

Monarch High School



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. CTE Scope Discussions**
- 8. Postcards**
- 9. 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

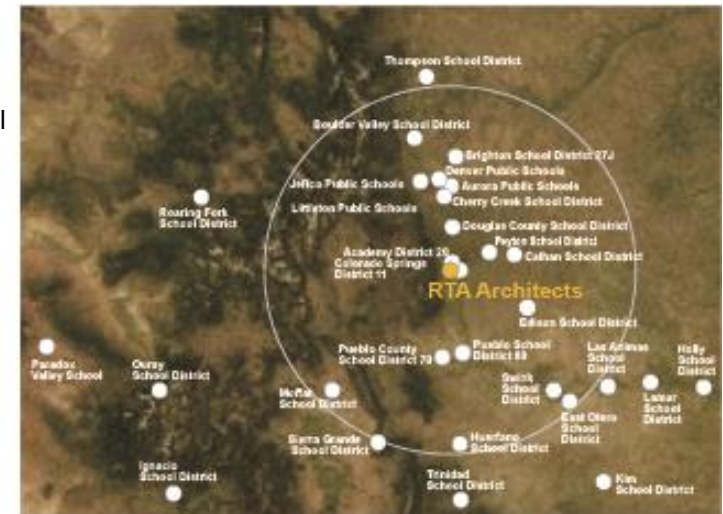
70 Additions/Alterations to K–12 Schools

10 New Elementary/K–8 Schools

4 New Preschools

3 New High Schools

Over \$650,000,000 of educational projects completed in the last 10 years



Recognition

• Local, Regional, and National Awards — 25
• Worked with over 40 Colorado School Districts

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 School 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

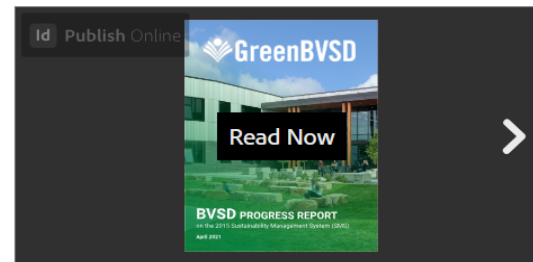


greenBVSD

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

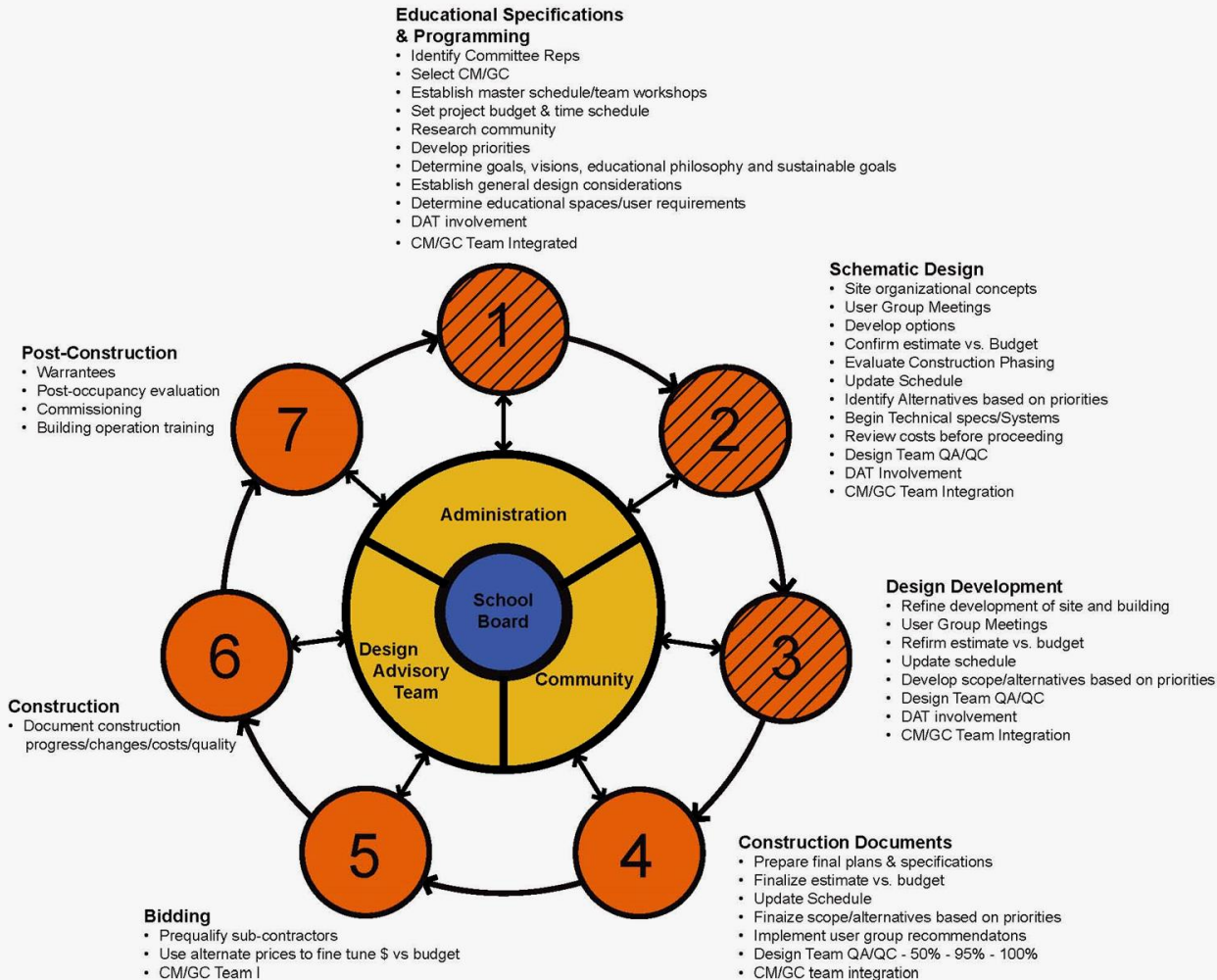
As a leader in whole district sustainability, BVSD creates healthy learning environments and experiences that equip all students and staff with the knowledge and skills to create more equitable and sustainable communities.

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 deteriorating areas of roof and roof components
- Apply water repellent sealant to exterior masonry
- Repair exterior stairs

Building Systems

- Repair/replace deteriorating HVAC, electrical and plumbing systems components to avoid potential systems failures
- Replace exit signs
- Replace kitchen dishwasher
- Update lighting and lighting controls
- Update obsolete HVAC controls

Infrastructure/Site

- Repair/replace irrigation system components
- Repair/replace concrete and asphalt paving
- Replace synthetic turf field
- Resurface tennis courts
- Replace track surface

Project Overview: scope/budget

Safety/Code

- Address various ADA issues
- Update fire protection system

Interior Space Improvement

- Auditorium improvements
- Improvements to interior finishes such as paint and flooring
- Replace overhead doors

Career & Technical Education Improvements

- Monarch High is eligible to receive up to \$2.86M in additional funds to invest in renovations to create learning environments to support career & technical education.

Project Overview: Construction budget

Critical Needs Budget	\$ 8,038,460
CTE Budget	\$ 2,200,000
Total	\$ 10,238,460

Group Exercise

S W O T

Group Exercise

■ SWOT Analysis

- What are the **Monarch HS** Strengths?:

—

—

—

- What are the **Monarch HS** Weaknesses?:

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- What Opportunities can be capitalized on at **Monarch HS**?:

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—

- What are the Threats / Fears for **Monarch HS**?:

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—

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Existing First Floor Plan



EXISTING 2ND FLOOR DEPARTMENT PLAN -

OVERALL



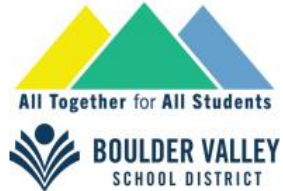
EXISTING 1ST FLOOR DEPARTMENT PLAN -

OVERALL

Department Legend

	Administration
	Circulation
	Dining/Common
	Exploratory
	Instructional Areas
	Library Information Center
	PE/Athletics
	Science
	Special Ed
	Support

CTE Pathways



CAREER TECHNICAL EDUCATION MASTER PLAN

MONARCH HIGH SCHOOL

Gross Square Footage:
241,823 sf

Original Construction:
1998 (233,909 sf)

Addition/Renovation:
2012 - 2018 (7,914 sf)



RE-ENVISIONING
**CAREER
TECHNICAL
EDUCATION**



Collaboration Space



Robotic Lab



Woodshop



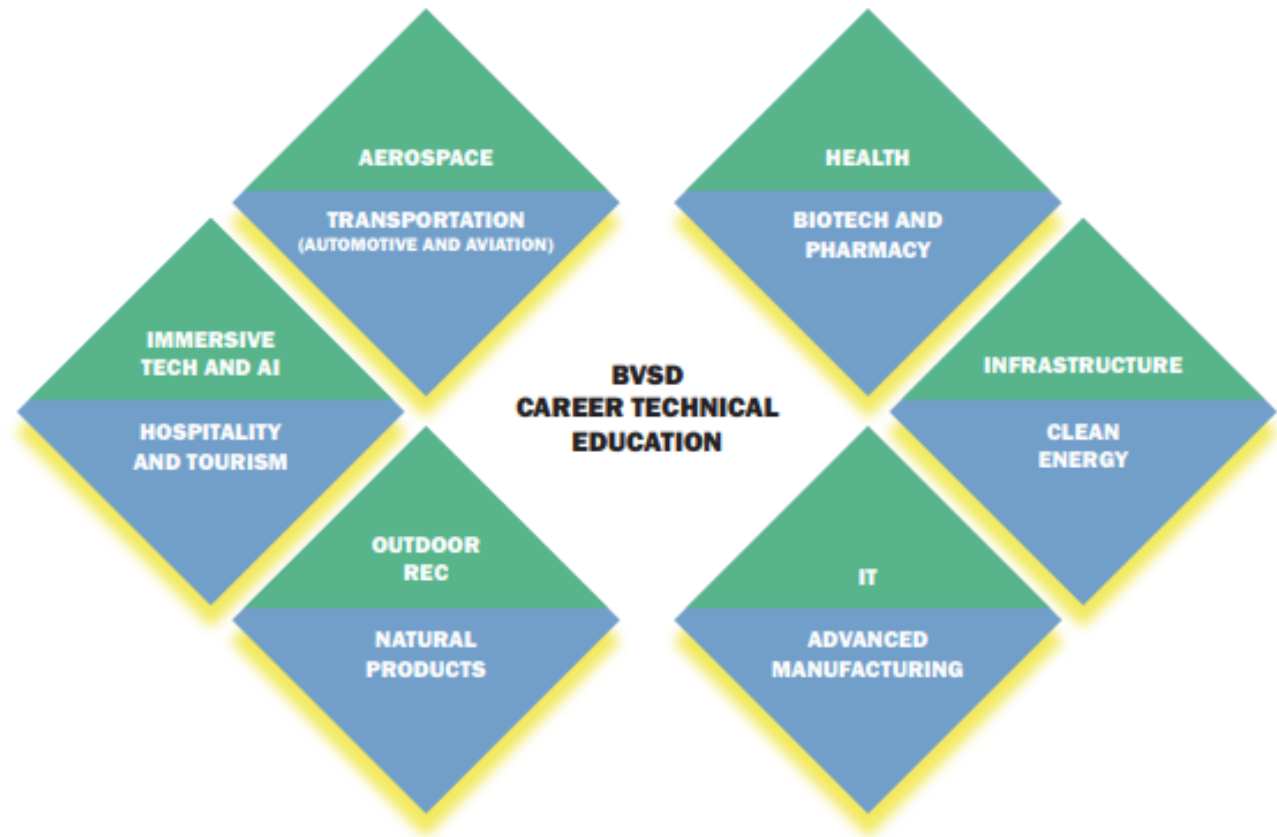
Photography

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.





**MONARCH
HIGH
SCHOOL**

SPORTS MEDICINE, SPORTS JOURNALISM, AND E GAMING



POTENTIAL NEW PATHWAYS AT MONARCH HIGH SCHOOL

- Medical Science
- Graphic Arts

EXISTING CTE PROGRAMMING AT MONARCH HIGH SCHOOL

- Business/Marketing
- Informational Technology and Computer Science
- Pre-Engineering
- Health
- Arts, Audio Visual Technology, and Communications
- Family Consumer Science

SPORTS MEDICINE, SPORTS JOURNALISM AND E GAMING MONARCH HIGH SCHOOL



**SPORTS
MEDICINE**

CAREERS

- EMT/Paramedic
- Fitness/Personal Trainer
- Athletic Trainer
- Exercise Physiologist
- Occupational Therapist
- Physician
- Physical Therapist

INDUSTRY CERTIFICATIONS

- Behavioral Health Technician Certificate
- Certified Nurse Aide Certificate
- CPT/First Aid, AED Certificate
- Pharmacy Technician Certificate
- Emergency Medical Responder (EMR) Certificate
- Paramedic/Emergency Medical Technician (EMT) Certificate
- Physical Therapy Technician/Aide Certification (PTTC)
- Personal Trainer Certification

CAREERS

- Sports Writer/Editor
- Sports Reporter
- Sports Content, Researcher
- Sports Blogger
- Communications Director/Coordinator
- Sports Information Director



**SPORTS
JOURNALISM**

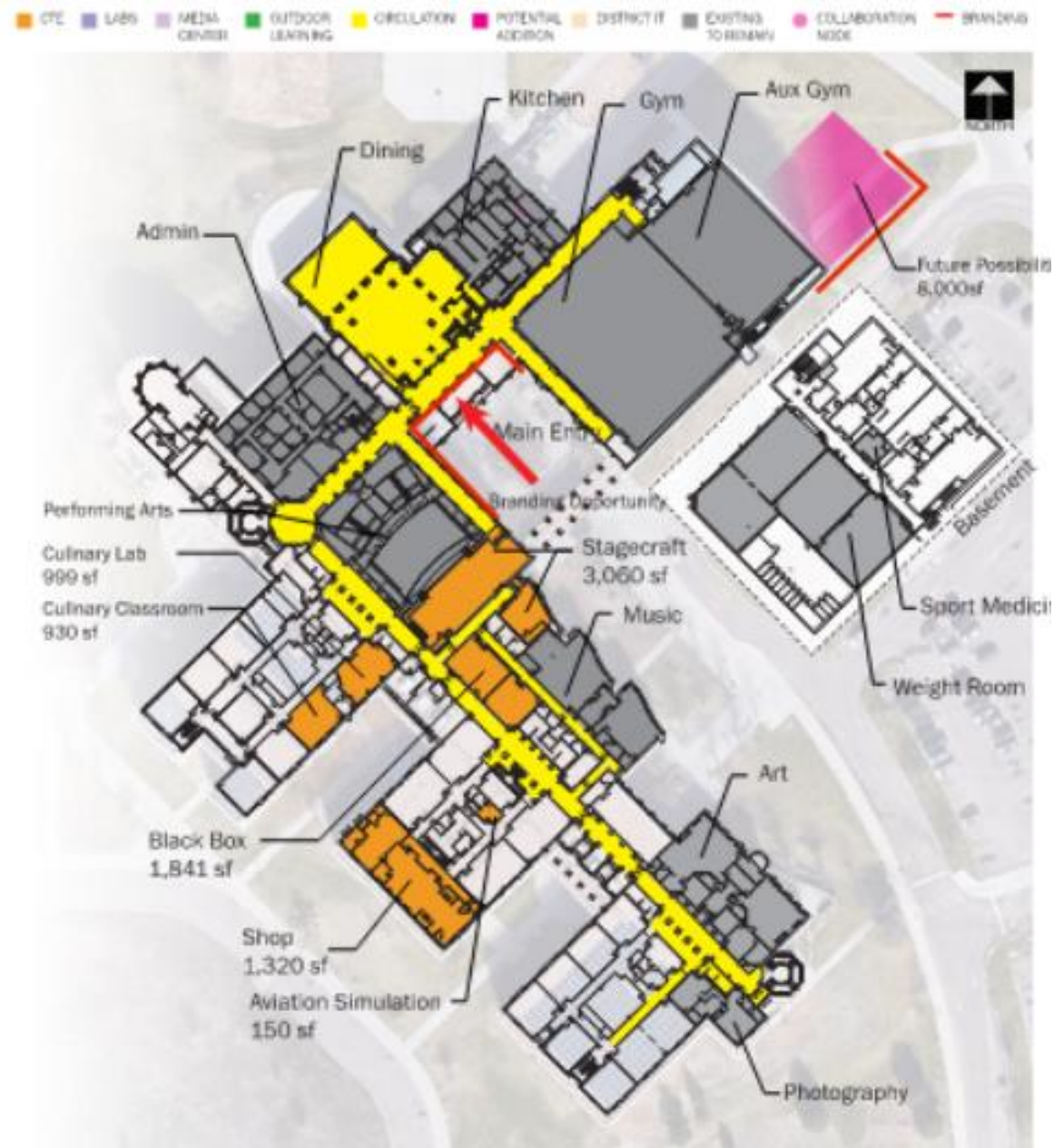
- Supports pathway to a four-year degree.

CTE Pathway

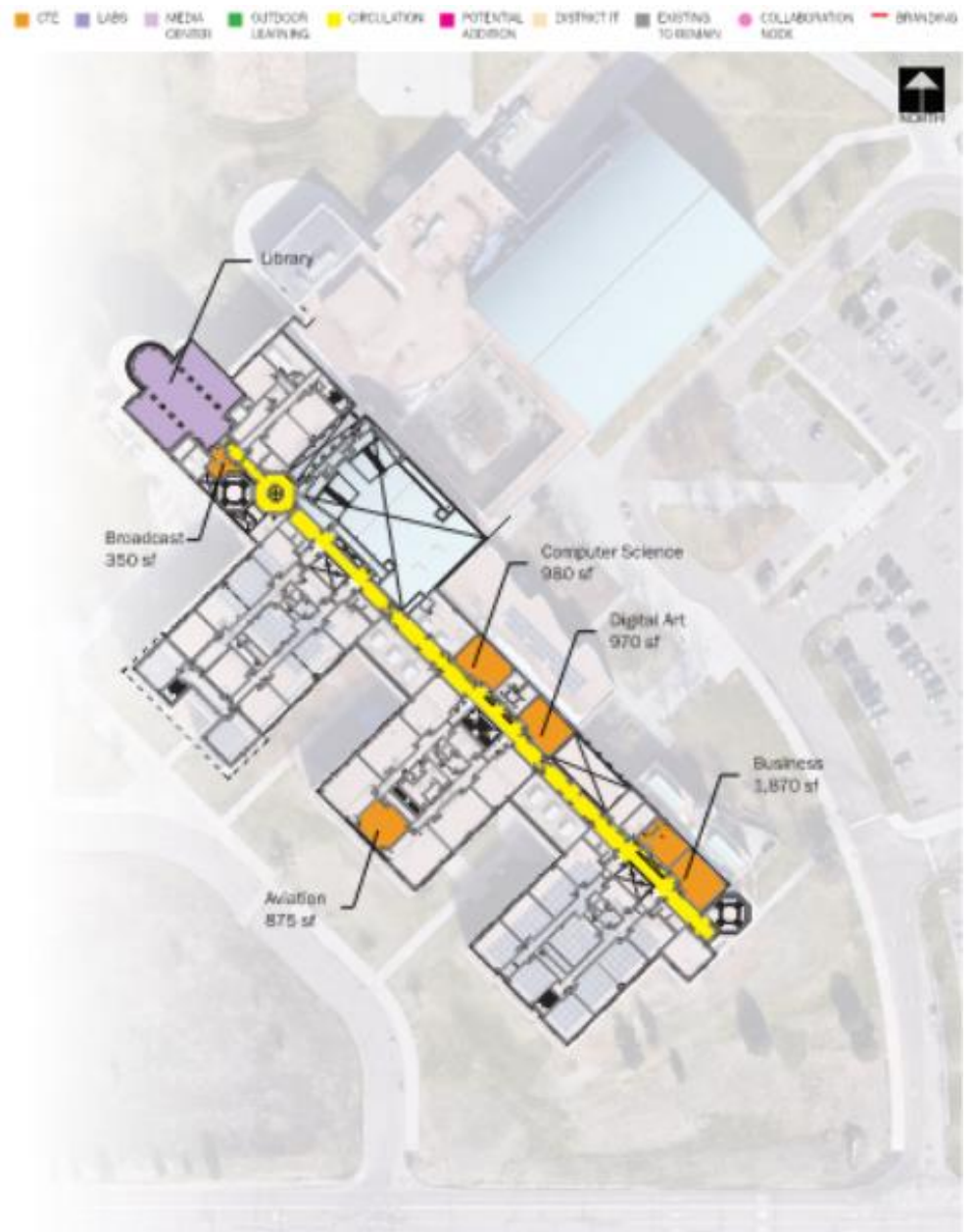
	FAIRVIEW HIGH SCHOOL	MONARCH HIGH SCHOOL	NEDERLAND MIDDLE SENIOR HIGH SCHOOL	BOULDER TEC
AEROSPACE				✓
TRANSPORTATION (AUTOMOTIVE AND AVIATION)				✓
HEALTH		✓		✓
BIOTECH AND PHARMACY		✓		✓
IMMERSIVE TECH AND AI	✓	✓	✓	✓
HOSPITALITY AND TOURISM			✓	✓
INFRASTRUCTURE				
CLEAN ENERGY				
IT	✓		✓	✓
ADVANCED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



CTE Pathway



CTE Pathway



Project and DAT Schedule

- **PROJECT SCHEDULE**

- Pre-design/Schematic Design Jan – March 2024
- Design Development June 1 – July 2024
- Construction Documents July 29 – October 2024
- Bid November 2024
- Permit / Procurement Nov 2024 – Feb 2025
- Construction March 2025 – July 2026

- **DAT MEETINGS**

- Wednesday 4:00 PM – 5:30 PM
- January 31 #1
- February 21 #2
- March 20 #3
- April 10 #4

Next DAT Meeting

Wednesday Feb 21st, 4:15-5:45 pm

Agenda Items:

1. Review SWOT Analysis
2. Detailed review of deferred maintenance scope
3. CTE Deep Dive / Brainstorming

Homework:

1. Ponder “learning on display” prior to our next DAT. more