



**CUNINGHAM**  
G R O U P

beautiful places **balanced world**®



# **CHARRETTE WORKSHOP #1**

## **Creating a Shared Vision for Facilities**



## STUDY WILL ADDRESS:

- Demographics
- Curriculum changes
- Obsolescence of facility equipment, systems and infrastructure

## OVERRIDING THEMES:

- Health, safety and security of students and staff
- Optimizing the student learning environment while minimizing the impact on operating costs

**YOU NEVER CHANGE THINGS BY  
FIGHTING THE EXISTING REALITY.  
TO CHANGE SOMETHING, BUILD  
A NEW MODEL THAT MAKES THE  
EXISTING MODEL OBSOLETE.**

BUCKMINSTER FULLER



# Highest Hopes

**Introduce yourself, your connection to Moorhead Public Schools, and one idea that reflects your highest hope for this work.**

IT IS NOT BECAUSE  
THINGS ARE DIFFICULT  
THAT WE DO NOT DARE.

IT IS BECAUSE WE  
DO NOT DARE THAT  
THEY ARE DIFFICULT.

SENECA, ROMAN PHILOSOPHER & POLITICIAN

## PURPOSE

To co-create a clear and compelling Shared Vision that will help inform the Facility Master Plan.

## **SESSION ONE...Today**

**Creating a shared vision.**

## **SESSION TWO...Tomorrow**

**Developing facility principles.**



# CREATING A SHARED VISION

**The purpose of a facility related vision statement is to guide the master planning effort, help us set priorities, align resources, and facilitate an efficient decision making process.**





## **MISSION**

*The mission of the Moorhead Area Public Schools is to develop the maximum potential of every learner to thrive in a changing world.*

## **VISION**

*Moorhead Area Public Schools will be a progressive school district recognized for excellence at all levels. We will work collaboratively with our community to provide a premier education for every learner to achieve success while providing a safe and nurturing environment that celebrates diversity and practices mutual respect.*



***Moorhead Area Public Schools is committed to the education and well being of each student. We are committed to:***

- ***creating a positive learning environment that values children and youth.***
- ***supporting all learners.***
- ***holding high standards and expectations for all learners.***
- ***making research-based, data-driven, collaborative decisions inclusive of stakeholder perspectives.***
- ***seeking continuous improvement and planning for the future.***
- ***advocating for children and youth within our community and district.***
- ***celebrating students and staff.***
- ***promoting pride in the Moorhead community and schools.***





## HONORING PREVIOUS EFFORTS

**Comprehensive Facilities Master Plan** for the next 10 years (2025) will build upon previous efforts:

### District Planning Documents

- World's Best Workforce
- Strategic Priorities
- Curriculum Review Plan
- Technology Plan

### 2001 Facilities Master Plan

## **Steering Committee (COT)**

The District's Steering Committee, composed of a cross section of District Leaders, will be responsible for guiding the overall Facilities Master Plan process.

## **Facilities Master Plan Task Force**

Responsible for shaping district's baseline standards, criteria and priorities for facilities work. Provides diverse perspectives both within and outside of the district.





## Design Workshop

A fun, creative working process that promotes full collaboration among all of the key stakeholders and that utilizes virtual modeling tools to openly and effectively share design thinking to make great decisions.



**DESIGN WITH, NOT FOR.**

**welcome to the design team!**



# 21<sup>st</sup> CENTURY & BEYOND

“If you’re not prepared to be wrong, you’ll never come up with anything original.”

— SIR KEN ROBINSON

TED

# FORCES OF CHANGE



# LIMITING BELIEFS



# INNOVATION



I SEE...  
WE SEE

**RELAX AND ALLOW.** Constant self monitoring will get in the way of group performance. Let go...

**DON'T WORRY ABOUT WHO GETS CREDIT.** When everyone genuinely collaborates, everyone ends up being more creative. (SEEK THE COMMON GROUND)

**CLARITY IS NOT A VIRTUE.** If everything you say is detailed and explicit, you won't give your collaborators room to run. Put ideas out there that are half-baked.

**CREATIVITY IS RISKY.** Put yourself in an environment that rewards failure. Successful creative teams are also the ones who fail the most often.

BE WHO YOU ARE AND SAY  
WHAT YOU FEEL BECAUSE  
THOSE WHO MIND DON'T  
MATTER AND THOSE WHO  
MATTER DON'T MIND.

- DR. SEUSS



A photograph of Sir Ken Robinson, a man with glasses and a dark suit, speaking at a TED event. He is gesturing with his right hand raised. The background is dark with a large, semi-transparent red circle behind him. The TED logo is visible in the bottom center.

**“If you’re not prepared to be wrong, you’ll never come up with anything original.”**

– SIR KEN ROBINSON

**TED**

# REFLECTIONS



# **FORCES OF CHANGE**

# **FORCES OF CHANGE:**

**Please identify the major forces of change that you believe will impact public education over the next 10 years.**



# 21<sup>st</sup> CENTURY & BEYOND

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TED

# FORCES OF CHANGE



# LIMITING BELIEFS

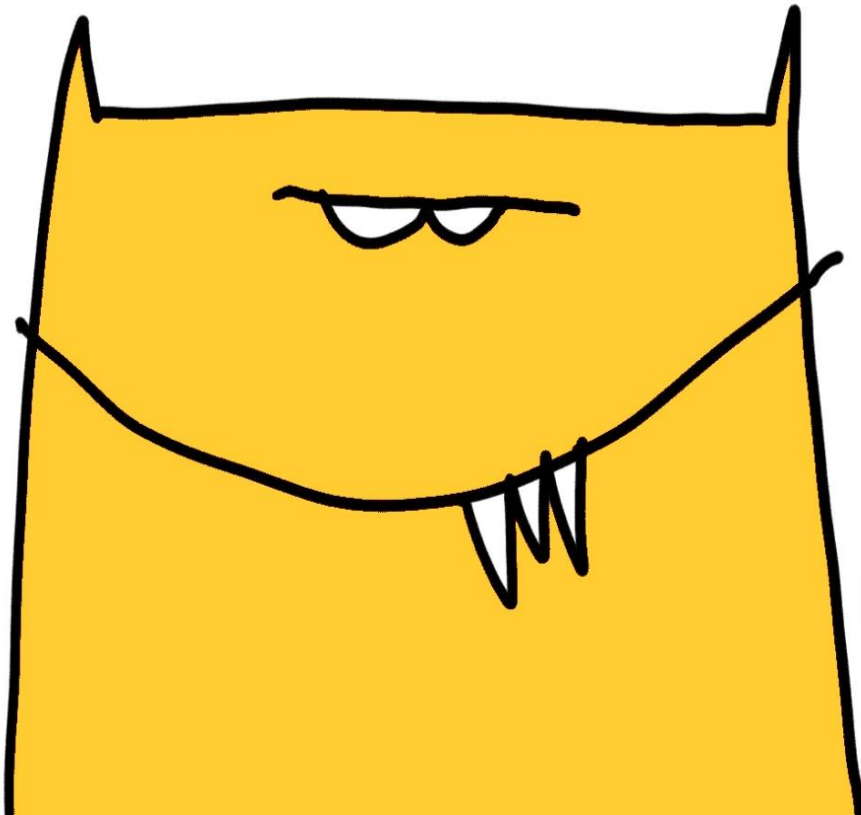


# INNOVATION



I SEE...  
WE SEE

**INNOVATION**



theory's already been done.  
it's time for action.

# INNOVATION ECONOMY



**WHAT IS IT?**



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GROUP**

**WHAT COULD BE THINKING**  
**THAT RESULTS IN**  
**RAPID TRANSFORMATION**  
**OF A SERVICE OR PRODUCT**  
**THAT CHANGES THE WORLD**

**“THE WEALTH GENERATED IN  
OTHER ECONOMIC SECTORS  
WILL PALE IN COMPARISON  
TO THE WEALTH GENERATED  
IN THESE NEW ECONOMIES.”**

# “PERMANENT BETA”

The old way of doing things – getting a college degree and working for a company for 30 years – is finished. Everyone is now an entrepreneur. To adapt, workers must be in a **permanent beta phase**, constantly learning and gaining new skills.

- Reid Hoffman, LinkedIn Co-founder at SXSW Conference



**WHAT'S BEHIND IT?**

**DOES ANYONE DOUBT THAT  
THINGS NEED TO CHANGE?**

**DOES ANYONE DOUBT THAT  
NEW IDEAS ARE REQUIRED?**

**IF WE DON'T FIGURE IT OUT  
SOMEBODY ELSE WILL  
GLOBAL OPPORTUNITY**

**TECHNOLOGY**  
**HAS CHANGED THINGS**  
**PERMANENTLY.**

**PLEASE NOTE**



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GROUP**

# INNOVATION



**IS NOT SOMETHING**



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GROUP**



**YOU CAN FORCE**



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GROUP**

**FORTUNATELY**



**CUNNINGHAM  
GROUP**

IT IS SOMETHING YOU CAN  
**CULTIVATE**



CUNNINGHAM  
GROUP

**WHAT MAKES IT GROW?**

**HOWEVER**

**DIVERSITY**

**ALONE IS NOT ENOUGH**



**CUNNINGHAM  
GROUP**

**INNOVATION IS NOT  
COLLABORATION  
IS THE WAY TO GET TO THERE**


**COLLABORATION IS NOT  
TECHNOLOGY  
EMPOWERS IT**



# TOP 10

## INNOVATIVE COMPANIES IN 2014: FAST COMPANY

 = TECHNOLOGY BASED

 = OTHER

1. Google
2. Bloomberg Philanthropies
3. Xiaomi
4. Dropbox
5. Netflix
6. Airbnb
7. Nike
8. Zipdial
9. DonorsChoose.org
10. Yelp



**INNOVATION INVOLVES**  
**CREATIVITY**  
**INVOLVES TAKING RISKS**

**CREATIVITY IS  
RISKY BUSINESS  
LEADS TO GREATER REWARDS**

**FAIL AGAIN**

**FAIL FASTER**

**FAIL BETTER...**

**-SAMUEL BECKETT**

**I'VE LEARNED SO MUCH  
FROM MY MISTAKES...  
I'M THINKING OF MAKING  
A FEW MORE.**

OH...



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GROUP

**ONE MORE THING**



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GROUP**

# SINGULAR PURPOSE



**Predicting the future is hard, it  
hasn't happened yet.**

**Yogi Berra**



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**The best way to predict  
the future is to design it.**

**Buckminster Fuller**



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G R O U P

21<sup>st</sup> CENTURY  
& BEYOND

“If you’re not prepared to be wrong, you’ll  
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TED

FORCES OF  
CHANGE

LIMITING  
BELIEFS

INNOVATION

DID YOU  
KNOW



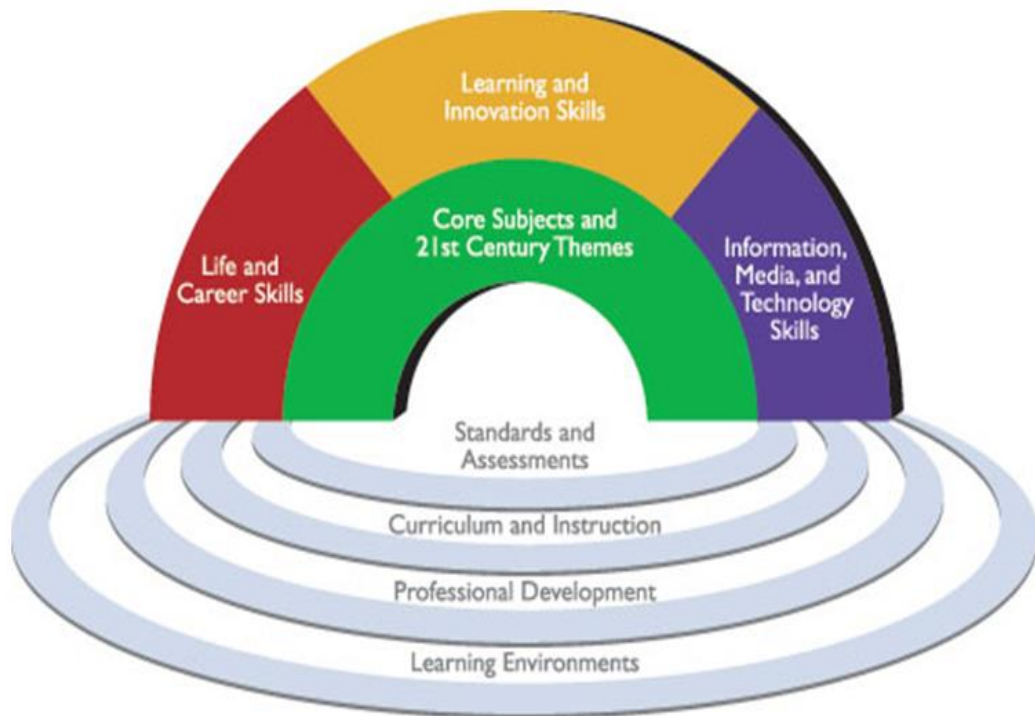
I SEE...  
WE SEE

# PRECONCEPTIONS: {i.e. limiting beliefs}

**Identify personal and/or institutional beliefs that might prevent or limit you in facing the challenges presented by these forces.**

# 21 C. AND BEYOND

# Educational Trends



## 21<sup>st</sup> Century Skills

- Critical thinking
- Innovation
- Creativity
- Problem solving
- Effective communication
- Citizenship

# Educational Trends

- **Learning is Personal** – mass customization of learning
- **Learning Happens Everywhere** – and is formal and informal
- **Flexibility** and **Adaptability** - of space and furniture is important and I
- **Collaboration** – students need to see adults model working together
- **Project Based Learning** - increases relevance
- **Technology** is a Ubiquitous Tool – BYOD

**Learning is  
PERSONAL**



# Dunn and Dunn Learning Style Model

Designed By Dr. Rita Dunn and Dr. Kenneth Dunn

Graphic Design by Susan M. Rundle

## STIMULI

## ELEMENTS

### Environmental

Sound



Light



Temperature



Seating



### Emotional

Motivation



Responsibility/  
Conformity



Task  
Persistence



Structure



### Sociological

Self



Pair



Peers



Team



Adult



Variety



### Physiological

Perceptual



Intake



Time of Day



Mobility



### Psychological

Analytic



Global



Reflective



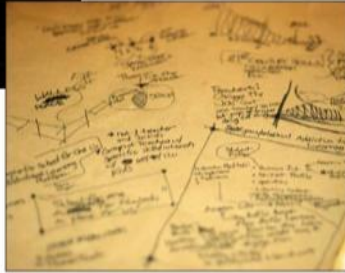
Impulsive







American  
Architectural  
Foundation



## SCHOOL OF ONE CHARRETTE

APRIL 30 - MAY 2, 2009  
NEW YORK, NY



"IT WAS AN AMAZING EXPERIENCE.  
I CAN'T WAIT TO BRING IT TO LIFE."

JOEL ROSE  
SCHOOL OF ONE DEVELOPER  
NYC DEPARTMENT OF EDUCATION

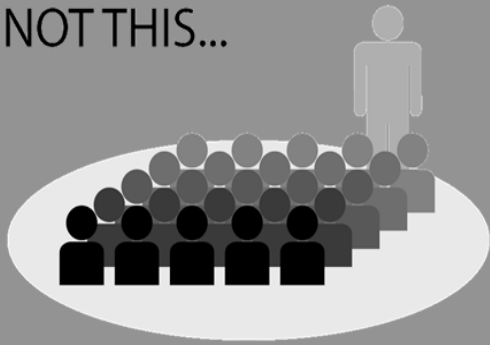
**Great  
Schools**  
An initiative of the  
American Architectural  
Foundation  
presented by 



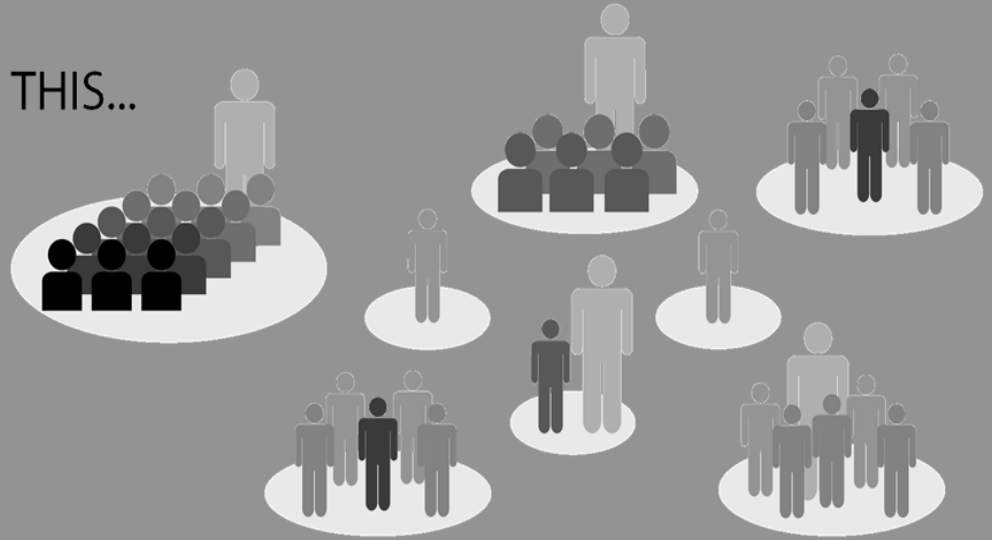
**School of ONE**  
New York City, NY



NOT THIS...



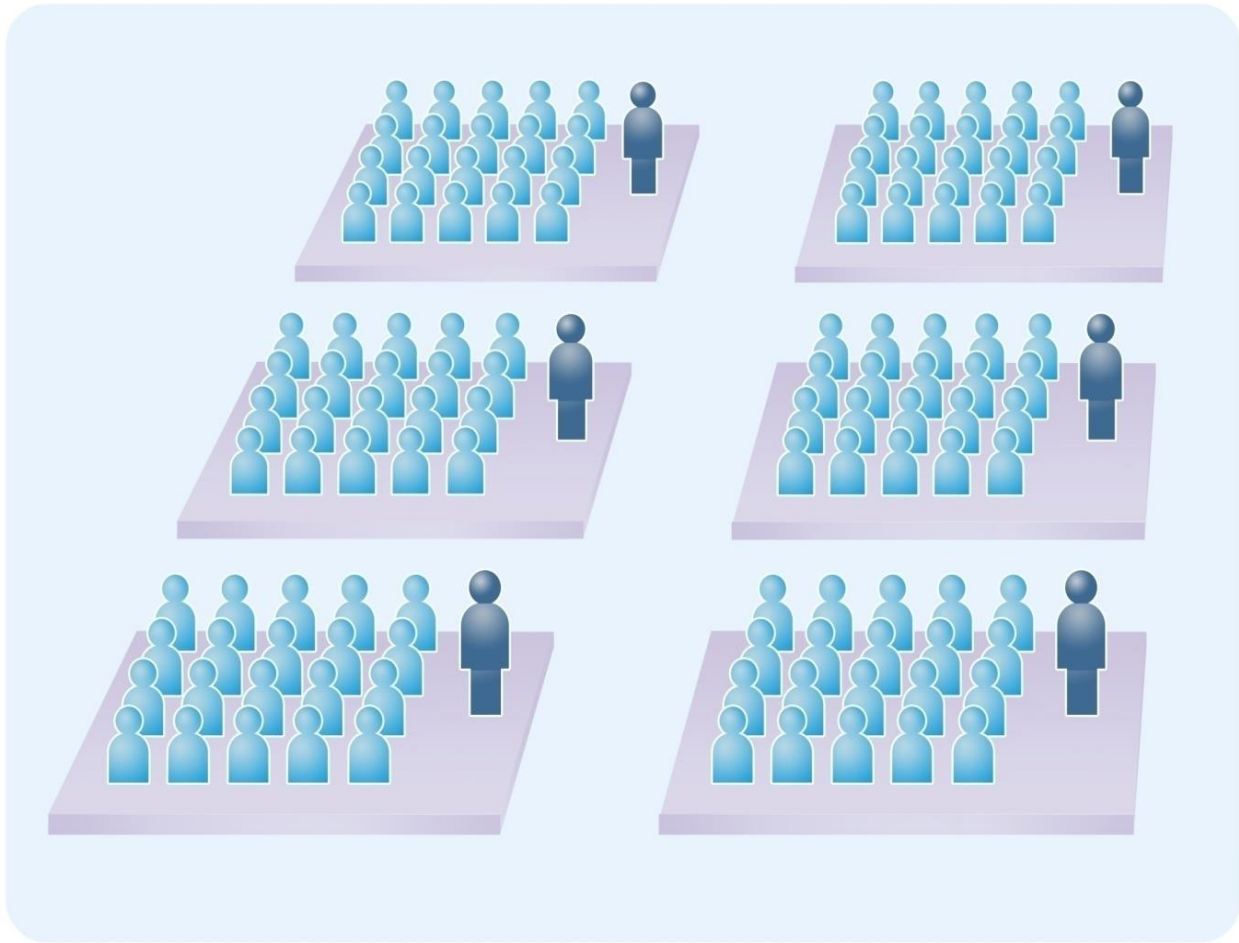
THIS...



# SCHOOL OF ONE

**School of ONE**  
New York City, NY





**Instead of this...**

Big Board



Small Group



Small Group



Lecture



Independent Study



Group Project



One-to-One



The School of One Experience

**THIS.**



**Learning Happens  
EVERYWHERE**



**FAIR School Downtown**  
Minneapolis, MN



## Natrona Center for Advanced Professional Studies (CAPS)

Casper, WY



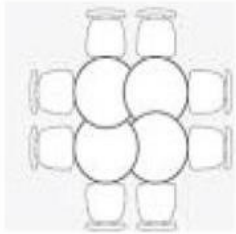


**Institute of Science & Technology**  
Aurora, CO





**FLEXIBILITY &  
ADAPTABILITY**



# learning studios



We believe in forming spaces that **form ideas.**



Variety of spaces for **all learning styles.**



Creating your unique

## kit of parts.





Nooks to meet with others and team up.



Surfaces that are **multifunctional**.

## small group



Vertical display surfaces encourage **ideation and interaction**.



Designed to support information sharing  
—whether it's an individual or a group of peers conversing

**CLUBHOUSE.**



# gathering space

encourages  
mixing and mingling



enables presentations,  
group instruction  
and learning



Acts as the vibrant and dynamic heart of the landscape-

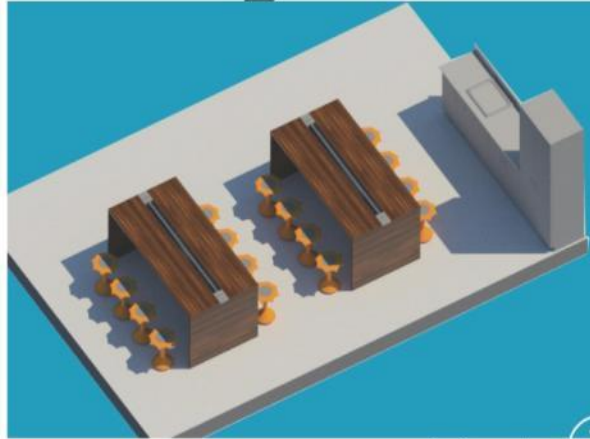
**HUB.**





# making stuff

A creation space for :  
project  
experiements  
& more....



a space for hands on exploration



Surfaces that are  
**multifunctional.**

# WORKSHOP.





**SECOND GRADE  
LEARNING STUDIO**  
NORTH PARK ELEMENTARY SCHOOL,  
Columbia Heights, MN





**North Park Elementary**  
Columbia Heights, MN



**North Park Elementary**  
Columbia Heights, MN



**Galtier Community School**  
Saint Paul, MN



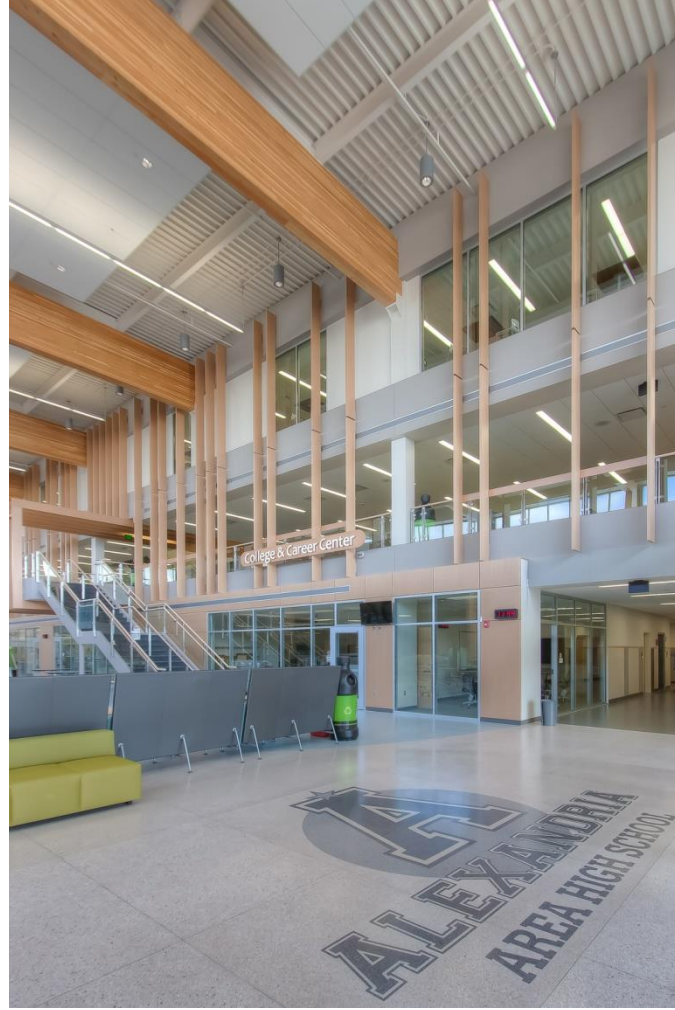
**Galtier Community School**  
Saint Paul, MN



**COLLABORATION**



**Alexandria Area High School**  
Alexandria Public Schools, Alexandria MN



**Alexandria New High School**  
Alexandria, MN





## Alexandria Area High School

Alexandria Public Schools, Alexandria MN







**Alexandria Area High School**  
Alexandria Public Schools, Alexandria MN





**FAIR School Downtown**  
Minneapolis, MN



**FAIR School Downtown**  
Minneapolis, MN







CUNNINGHAM  
GROUP

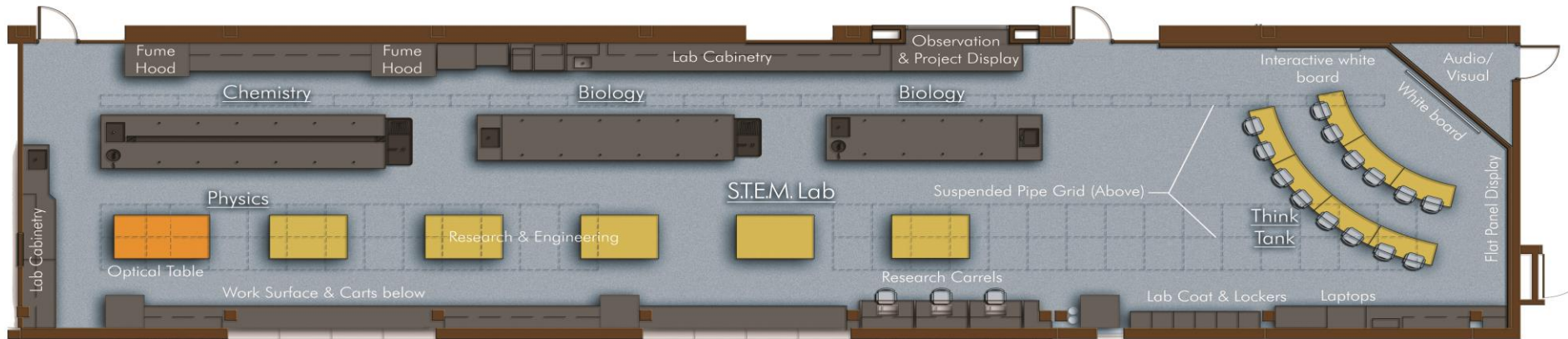




# Project Based LEARNING













# NEW HIGH SCHOOL CAMPUS

**New High School Campus: Center for Advanced Professional Studies & Roosevelt HS**  
Natrona County School District, Casper WY





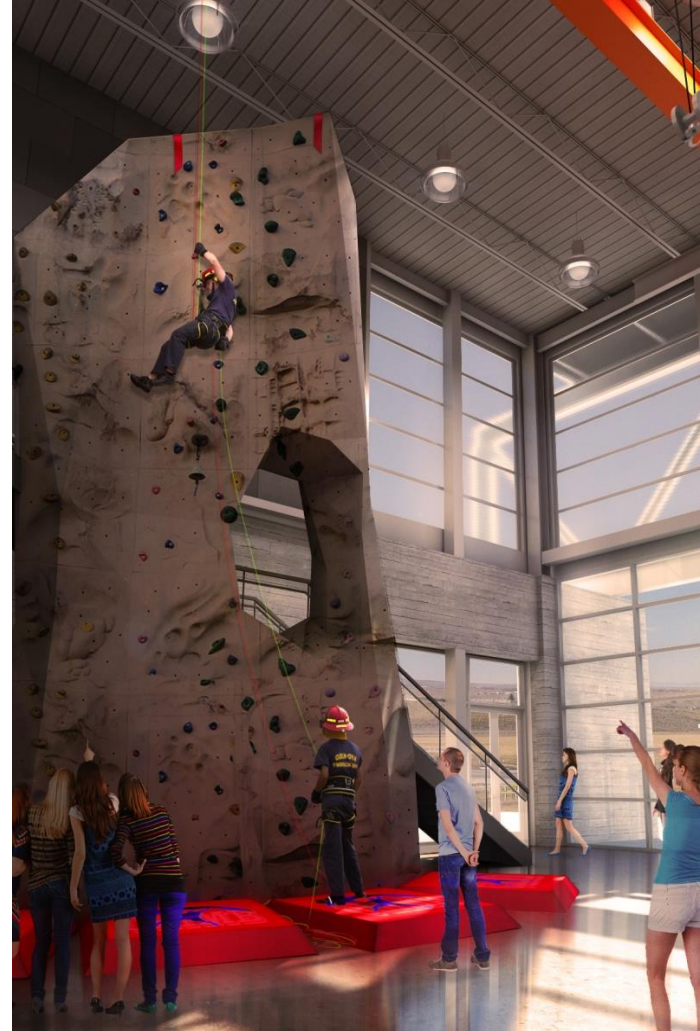
**New High School Campus: Center for Advanced Professional Studies & Roosevelt HS**  
Natrona County School District, Casper WY





**New High School Campus: Center for Advanced Professional Studies & Roosevelt HS**  
Natrona County School District, Casper WY

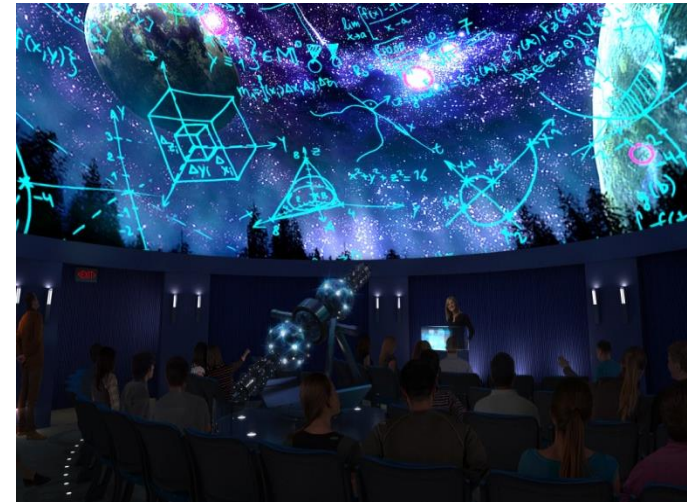
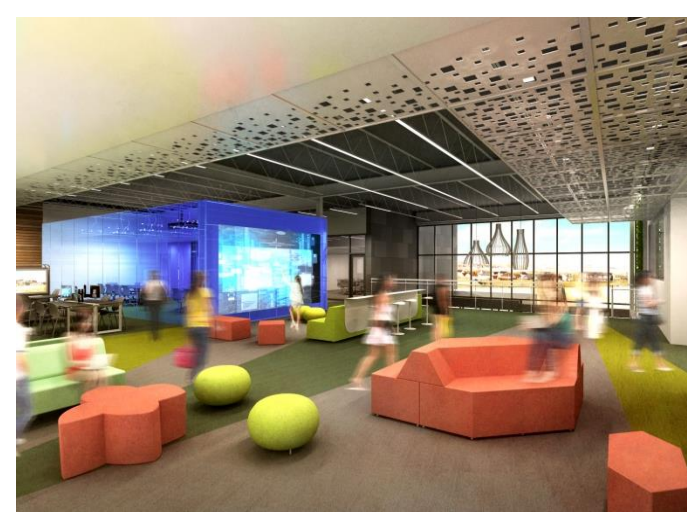




**New High School Campus: Center for Advanced Professional Studies & Roosevelt HS**  
Natrona County School District, Casper WY







**New High School Campus: Center for Advanced Professional Studies & Roosevelt HS**  
Natrona County School District, Casper WY



**TECHNOLOGY**



**Institute of Science & Technology**  
Cherry Creek School District





**Institute of Science & Technology**  
Cherry Creek School District





**Institute of Science & Technology**  
Cherry Creek School District





tedu.net

s.net

WORD SEARCH

R e

I M P L

to plead; to beg

TIME: 2

3/3

IRONY

OBJECTIVE









Teacher's Guide  
To Google  
GLASS  
[edudemic.com](http://edudemic.com)



# REFLECTIONS

**I SEE...**

**WE SEE**

**Vision is the art of seeing  
the invisible.**

**- Jonathan Swift**

# I SEE...

**Imagine the district is successful beyond your highest expectations, and you're giving an international team of educators a tour of the district in the year 2025. **What do you see?****

# WE SEE...



CUNNINGHAM  
GROUP



# **CHARRETTE WORKSHOP #1**

## **Creating a Shared Vision for Facilities**



