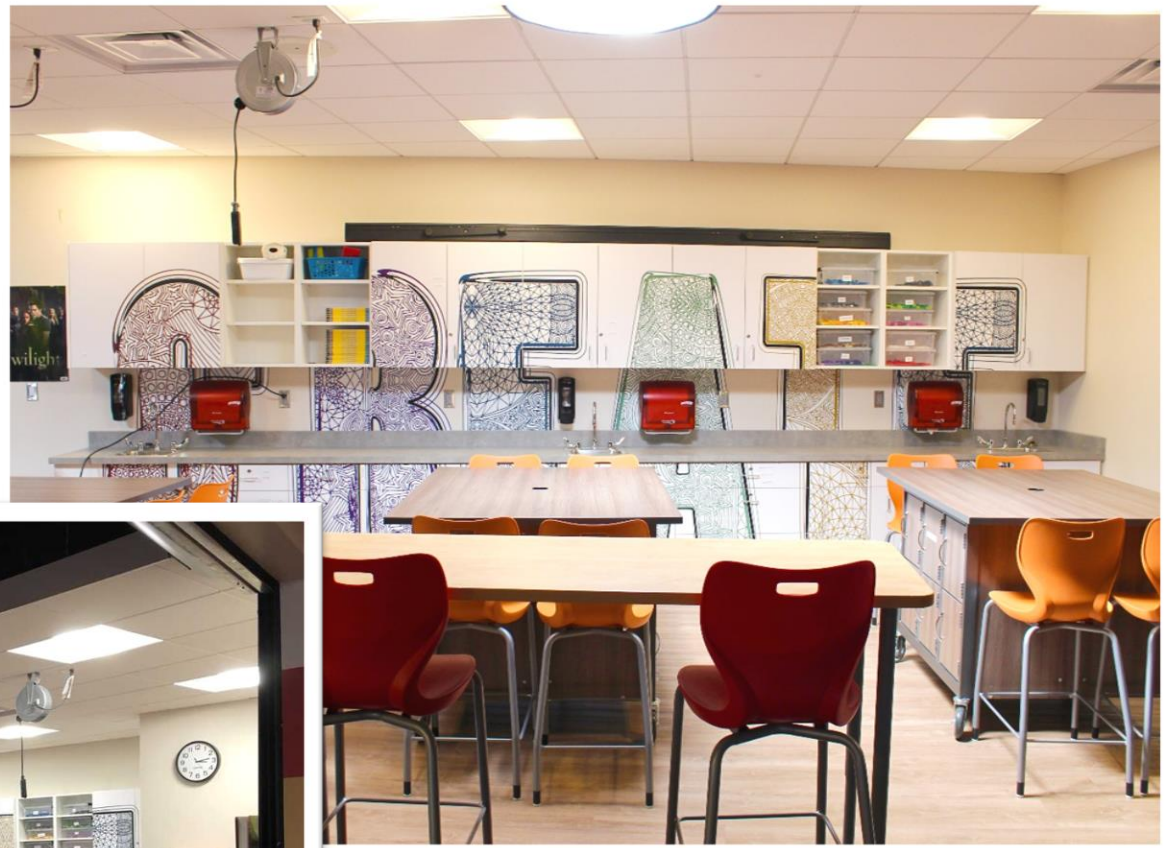


CTE Pathway



STEM Focus

CTE Pathway



Library Focus

CTE Pathway



STEM Focus

CTE Pathway



STEAM Focus

Project and DAT Schedule

- **PROJECT SCHEDULE**

- **Pre-design/Schematic Design** **Jan – March 2024**
- **Design Development** **March – June 2024**
- **Construction Documents** **July – September 2024**
- **Bid** **October 2024**
- **Permit / Procurement** **Nov 2024 – Feb 2025**
- **Construction** **March 2025 – August 2025**

- **DAT MEETINGS**

- **Tuesdays 3:15 PM – 4:45 PM**
- **January 30** **DAT #1**
- **February 20** **DAT #2**
- **March 19** **DAT #3**
- **April 9 (Placeholder)** **#4**

Next DAT Meeting

Monday April 29th, 3:15-4:45 pm

Agenda Items:

1. **Review Project Goals and Vision**
2. **Program Review**
3. **Brainstorm Design Solutions**

Homework:

1. **Consider project goals based on group discussions.**