Functional and Flexible Spaces in Practice

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Session Agenda

EDspaces 2019 Learning Environment
  Functional and Flexible Spaces Overview
Active and Completed Projects
Questions & Answers
CULTIVATE. TRANSFORM. FLOURISH.
Research has proven that a well-designed physical space that connects students to the natural world can boost productivity and academic achievement. Our proposed classroom offers a rich integration of nature throughout the learning environment using biophilic-inspired design.

The room is organized into three distinct zones: the forest edge, the clearing, and the glen. Entering the room through the forest edge, guests will find a zone of soft seating elements, tactile tables, and interactive display boards, along with living walls of green plants complemented by a natural imagery backdrop. This multisensory space opens to the clearing at the center of the room where a variety of flexible seating, work surfaces, and media tools offer the ability to adapt the space for individual, small-group, and large-group learning. Integrated power throughout supports learners’ technology needs. The edge of the glen on the far side of the room features larger tables and a private group setting for students to engage away from the active learning flow in the center of the room. Materials throughout the space have been carefully chosen to support focus, learning, and well-being by mimicking natural environments and making connections to our natural world.
61’x 59’ Classroom

Capacity 108 Students

THE GLEN

THE CLEARING

THE FOREST
61' x 59' Classroom

Capacity 108 Students

THE GLEN

THE CLEARING

THE FOREST
Large-scale Green Wall Triptych graphically introduces nature into the learning environment.

Beach Stone Lounge Seating offers cascading organic forms with multiple seating heights to promote different ways of working.

Space Chicken Laptop Tables work with Beach Stones to support working with digital devices.
Nature Shelves bring greenery into the classroom, providing an engaging way for students to follow the evolution of plant life.

Gear Guard Tables provide captured, raised surfaces to support student-created organic Zen gardens.
Indie Lounge Seating creates low-level organic platforms with rocking seat elements that promote movement and informal collaboration.

Mobile Totems extend soft seating elements further into the Clearing, offering mobility and student choice.

Kite Mini Mobile Tables are reconfigurable and offer a higher-level work surface, allowing sight lines to the primary monitor and speakers.

Rolling Easels with reconfigurable tile system inspire team creativity and cultivate group collaboration.
The Elemental Table System provides the core feature of the Clearing.

Mobile, reconfigurable table system supports collaboration and multiple group sizes.

Whiteboard laminate tops help students graphically share ideas.

Wave form promotes organic aesthetic.

Multiple monitors throughout the space allow digital content to be easily shared, and create smaller working zones.
The Clearing promotes flexibility and student choice through multiple seating options and mobile surface elements.

Hierarchy Tablet Chairs are satellite elements that move through the space during the day.

Height-adjustable Grow Stools support different seating heights. Wobble action base allows for student movement.

Mobile Theorem Chairs pair with Elemental Tables and offer two seating positions.
Under-floor, low-profile Connectrac power system provides power throughout the space.

Freestanding Powerball units work with Connectrac system to support digital learning.

Cascade storage elements provide mobile solutions to multi-zone storage needs.
The Glen provides spaces for smaller groups to engage away from the Clearing.

Mobile Planner Studio Tables offer rustic butcher block tops to support more robust making activities.

Nature shelves create biophilic dividers.

Bebop stools promote playfulness and movement.

Green Wall Panels graphically introduce nature into the learning environment.
THE GLEN

Connect Lounge Seating provides tiered seating levels to aid with sight lines and support small-group collaboration.

Mix Stools pair with higher level surfaces to allow students different ways of sitting throughout the day.
THE CLEARING – PRODUCT SOLUTIONS

MIX STOOLS

POWERBALL
POWER UNITS

mcSQUARES ROLLING EASELS

MINI MOBILE TABLES

OTTOMAN

TRIANGLE POUF

INDIE ROCKER

INDIE SINGLE SEAT

INDIE LOW TWO SEAT ELBOW

mcSQUARES ROLLING EASELS

MINI MOBILE TABLES

OTTOMAN

TRIANGLE POUF

INDIE ROCKER

INDIE SINGLE SEAT

INDIE LOW TWO SEAT ELBOW
MOBILE THEOREM SEATING

MOBILE ELEMENTAL CRESCENT TABLES

MOBILE TOTEM STOOLS

MOBILE TOTEM STOOLS

HIERARCHY GROW STOOLS

BEBOP STOOLS

THE CLEARING – PRODUCT SOLUTIONS
THE GLEN – PRODUCT SOLUTIONS

PLANNER STUDIO MOBILE TABLES WITH BENCHES

CONNECT MODULAR LOUNGE WITH CURVED HIGH BACK AND STAND UP SURFACE

PLANNER STUDIO BENCHES – SINGLE & DOUBLE
VENDOR PARTNERS
Driving Principles

Flexible - spaces that are AGILE and PERSONALIZED.

Nurture – creating an environment that is SAFE and POSITIVE.

Nature – access to the OUTSIDE and DAYLIGHT.
Hartford - 4K / 5K Classroom Pod
Pulaski Community School District

Collaboration, creativity and makerspace.

Drive excitement and support for district wide improvements

Collaboration
Grades 6-12

Pilot classrooms
6 classrooms per year over next 4 years

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Design tools helped generate discussion and concept direction.

Flexible Seating Classroom
Creative Space
Grades 4-5

Environments that foster learning opportunities

Priority for flexibility

28’ x 32’
Makerspace

Grades K-3

All spaces: Designed with no defined front of room

Next Steps: Testing usability and experience within each space

28’ x 30’

Pulaski Community School District
Wauwatosa - Classroom / Collaboration Space
Wauwatosa - Classroom / Collaboration Space
Pilot classroom for school district

Provide direction for future remodels within district

Flexible Space

Easy to reconfigure

Easy to navigate

Grade 3

30' x 30'

Jefferson Elementary, Wauwatosa SD
Space promotes small group collaboration

Multiple seating solutions provide student choice

STEM / Maker activities

Jefferson Elementary, Wauwatosa SD
Rug area provides touch down point at start of day

Lessons held in this area

Floor based learning

Mobile Storage
Height adjustable stools promote movement

Allows for multiple surface heights

Tote tray supports student movement from desk to desk
Integrated Proprietary Product to support multiple activities

Gear Guard Table

Mobile Build N Write Board

Mobile Storage

Jefferson Elementary, Wauwatosa SD
Next Steps:
Testing usability and experience within space
Applying those learnings to future spaces

Jefferson Elementary, Wauwatosa SD
Sauk Prairie - Collaboration Space
Sauk Prairie - Collaboration Space
Roosevelt Elementary School, Wauwatosa SD
Add mobility and flexibility to space

Open up space and improve sightlines

Create a fun and engaging environment
Carrying color throughout the interior

3D Visualization utilizing Revit

Roosevelt Elementary School, Wauwatosa SD
Low level mobile shelving

Making best use of natural light

Face out - flip through browsing

Incorporated existing furniture

Roosevelt Elementary School, Wauwatosa SD
Roosevelt Elementary School, Wauwatosa SD

Low level browser boxes help maintain open space

Integrated modular seating

Dedicated story time area
Face out display on end panels

Carrying color throughout the interior

Seating to provide choice and promote movement

Roosevelt Elementary School, Wauwatosa SD
Class area to support 30 students (K-5)

Located near natural light

Heating system update created additional space

Roosevelt Elementary School, Wauwatosa SD
Multi-purpose space

Forward thinking design lab

Utilizing underused space

Jefferson Elementary, Wauwatosa SD
Collaborative Seating

Supporting multiple groups & functions

Students, staff, PTA, community meetings

Jefferson Elementary, Wauwatosa SD
Providing Student choice

Supporting multiple types of collaboration

Designed to maintain clear traffic routes

Jefferson Elementary, Wauwatosa SD
Reedsburg - Collaboration Space
Reedsburg - Collaboration Space
New Makerspace

Combined two existing classrooms into one space

Created dedicated entrance to Media Center

Flexible space to support variety of making activities

Bay View Middle School
Bay View Middle School

Collaborative technology

Multiple working heights

Butcher block worksurface

Graphical wall surface elements
Bay View Middle School

Dedicated entrance to library space added

Collaborated with Interior Designer on wall and floor finishes
Increased student engagement

Spaced changed the way students learn

Students with behavioral challenges experience less when engaged in maker activities within space.
Bay View Middle School

Showcase space for district

Other districts visit and tour the space
art/break out room
commons/break out
maker space
Utilizing underused space

Energizing older interior

Madison Metropolitan School District
Three spaces
Common Reading Area
Common Reading Lounge
Flexible Seating Reading Lounge
Grades 6, 7, 8
Fun, flexible spaces
Creating spaces where students want to be
Common Reading Area
Variety and student choice
Small group collaboration
Mobile storage

Hampton City Schools
Hampton City Schools

Common Reading Lounge
Informal lounge seating
Floor based learning and collaboration
Maintained perimeter circulation
Flexible Seating
Reading Lounge

Areas for small group instruction

Flexible seating design tool inspired space

Hampton City Schools
questions and answers
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