FALL WEBINAR SERIES
Transforming Learning in the Classroom

Redesigning Learning Spaces

BOXLIGHT

Overview

- History of Classroom Design
- Start with ‘Why’
- Innovative Concepts for Teachers to Consider
- Two Aspects of Classroom Space - Culture and Engagement
- Examples in Action - Huntington Beach
- Benefits to Adaptation - Fostering or Hindering Learning

Two Types of Classroom

One-Room Schoolhouse

Two Types of Classroom

Today's Classroom

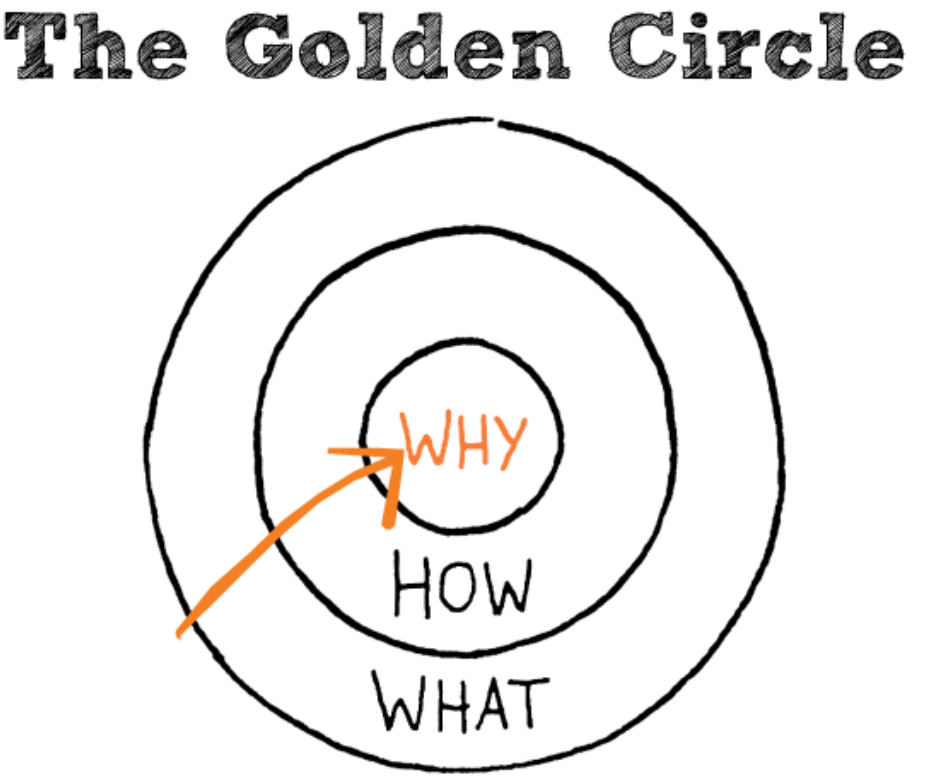
Or Is It?

- Do we typically see “desks in rows” or is that a stereotype?
- What types of things do we see in rooms that is different than that?
  - Lab Classrooms (Science and Computer)
  - Flexible Seating
  - Cooperative Grouping
  - STEM or PBL Classrooms
- These are becoming more and more common.

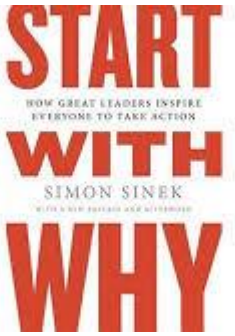
The 21st Century Learner

- How is this learner different than a learner from 10, 20, or 50 years ago?
  - Technology
  - Social Media/Socialization
  - Parent Expectations
  - Future/Career Expectations
- And how are community and parent expectations different?

Simon Sinek – Start with Why



©2015 Simon Sinek, Inc.



Why?

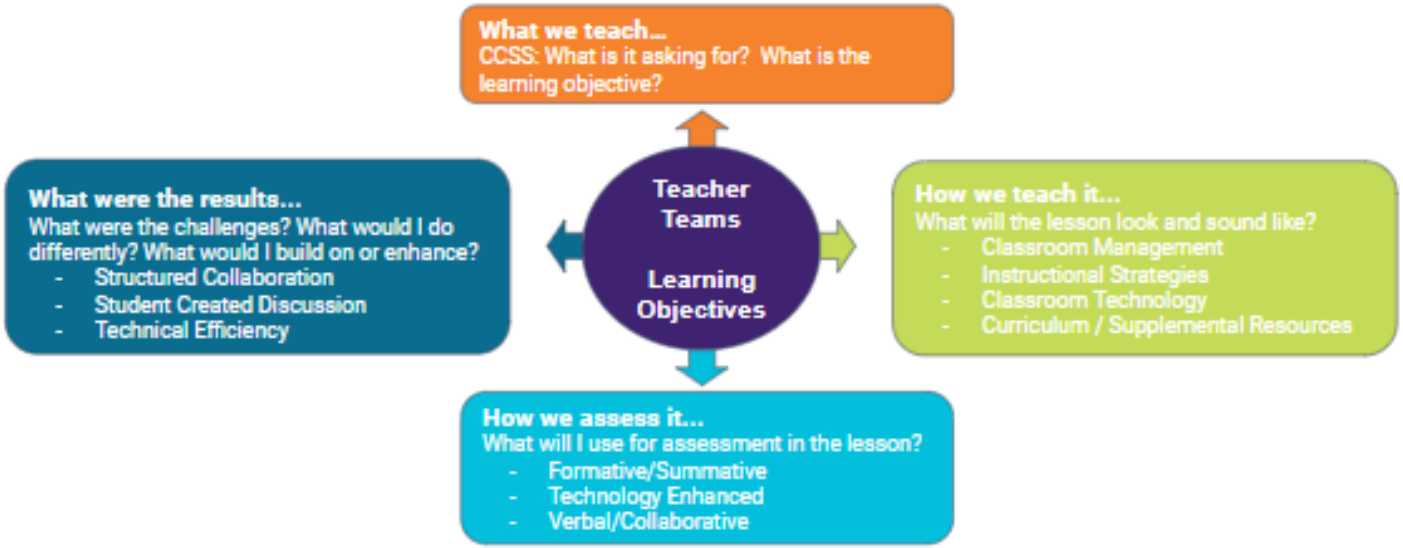
- Why are rooms designed the way they are?
- If we are going to change them, why should we change them?
- If we change them, what do we change them into?

If we are going to change them, why should we change them?

- What do students need?
- What do teachers need?
- What does our future need?

If we are going to change them, why should we change them?

- What do teachers need? Play the move and lead them..



Collaborative Cohort	Small Group PLC	1:1 in-class support
These full day sessions will focus on developing a deeper understanding of how your new classroom will support the desired instructional outcomes. We will reflect on your successes and challenges during the previous month as well as collaborate to integrate new topics and strategies within your instruction.	During these monthly after-school meetings you will have the opportunity to experience each other's classrooms. These smaller sessions will rotate between rooms with a focus on topics more specific to your grade/subject/technology, along with developing lessons for in-class support.	Individualized support is crucial in developing the knowledge and comfort needed to effectively integrate classroom technology. Throughout the year OnPoint trainers will support you in implementing new topics and strategies covered during group sessions.

What's the Research & Industry Say?

KEY FINDINGS FROM
2018 EMPLOYER RESEARCH

• **A College Degree Is Important. 82%** of executives and **75%** of hiring managers believe that it is very important or essential to complete a college education. **88%** of executives and **85%** of hiring managers consider the money and time involved in getting a college degree to be worthwhile.

• **Employers Have More Confidence in Colleges and Universities than Does the American Public.** Among executives and hiring managers, **63%** express confidence in colleges and universities, a notably higher proportion than among the American public. In a 2018 Gallup poll, **45%** of adults nationwide express confidence in colleges and universities.*

Employer Priorities on Select College Learning Outcomes

Intellectual and Practical Skills	*Very important for recent grads* Executives	Hiring Managers
• Oral communication	80%	90%
• Teamwork skills with diverse groups	77%	87%
• Written communication	79%	78%
• Critical thinking and analytic reasoning	78%	84%
• Complex problem solving	67%	75%
• Information literacy	73%	79%
• Innovation and creativity	61%	66%
• Technological skills	60%	73%
• Quantitative reasoning	54%	55%

What's the Research & Industry Say?

Billionaire Warren Buffett Says This 1 Skill Will Boost Your Career Value by 50 Percent

Billionaire Warren Buffett told business students that this is the most valuable skill they can learn.

By Carmine Gallo *Keynote speaker and author, Five Stars: The Communication Secrets to Get from Good to Great* @carminegallo

Imagine working on one skill in 2017 that--once you improve it--will raise your value by 50 percent. The one skill is public speaking.

The dividends on the investment you make in sharpening your communication skills will pay off for the rest of your career. Don't take my word for it. Listen to billionaire Warren Buffett's advice to a class of business students at Columbia University back in 2009:

> "Right now, I would pay $100,000 for 10 percent of the future earnings of any of you, so if you're interested, see me after class."

After the laughter subsided, he turned serious.

> "Now, you can improve your value by 50 percent just by learning communication skills--public speaking. If that's the case, see me after class and I'll pay you $150,000."

What's the Research & Industry Say?

EMPLOYER RESEARCH SUPPORTS
GLOBAL LEARNING OUTCOMES

Global Learning Outcomes INCREASED in Importance for Employers from 2014 to 2018*

The ability to analyze and solve problems with people of different backgrounds and cultures

72% to 83%

The ability to locate, organize, and evaluate information from multiple sources

56% to 65%

*Global Learning Skills That Employers** Value in 2018*

Ability to effectively communicate orally	90%
Ethical judgment and decision-making	84%
Ability to work effectively in teams	87%
Can apply knowledge/skills to real-world settings	87%
Ability to analyze and solve complex problems	75%

What impact does the learning space/classroom design have on the learner?

- Where is the source of the knowledge?
  - From the teacher?
  - From the curriculum?
  - From the lab?
  - From the students?

- This philosophy becomes the “why” for the classroom

- There is no right answer…but there can be more than one answer

- How can the room foster a growth mindset for students?

Culture and Engagement: Huntington Beach Background – Why?

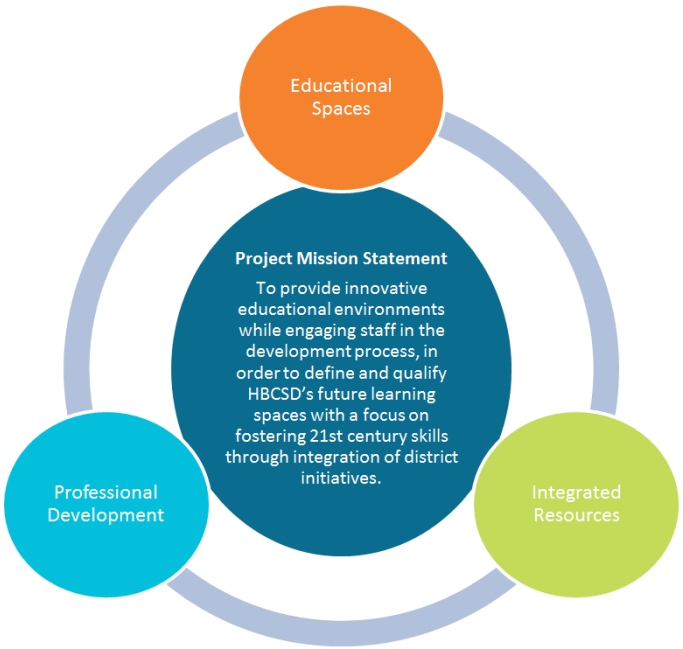
Measure Q $160MM bond passed in 2016

Development of students' 21st Century Skills (P21 Framework)

Collaborative Strategies **Flexible Furniture** **Interactive Technology**

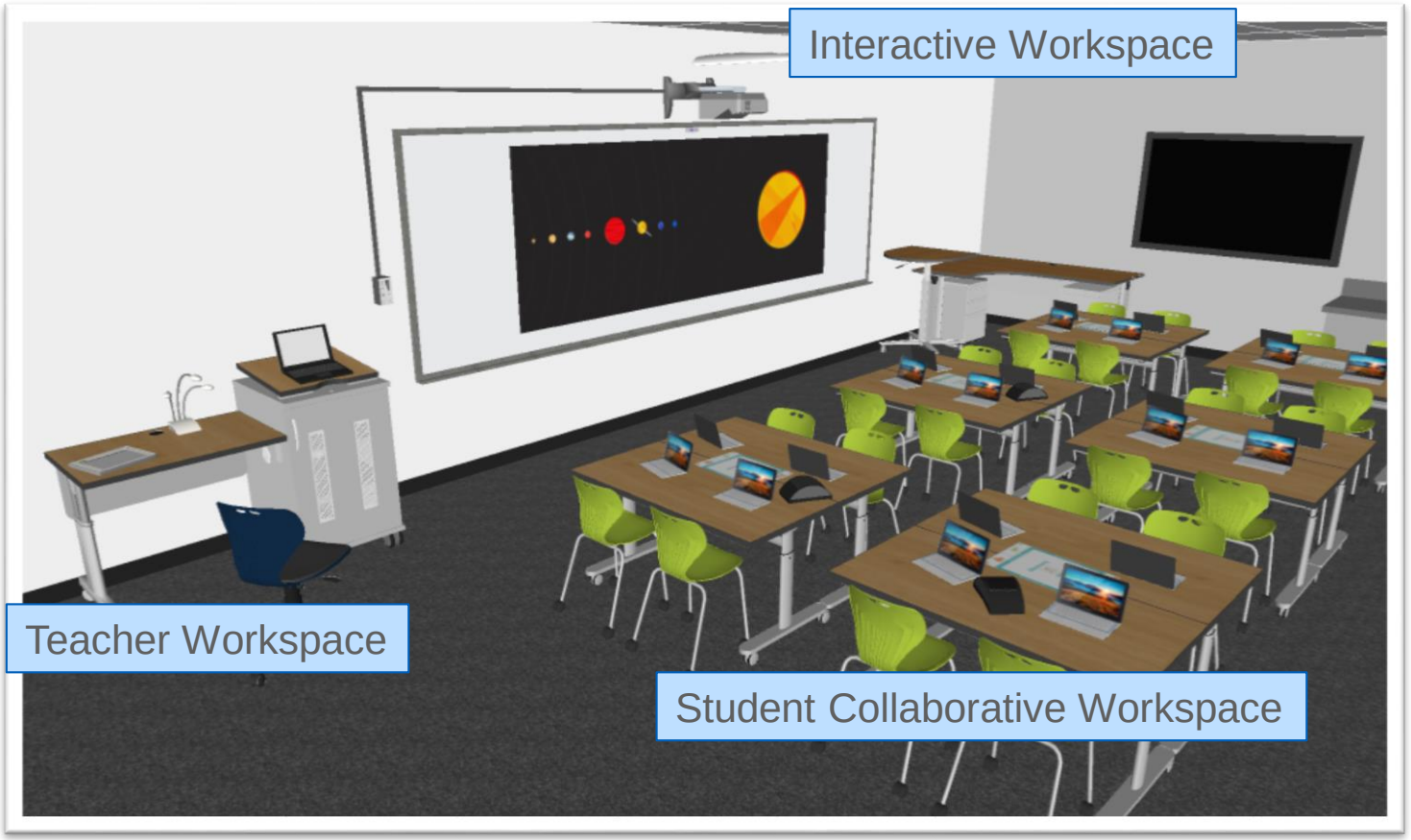
Finding What Works – How?

- 12 demonstration classrooms (K-8) between 9 school sites
  - 30+ hours of professional development
  - Instructional observations in demonstration rooms
  - Rotation of staff into rooms
  - Site specific whole staff demonstration and survey
  - Room surveys:
    - ✓ Students
    - ✓ Teachers
    - ✓ Administrators
    - ✓ Parents
    - ✓ Community Members



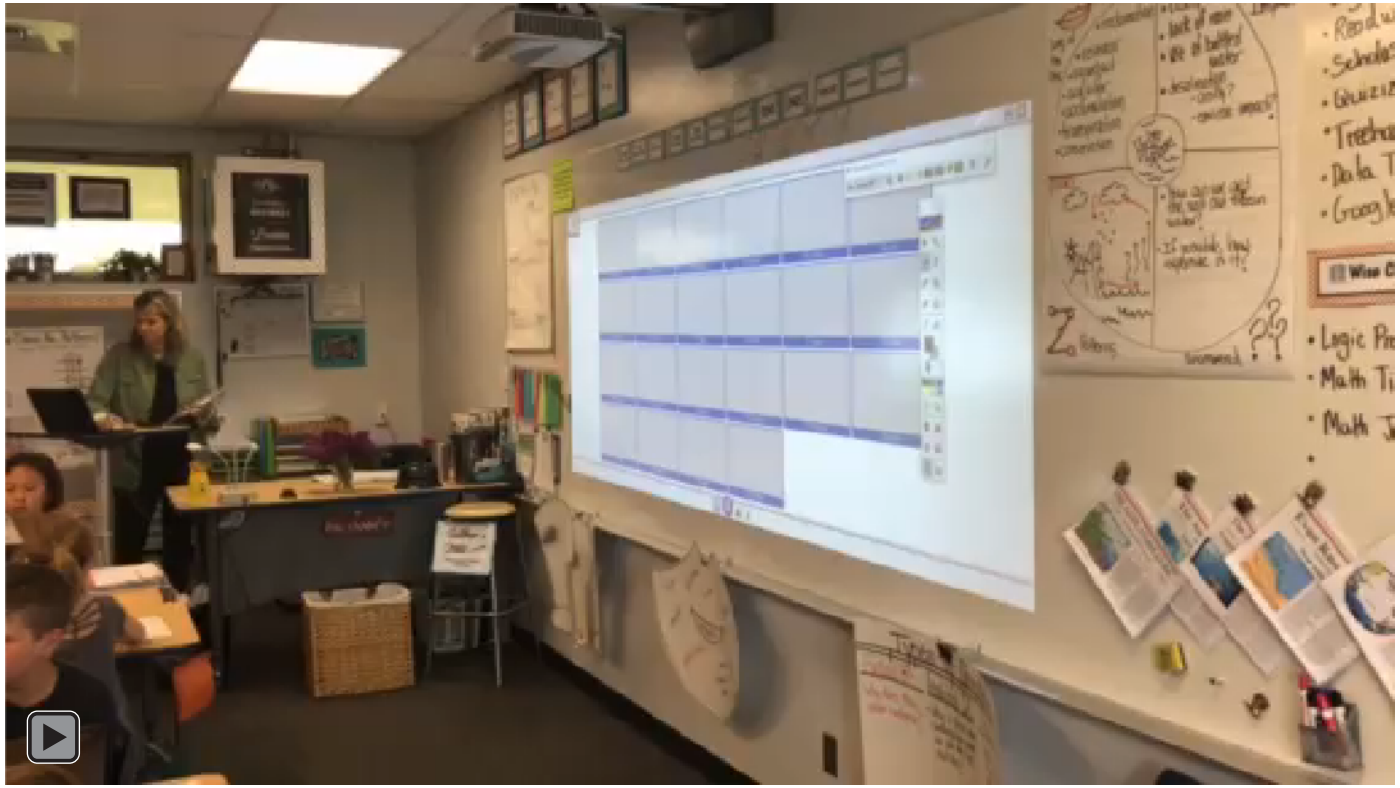
Developing a Model

Interactive Classroom Technology



Developing a Model

Interactive Classroom Technology Example

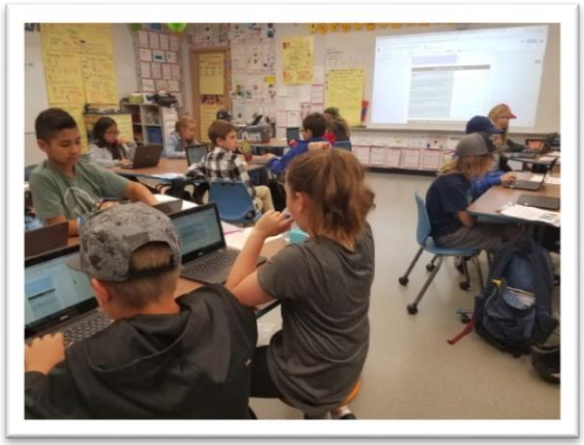


Developing a Model – What?

Flexible Furniture with the student in mind

Developing a Model – What?

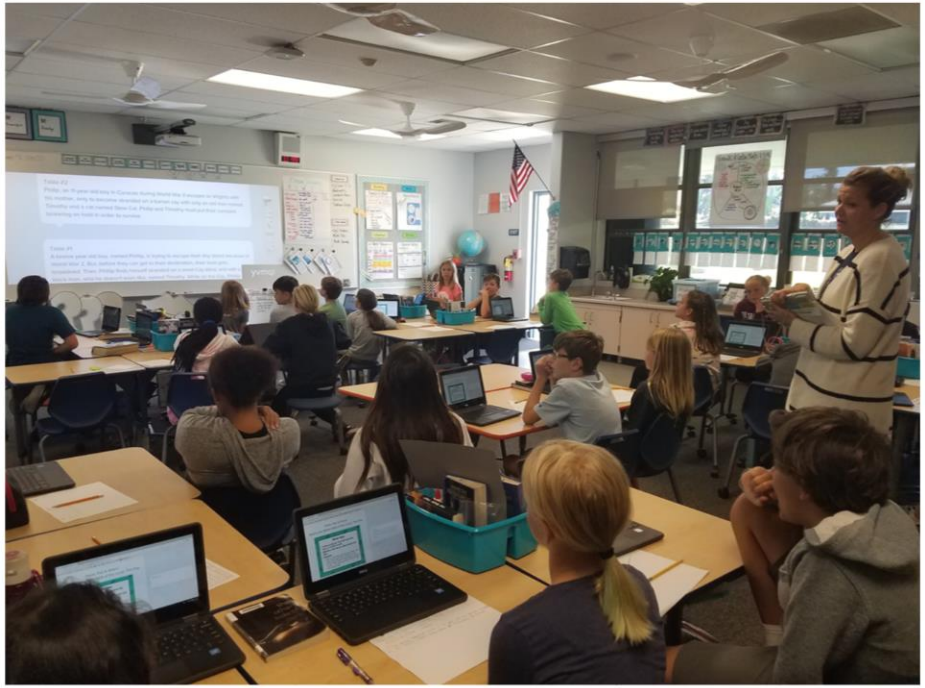
Flexible Furniture with the student in mind 5th Grade



Developing a Model

- Site specific whole staff interactive demonstrations and survey
- Room surveys: students, teachers, admin, parents and community members
- Staff meetings by grade-level and department
  - K-1 / 2-3 / 4-5 / 6-8 CORE / 6-8 Math
- Develop 1st Phase of Classrooms based on utilization & feedback
- 1st Phase: (K-5) Elementary School & (6-8) Middle School

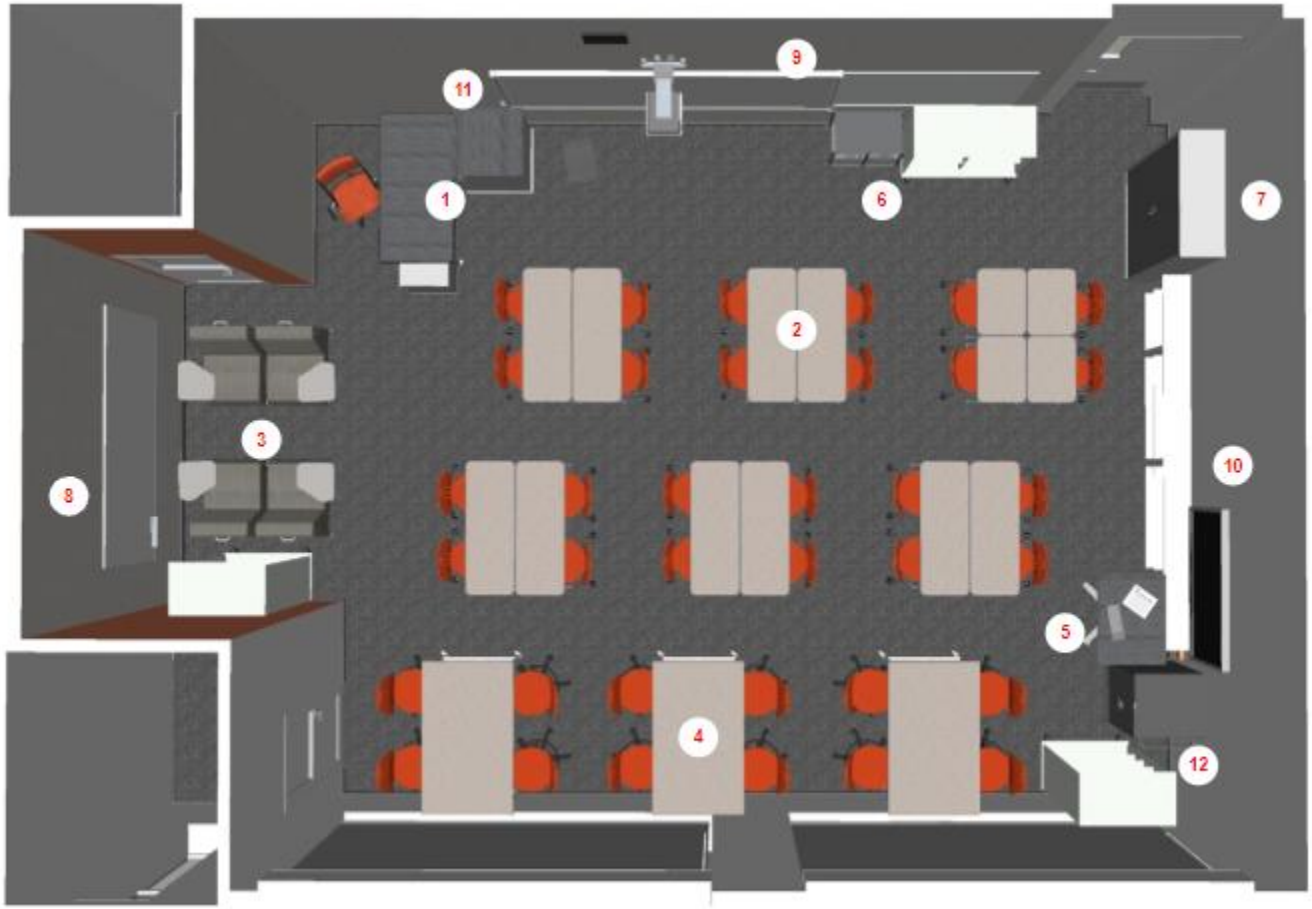
HBCSD Demonstration Classrooms



HBCSD Demonstration Classrooms

What's in the Rooms

Where did HBCSD land Example: Middle School Core Classroom



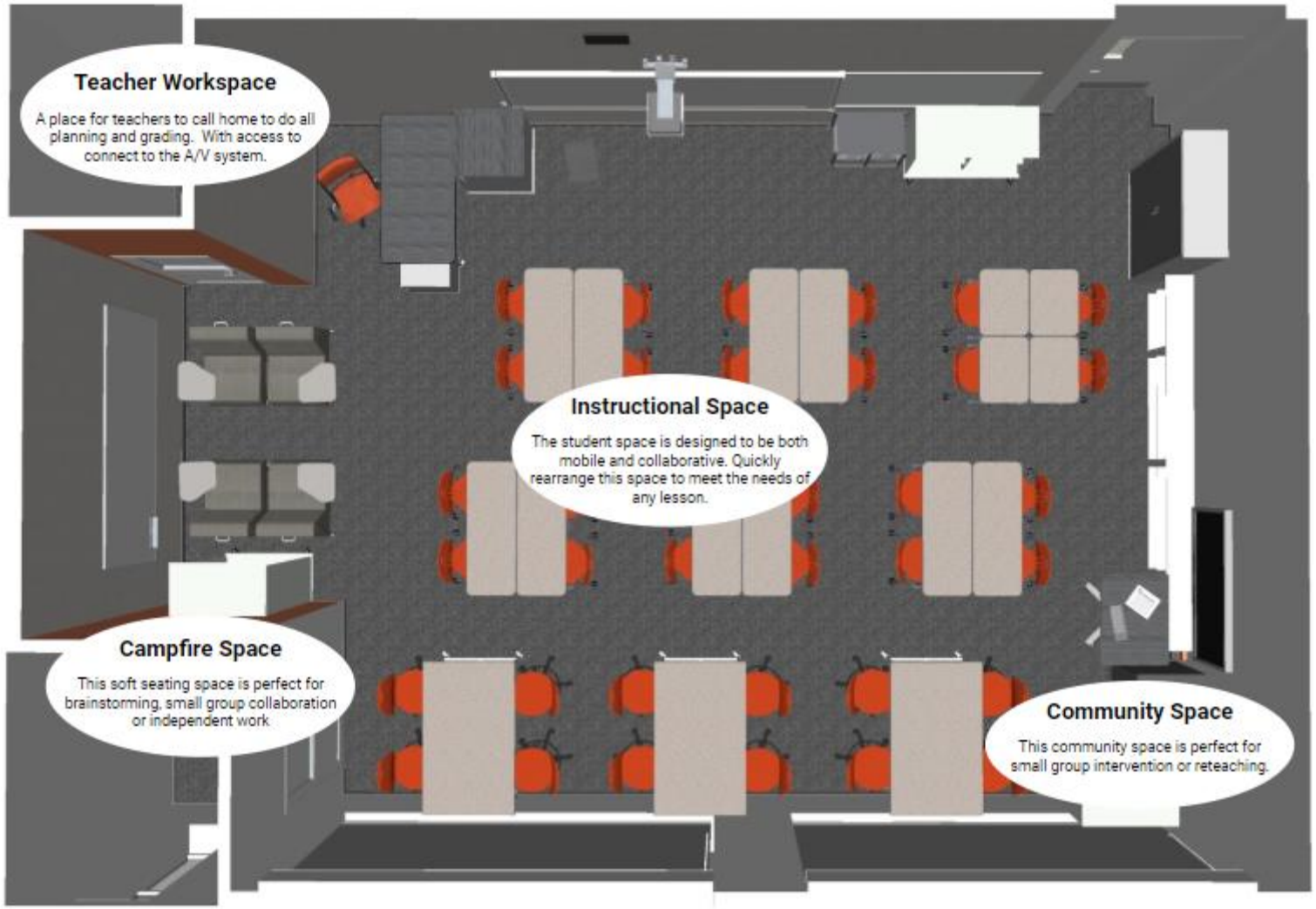
Furniture:

1. Teacher Desk & Shuttle
2. Flip & Nest Tables
3. Soft Seating
4. Tall Tables & Chairs
5. Mobile Teacher Station
6. Mobile Storage
7. Locking Storage
8. Glass Board

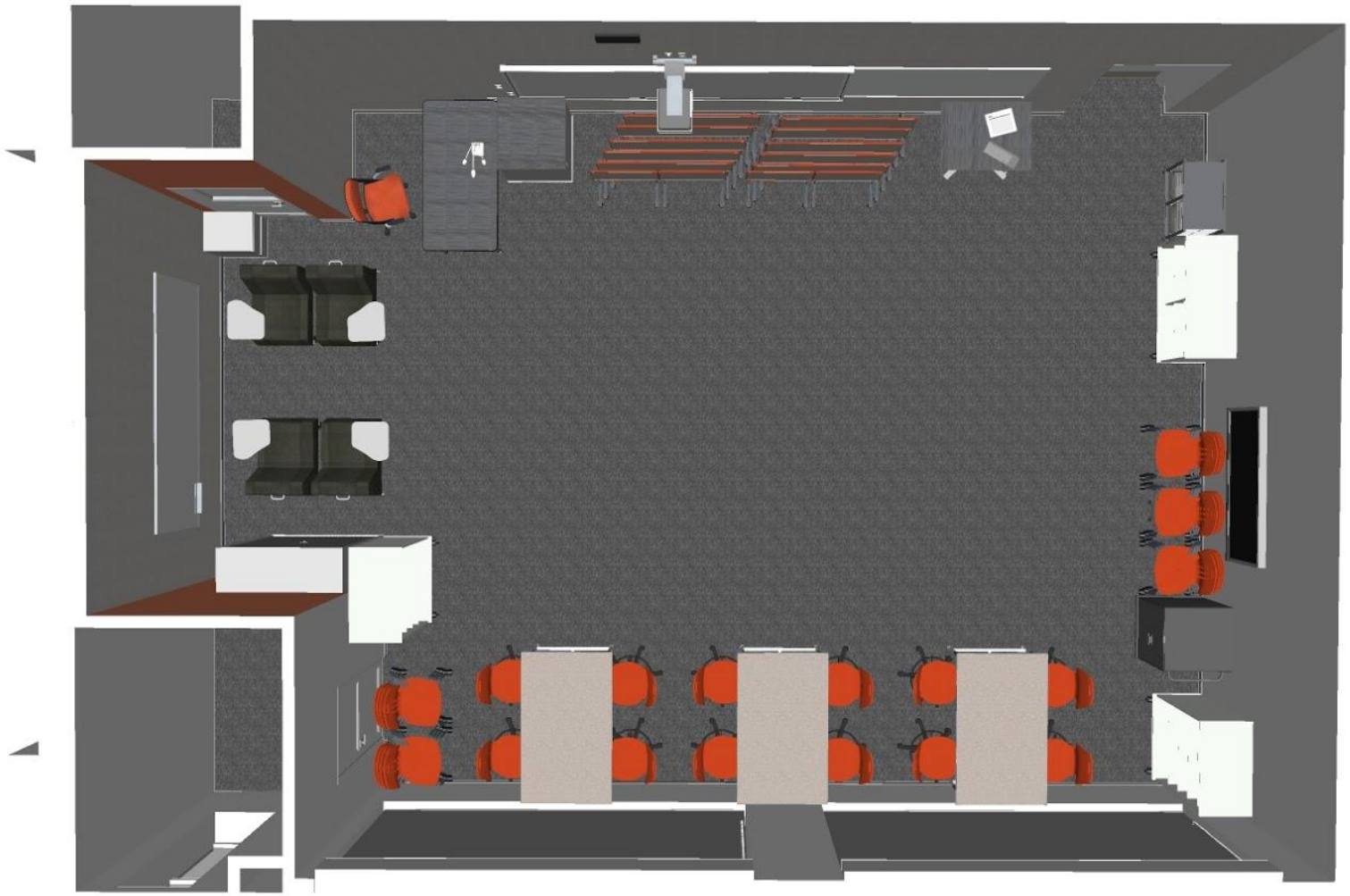
Technology:

9. MimioSpace Board
10. Interactive Flat Panel
11. AV System Control
12. Chromebook Cart

Dwyer Middle School



Mobile Furniture Helps Transform the Classroom



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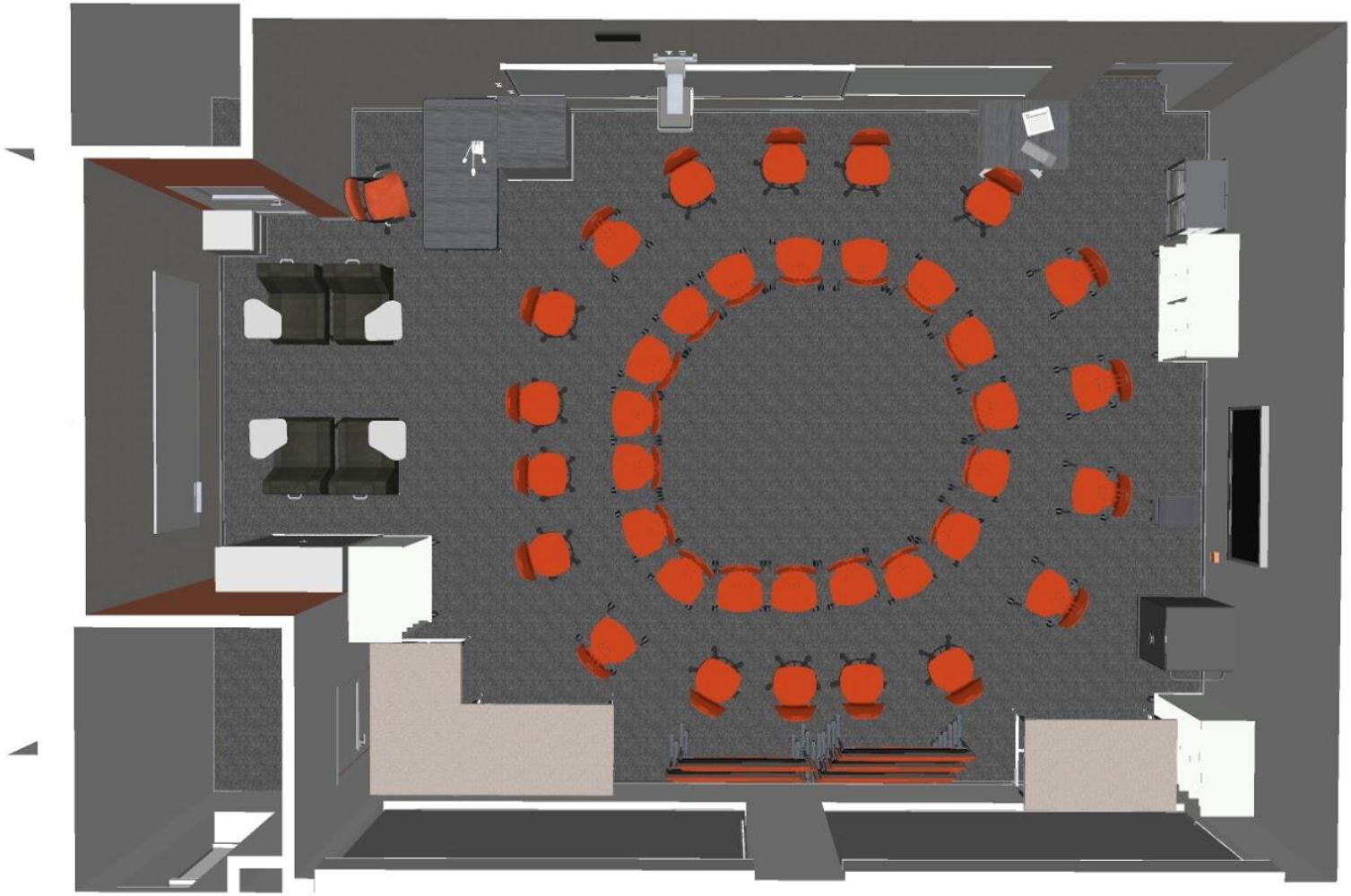

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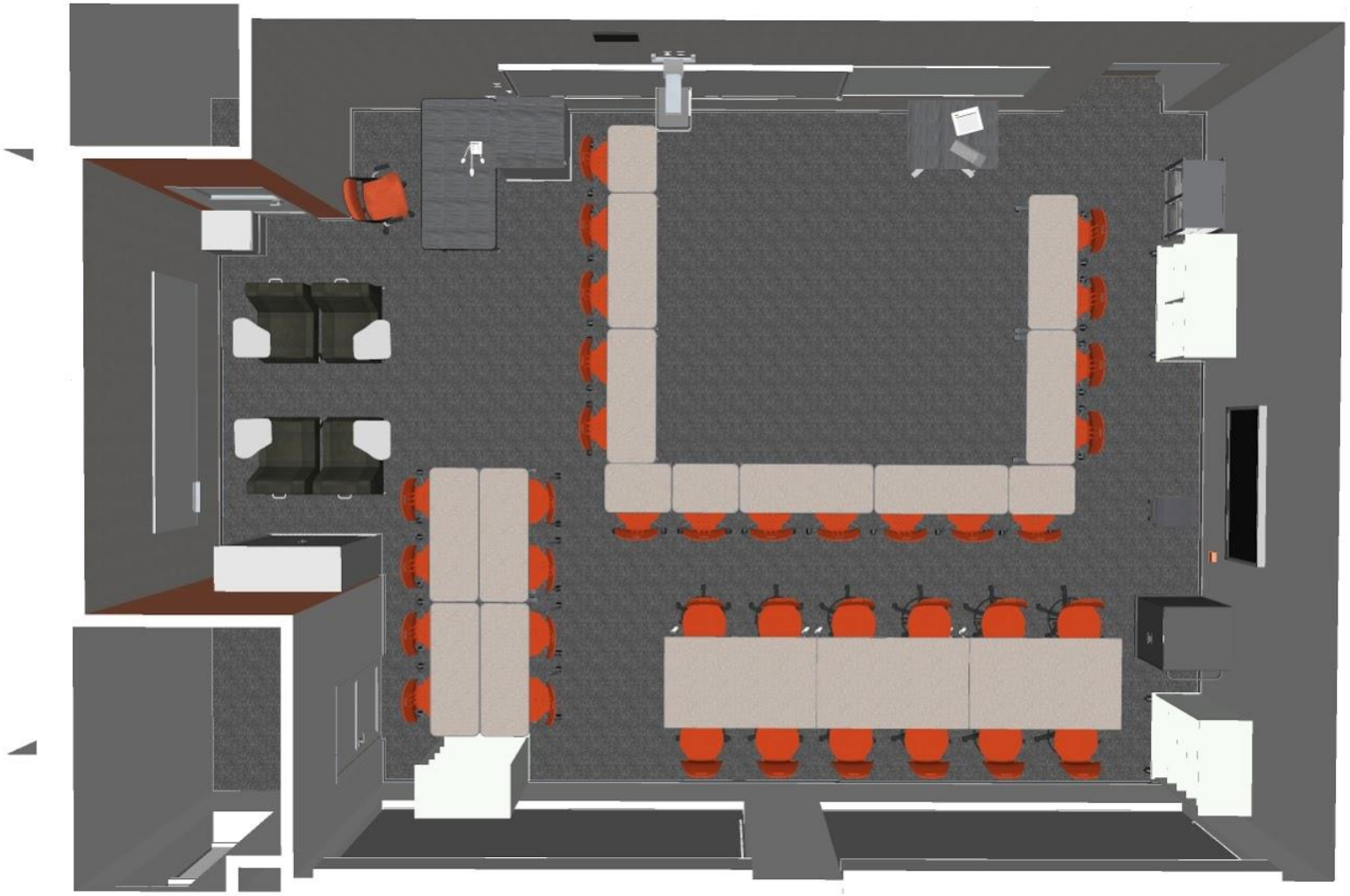

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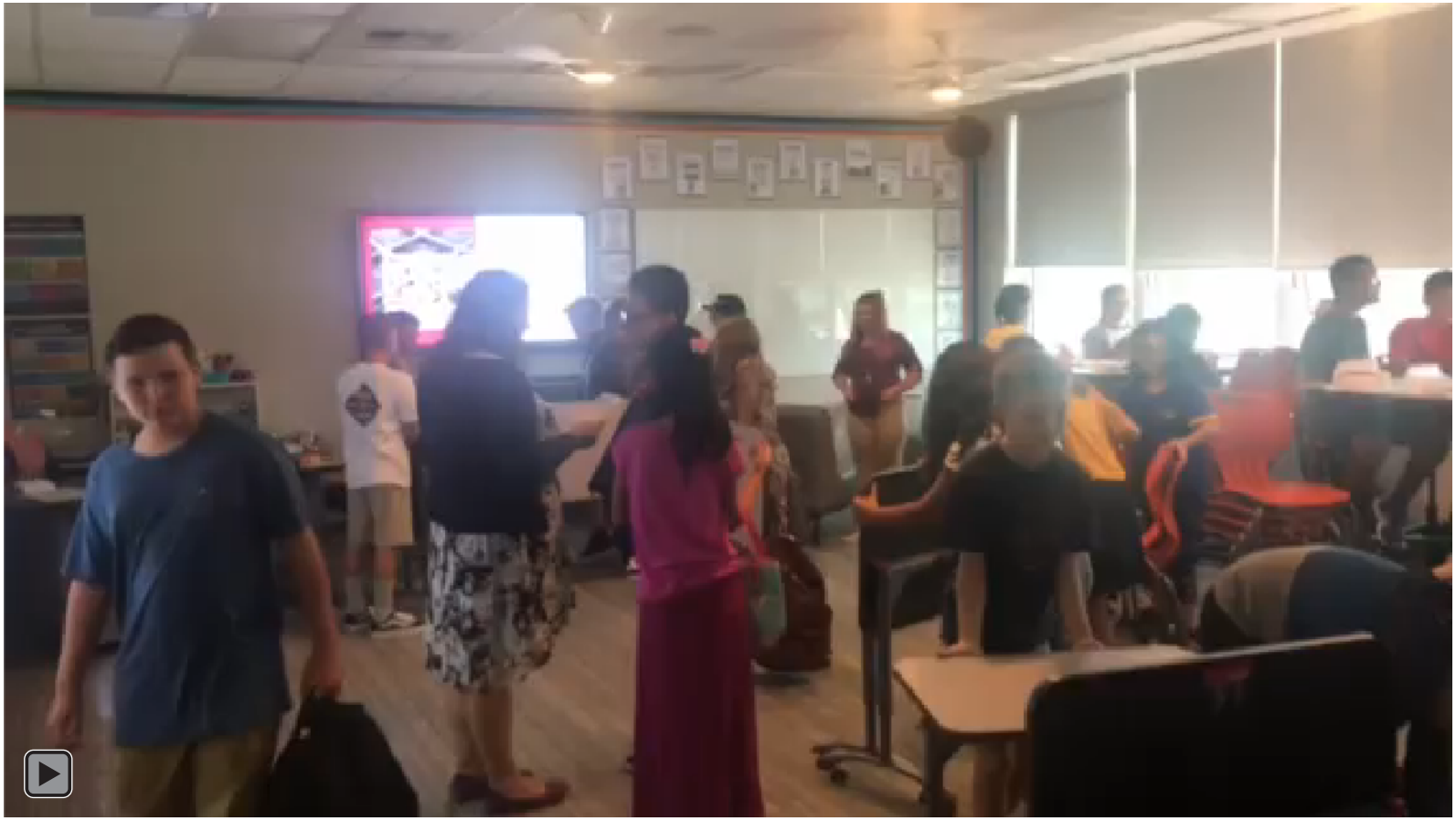


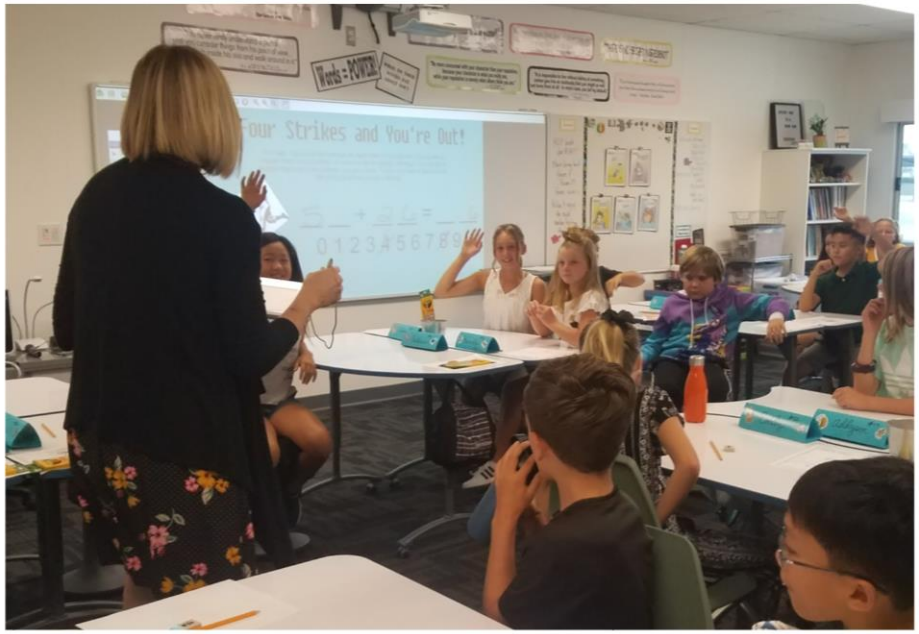
Dwyer Middle School

Dwyer Middle School - Math

Dwyer Middle School - Math

Dwyer Middle School – Art Room

Hawes Elementary School



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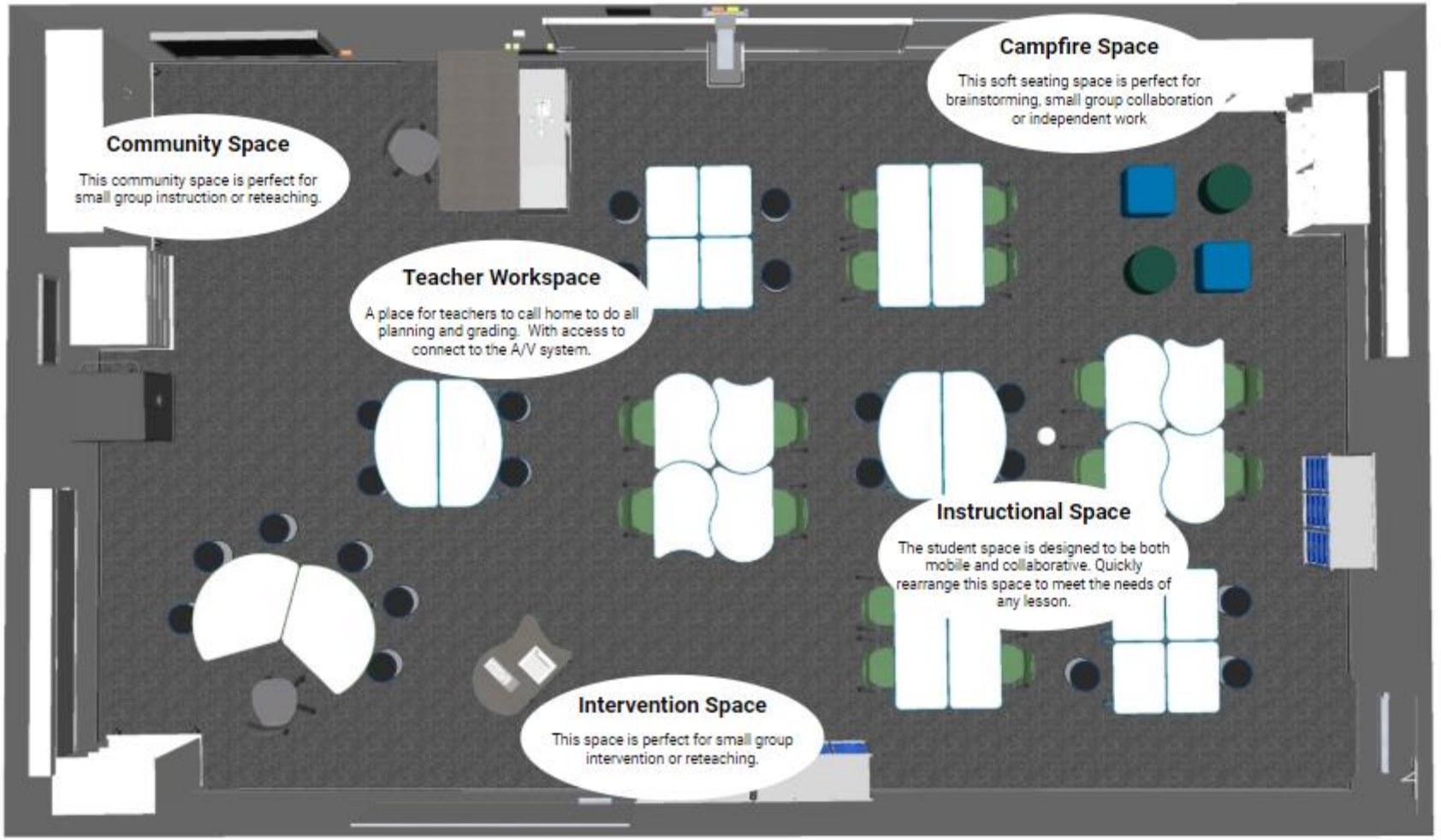

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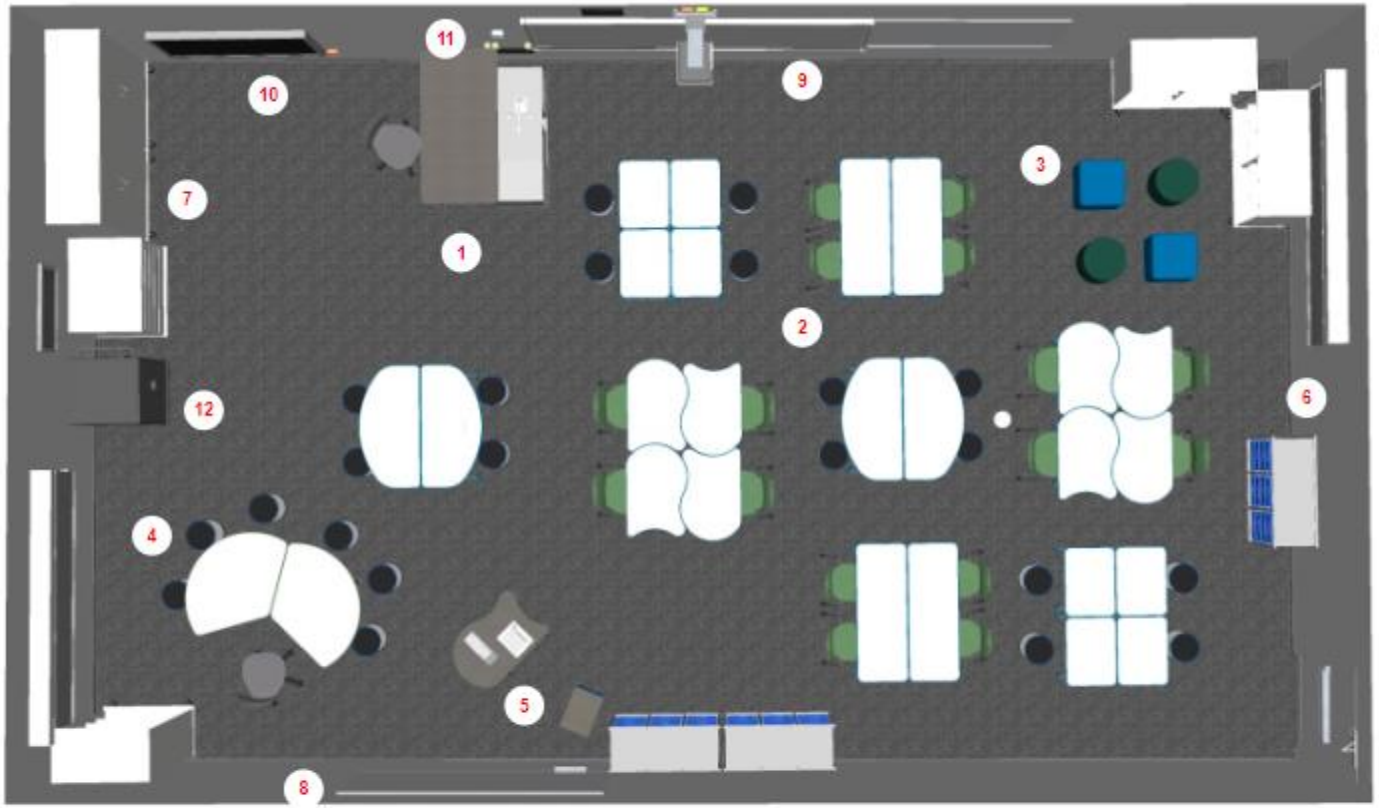

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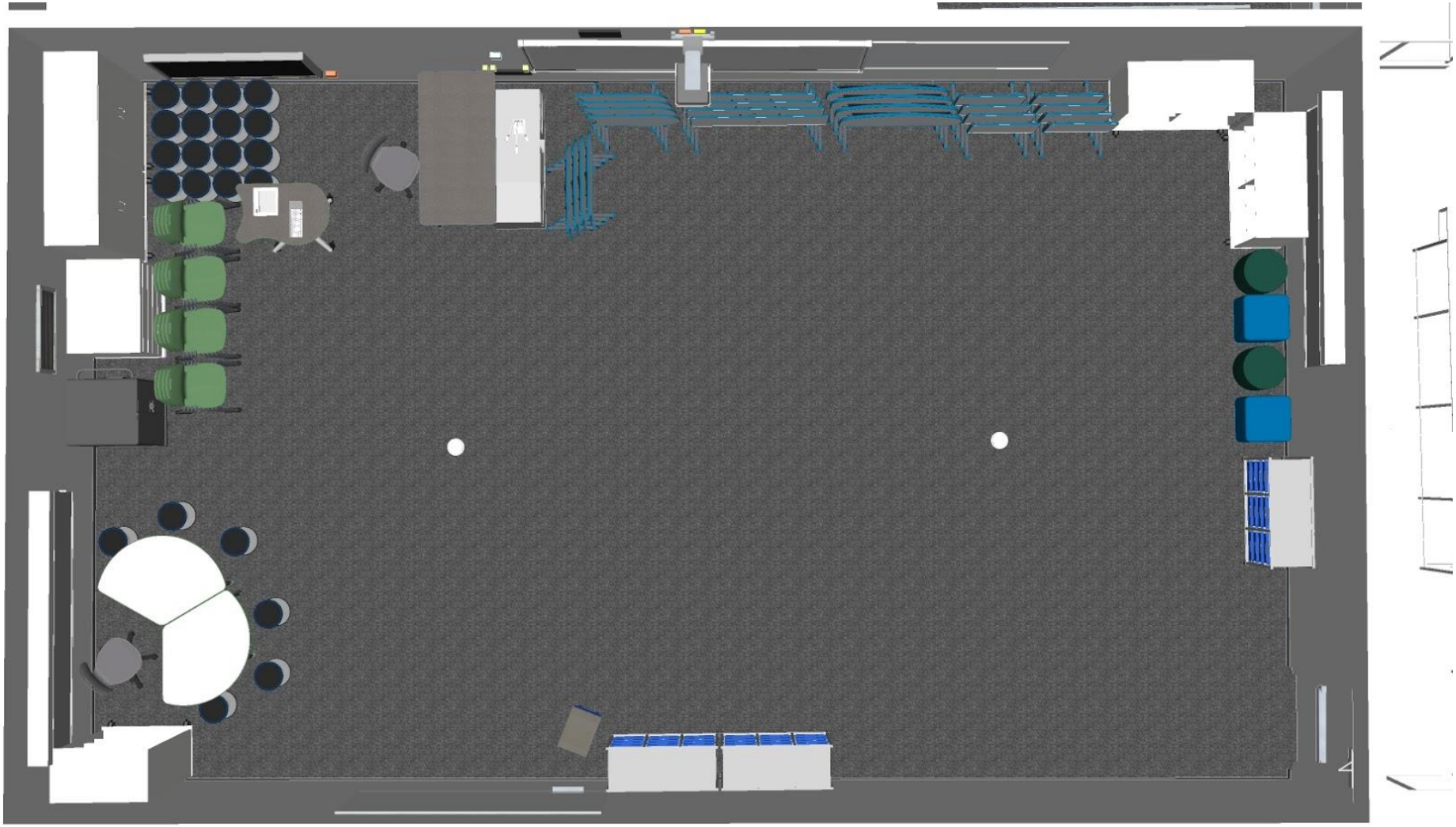

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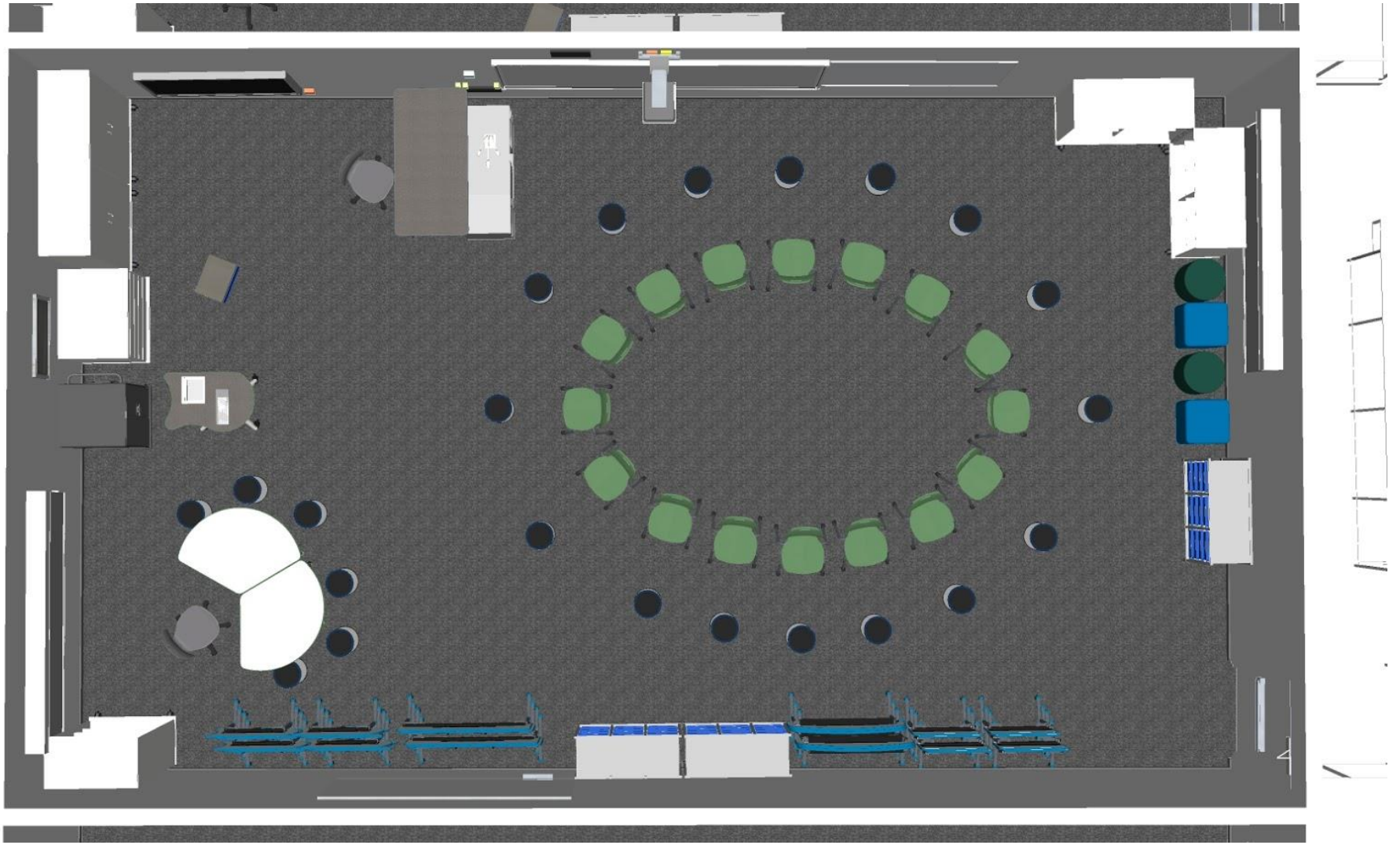

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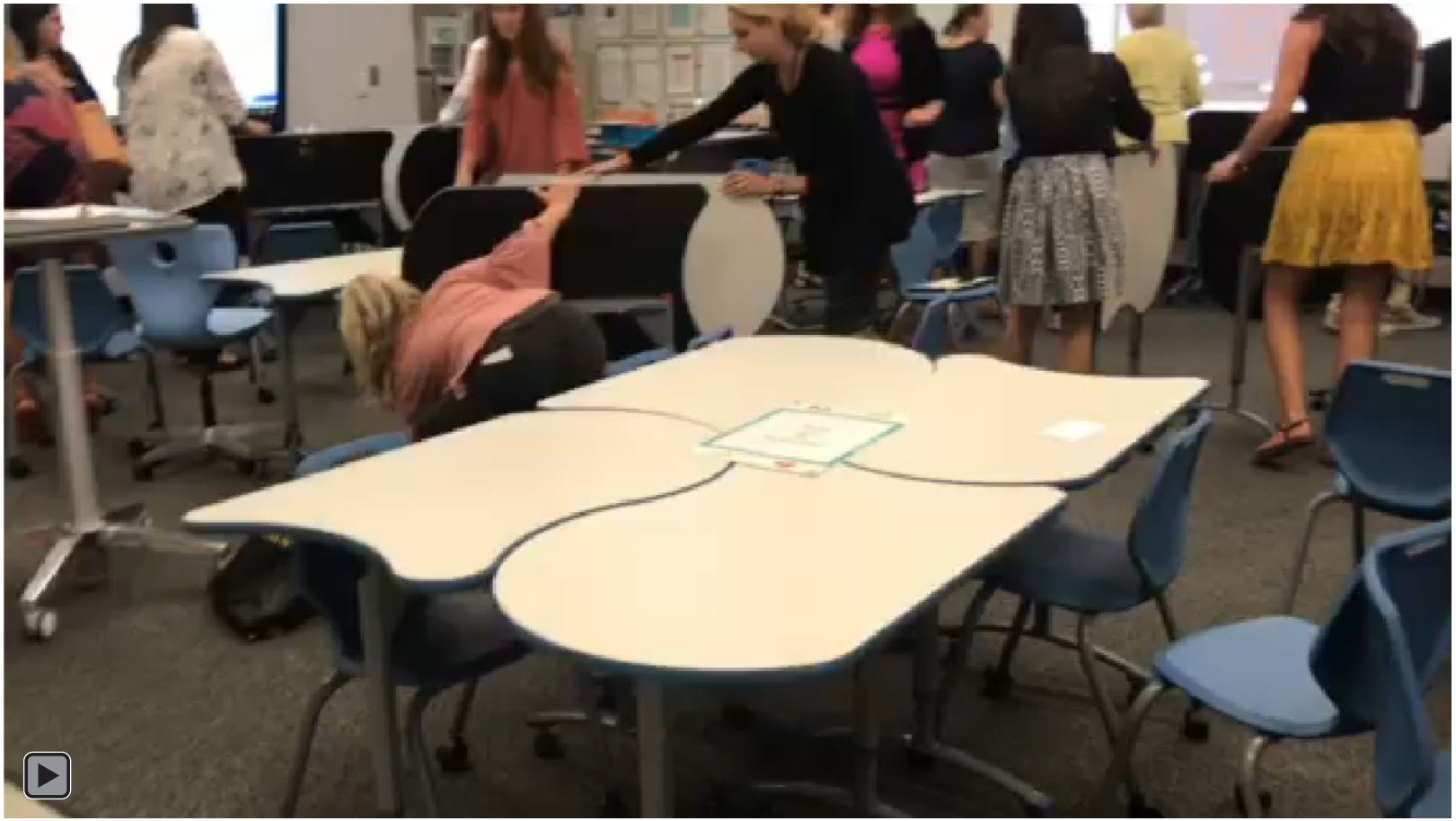


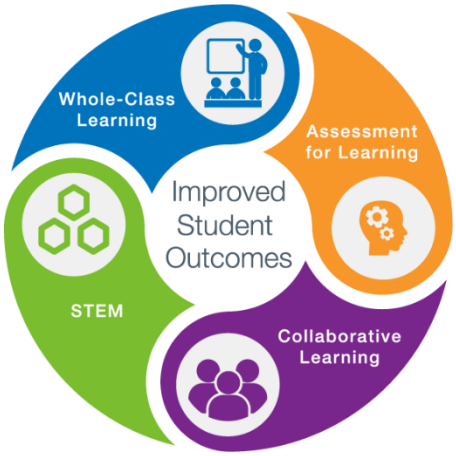
Fostering Learning vs. Hindering Learning

- In what ways can a learning environment foster learning?
- In what ways can it hinder learning?

Boxlight Webinar Series

Thank You!

Want to learn more about Boxlight's innovative solutions?



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