

EDU 2.0



CONNECTED™

BRETFORD®



Designed and Manufactured in the USA

ON THE COVER

EXPLORE® Flip and Nest Collaborative Table
with Juice® Power System, EXPLORE® Chair



**EDUCATION IS
CHANGE.
IT'S LEARNING
NEW THINGS
AND EXPLORING
THE UNEXPLORED.**



TODAY'S STUDENTS
EXPLORE
DIFFERENTLY THAN
IN THE PAST.

They grew up looking at screens, not books.
They use the internet, digital devices
and each other.



Page 2:
MOTIV™ Modular Soft Seating with Power, MOTIV™ Occasional Table,
EXPLORE® Pedestal Base Café Table and EXPLORE® Chair

Page 3:
MOTIV™ Modular Soft Seating with Power, MOTIV™ Power Bridge
and MOTIV™ Occasional Table

THE NEW MODE OF LEARNING IS SOCIAL,



EXPLORE® 4-Leg Teaming Table with Juice® Power System,
EXPLORE® Chair, MOTIV™ Freestanding Soft Seating



AND IT'S ENERGIZED BY TECHNOLOGY.



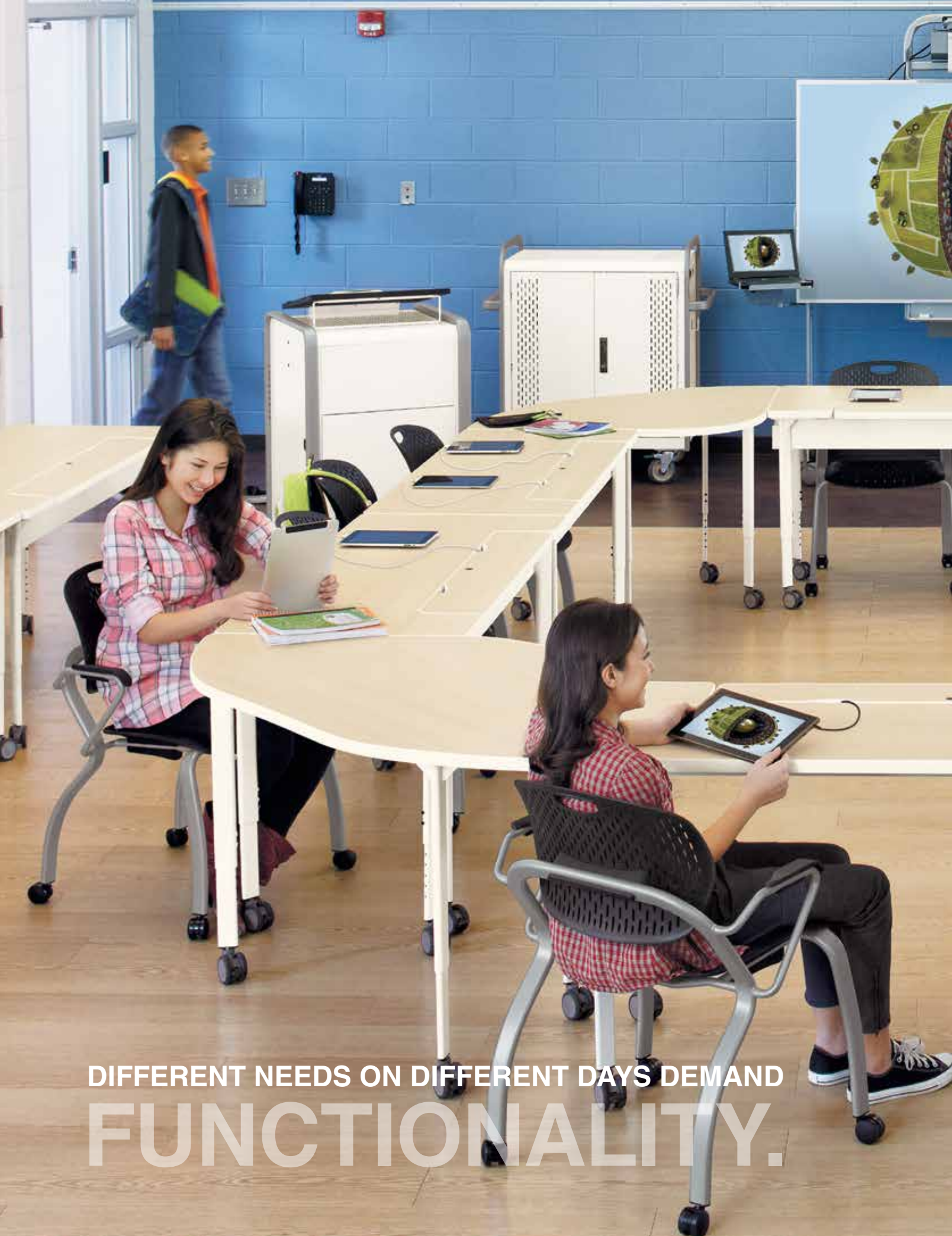
EDUCATIONAL SPACES
ARE CHANGING, TOO,
GEARED TOWARD THIS

**SOCIAL
APPROACH.**

Spaces big and small are designed as communal hubs, where furniture is moved and rearranged depending on situation and setting.



EXPLORE® 4-Leg Sixth Round Activity Table, EXPLORE® Chair, MOTIV™ Freestanding Soft Seating, MOTIV™ Occasional Table, EXPLORE® 4-Leg Quarter Round Activity Table, Pulse™ Cart



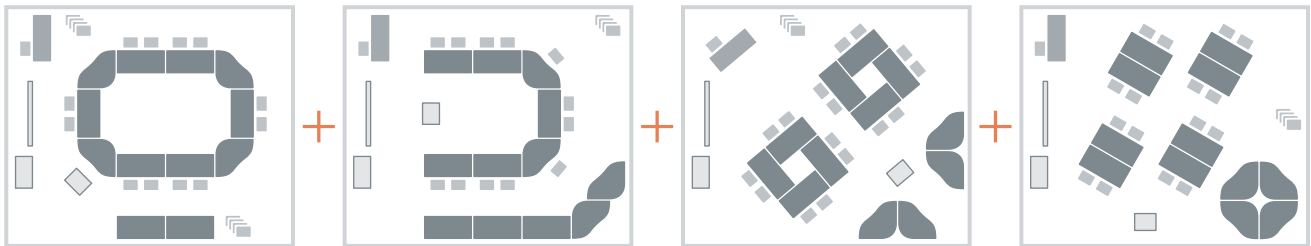
DIFFERENT NEEDS ON DIFFERENT DAYS DEMAND
FUNCTIONALITY.



EXPLORE® 4-Leg Voltea Computer Table with Fluid Down Power System, EXPLORE® 4-Leg Activity Table Quarter Round, EXPLORE® Chair, EXPLORE® Mobile Interactive Whiteboard, EXPLORE® Instructor Tech Desk with Fluid Up Power System and Rack Mount Charger Shelf, EXPLORE® Presentation Shuttle, Pulse™ Cart

TO SUPPORT THE 21ST CENTURY STUDENT...
EDUCATIONAL SPACES NEED TO
BE FLEXIBLE.

1 ROOM OF EDU 2.0 = ENDLESS WAYS TO LEARN







EXPLORE® 4-Leg Activity Table Sixth Round,
MOTIV™ Freestanding Soft Seating with Tablet and Power,
MOTIV™ Occasional Table, EXPLORE® Chair



BECAUSE THERE'S MORE
THAN ONE WAY TO LEARN.

TACTILE
VISUAL
AUDITORY

VERBAL

EXPERIENTIAL

LOGICAL

SOCIAL



MOTIV™ Freestanding Soft Seating



EDUCATIONAL SPACES ARE, MORE
THAN EVER, COLLABORATIVE ROOMS.

PLACES TO
THINK OUT
LOUD.

AND BECAUSE OF THE POWER AND REACH
OF MOBILE DEVICES, STUDENTS HAVE
MORE TOOLS THAN EVER TO

CONNECT. TO TEACHERS TO LESSONS TO EACH OTHER



EXPLORE®
Presentation Shuttle



EXPLORE® Mobile
Interactive Whiteboard



EXPLORE® 4-Leg SCALE-UP
Active Learning Table



Pulse™ Cart



EXPLORE® 4-Leg SCALE-UP Active Learning Table with Juice® Power System, EXPLORE® Mobile Interactive Whiteboard, EXPLORE® Presentation Shuttle, Pulse™ Cart, EXPLORE® Chair

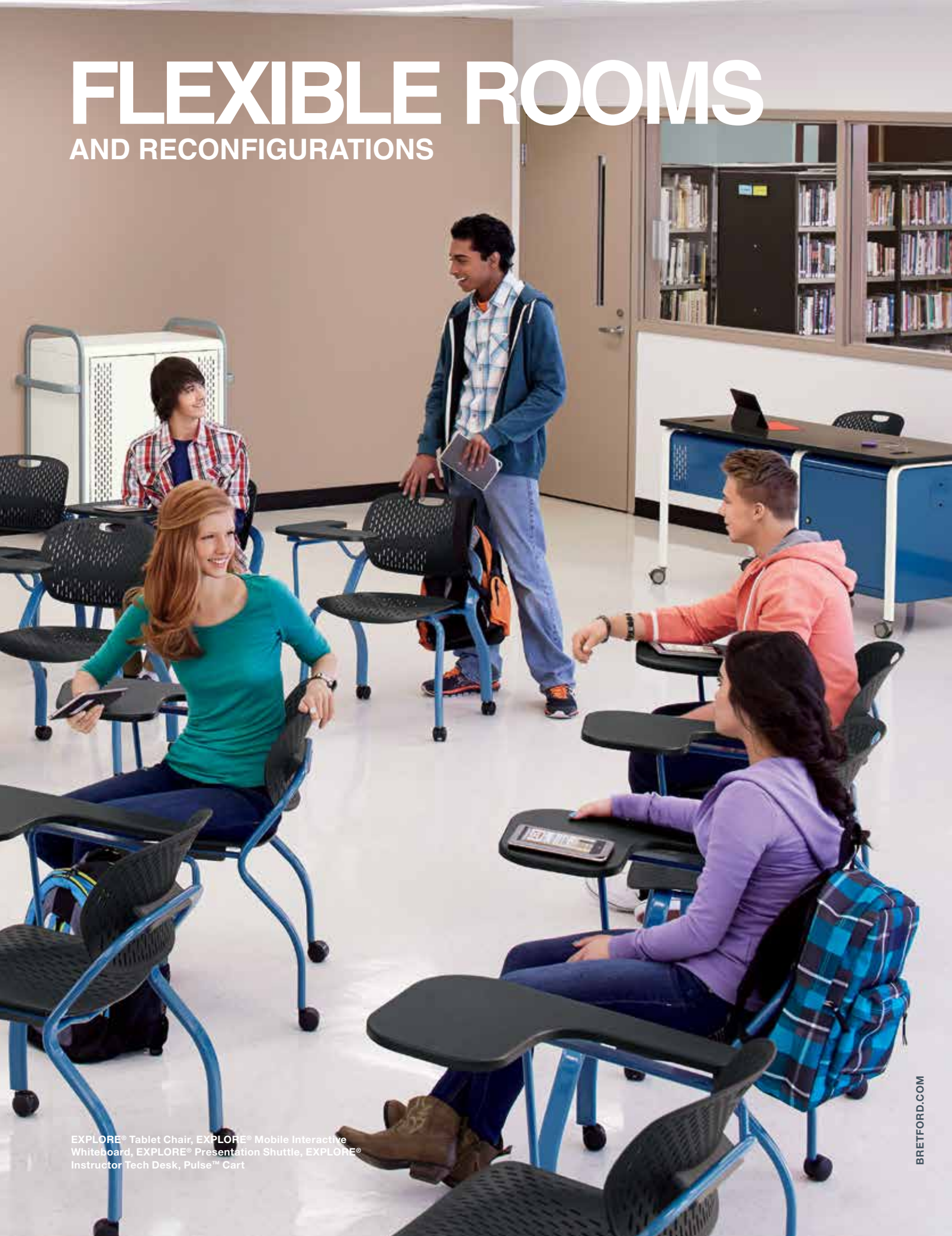


TO MORE OPTIONS

TO NEW WAYS OF
LEARNING TO

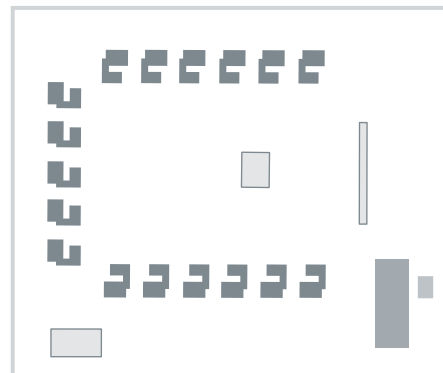
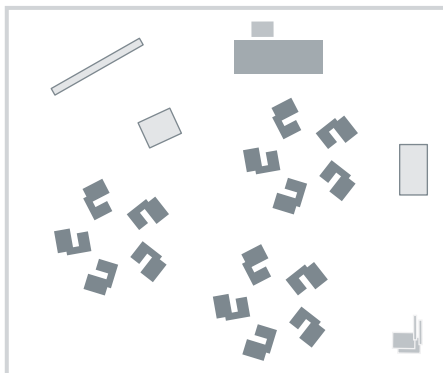
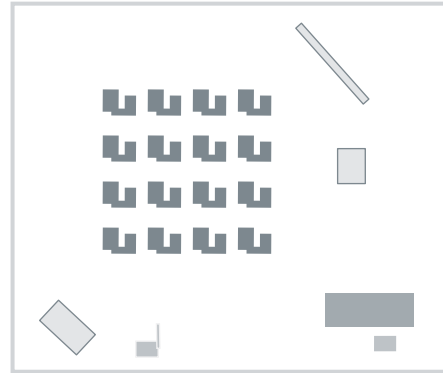
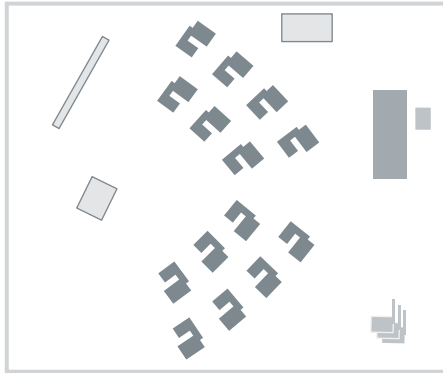
FLEXIBLE ROOMS

AND RECONFIGURATIONS



EXPLORE® Tablet Chair, EXPLORE® Mobile Interactive Whiteboard, EXPLORE® Presentation Shuttle, EXPLORE® Instructor Tech Desk, Pulse™ Cart

DIFFERENT NEEDS ON DIFFERENT DAYS DEMAND MULTIFUNCTIONALITY.



IN THESE STUDENT SPACES.
THE FURNITURE NEEDS TO BE CHANGEABLE.
**TO BE AGILE AND
ON THE MOVE.**



EXPLORE® T-Leg Collaborative Laptop Table with Juice® Power System, EXPLORE® T-Leg Computer Table with Fluid Down Power System, EXPLORE® Presentation Shuttle, EXPLORE® Mobile Interactive Whiteboard, Pulse™ Cart and EXPLORE® Chair




THIS IS MORE THAN A TABLE.

IT CONNECTS STUDENTS
TO TECHNOLOGY
TO NEW IDEAS
TO CREATIVITY
TO THE WORLD



EXPLORE® Flip and Nest Collaborative Table with Juice® Power System, EXPLORE® Chair, EXPLORE® Mobile Interactive Whiteboard, EXPLORE® Presentation Shuttle, Pulse™ Cart, EXPLORE® Instructor Tech Desk with Fluid Up Power System, EXPLORE® Mobile File Storage Ped, EXPLORE® Pedestal Base Café Table with Power Dome, EXPLORE® Stool



Students connect to new ideas at different speeds. And the teachers and students connect in different ways, too.



THE CLASSROOM
EXPERIENCE IS NO
LONGER PASSIVE.

WE DESIGN TO SUPPORT THIS
ACTIVE SHARING OF
KNOWLEDGE AND EXPLORATION.
SO PEOPLE CAN MOVE – AND STILL

STAY CONNECTED.



EXPLORE®
Pedestal Base Café Table
and EXPLORE® Stool



EXPLORE®
4-Leg Sixth Round
Activity Table



MOTIV™
Highback Sofa



EXPLORE®
4-Leg Teaming Table

EXPLORE® Chair, EXPLORE® Mobile
Interactive Whiteboard, EXPLORE®
Pedestal Base Café Table, MOTIV™
Freestanding Soft Seating



TO INFORMATION.
TO TECHNOLOGY.
TO EACH OTHER.

STUDENTS ARE UNDENIABLY INTERACTIVE.

ONE-TO-ONE, ONE-TO-MANY, MANY-TO-MANY.



EXPLORE® Pedestal Base Café Table, MOTIV™ Freestanding Soft Seating with Tablet and Power



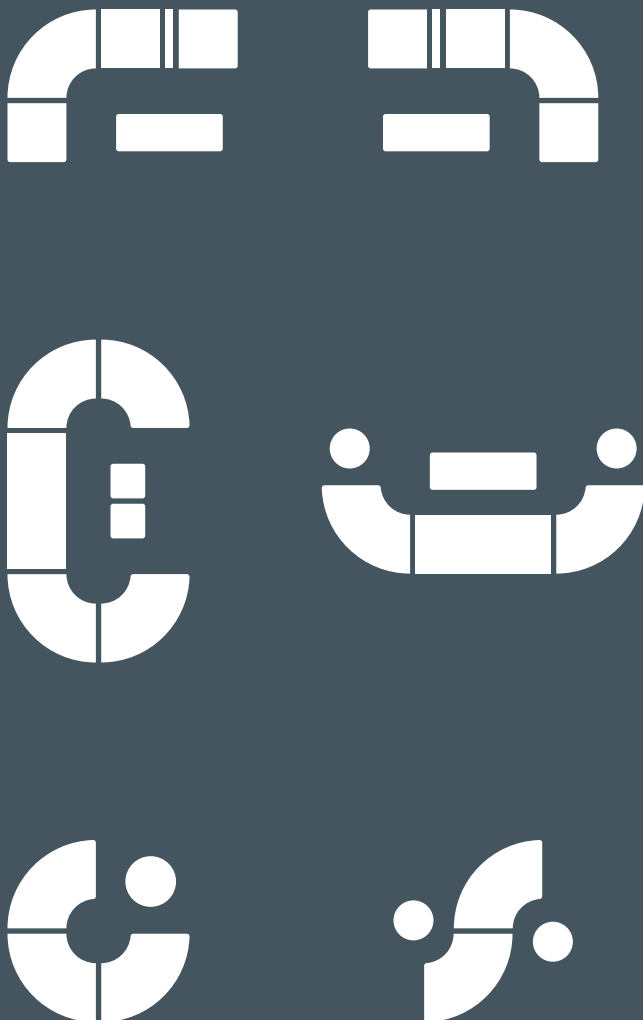
AND THEY'RE
MOBILE.



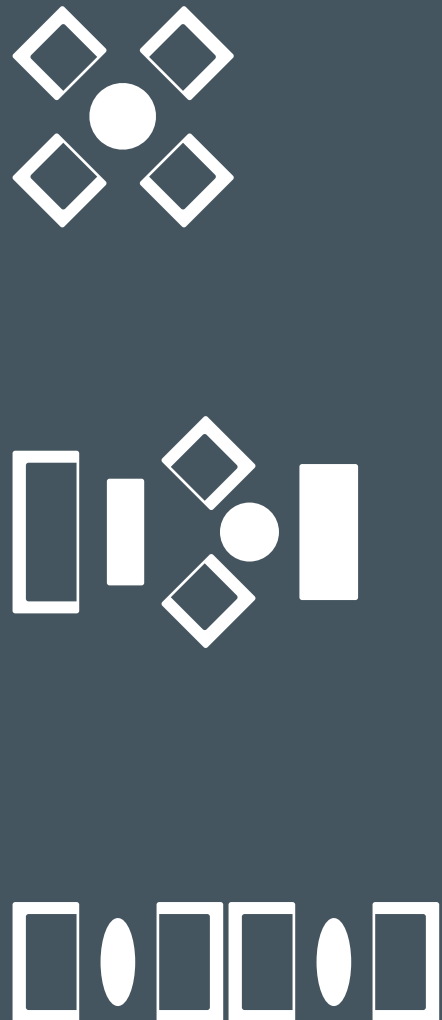
So learning can happen anywhere – and often does. These different modes require different arrangements and groupings.

Our MOTIV™ seating is designed to support countless configurations during those activities. With a wide variety of fabric, leather, and power options, MOTIV™ enables technologies and provides comfort and flexibility for any space.

Select modular soft seating configurations



Select freestanding soft seating configurations





STUDENTS CONNECT
TO EVERYTHING EVERYWHERE.
THIS OPENS UP GREAT POSSIBILITIES
FOR THE FUTURE OF

EDUCATION
DESIGN.



EXPLORE® 4-Leg Sixth Round Activity Table,
EXPLORE® Chair, MOTIV™ Freestanding Soft Seating,
MOTIV™ Occasional Table, EXPLORE® 4-Leg Quarter
Round Activity Table, Pulse™ Cart

AT BRETTFORD, WE DESIGN AND BUILD

SMART FURNITURE.



EXPLORE® Pedestal Base Café Table with Power
Dome, Presentation Environments® Mobile Easel,
EXPLORE® Chair

FURNITURE THAT MAKES ROOM FOR CHANGE,
ENABLES TECHNOLOGY, AND ADAPTS TO

THESE NEW
MODES OF
CONNECTING.



THIS FLEXIBILITY
ENHANCES THE
EXPERIENCE OF
THE STUDENT.

AND THE TEACHER, TOO.



Page 30:
EXPLORE® Pedestal Base Café Table, EXPLORE®
4-Leg Activity Table Rectangle, EXPLORE® Chair

Page 31:
EXPLORE® 4-Leg Activity Table Rectangle, EXPLORE®
Chair, EXPLORE® Stool, MOTIV™ Freestanding Soft
Seating with Power, MOTIV™ Occasional Table



**TECHNOLOGY
KEEPS CHANGING
THE WAY IDEAS
ARE SHARED.**

SCHOOLS ALSO NEED TO KEEP CHANGING.



MOTIV™ Freestanding Soft Seating,
MOTIV™ Occasional Table

“There is a need for designs that not only promote quality interactions, but also facilitate movement between small group work, class discussion, and lecture.”¹



“[Learning] experiences will be shaped by adults, by peers and ultimately by places, by the physical environment—those learning spaces where knowledge is acquired are our children’s third teacher.”

The Third Teacher

“In America’s best classrooms, the emphasis has shifted. Instead of individual accomplishment and competition the focus is on group learning.”

Robert Reich

“Sharing knowledge is not about giving people something, or getting something from them. That is only valid for information sharing. Sharing knowledge occurs when people are genuinely interested in helping one another develop new capacities for action; it is about creating learning processes.”

Peter Senge

“The kids these days are not digital kids. The digital kids were in the ‘90s. The kids today are mobile, and there’s a difference. Digital is the old way of thinking, mobile is the new way.”²

Elliot Soloway, University of Michigan

“It is the learner that is mobile, rather than the technology ... with learners opportunistically appropriating whatever technology is ready at hand as they move between settings, including mobile and fixed phones, their own and other people’s computers, as well as books and notepads.”

Mike Sharples, University of Birmingham (UK)

“...everything needed to be fluid, it needed to be mobile, it needed to be flexible. We couldn’t have any of the infrastructure get in the way of the learning experience.”

Howard A. Tullman, President & CEO, Tribeca Flashpoint Media Arts Academy

“Design needs to respect the differences we all have, and providing a variety of spaces and situations, and design solutions within each space is really important.”

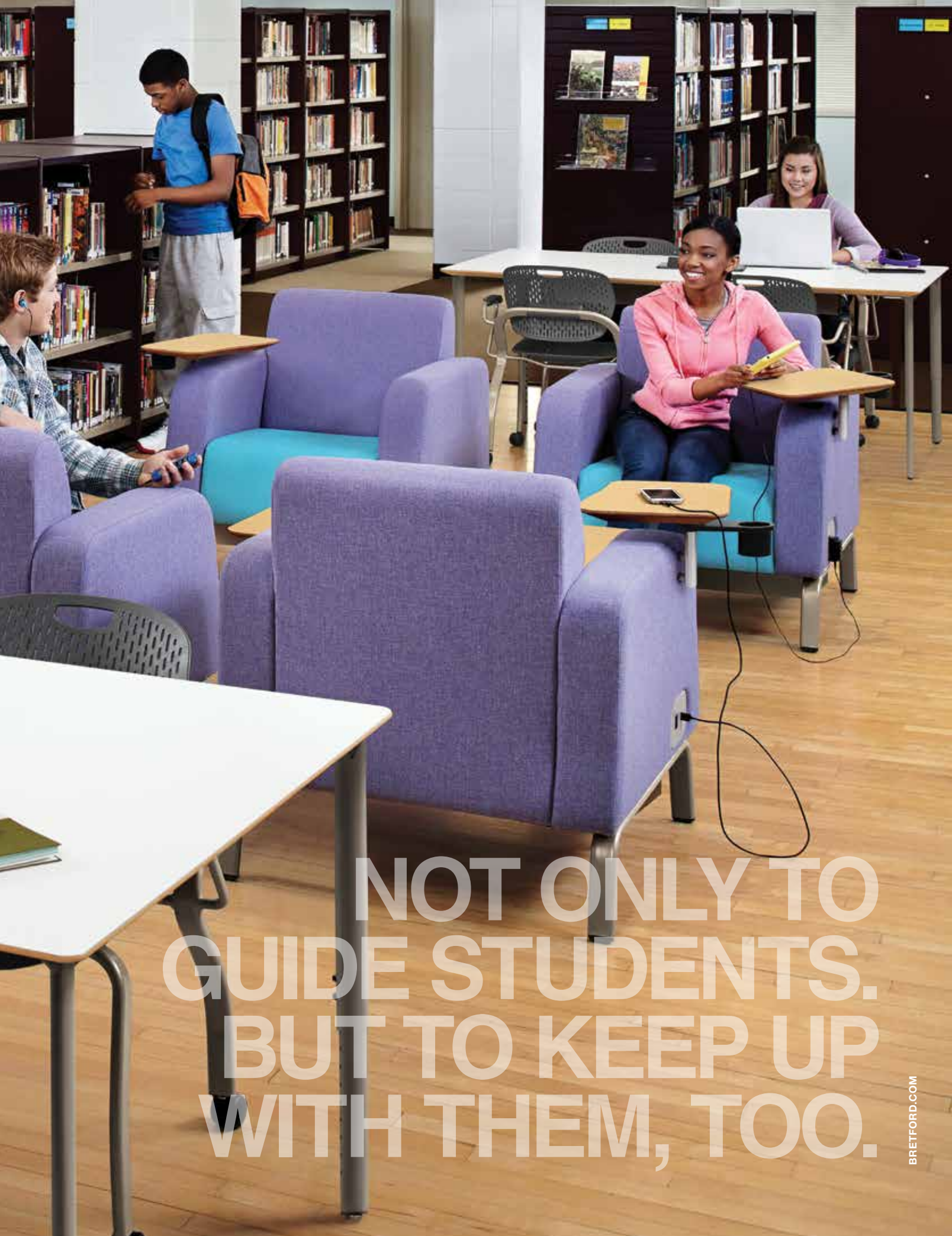
Peggy Hoffman, IIDA, NCIDQ, LEED® AP, Vice President, FGM Architects

¹ Henshaw, R., Edwards, P., Bagley, E. “Use of Swivel Desks and Aisle Space to Promote Interaction in Mid-sized College Classrooms” Journal of Learning Spaces. Vol 1., No 1. November 2011.

² Soloway, E. quoted in Shuler, C. 2009 Pockets of Potential: Using mobile technologies to promote children’s learning. New York: The Joan Ganz Cooney Center. January 2009.

EXPLORE® 4-Leg Collaborative Laptop Table with Juice® Power System, MOTIV™ Freestanding Soft Seating, EXPLORE® Chair, MOTIV™ Occasional Table





NOT ONLY TO
GUIDE STUDENTS.
BUT TO KEEP UP
WITH THEM, TOO.



MOTIV™ Modular Soft Seating with Power, MOTIV™ Power Bridge, MOTIV™ Occasional Table



**EDUCATION DESIGN ISN'T DECORATION.
IT'S A CRITICAL COMPONENT OF HOW WE
COMMUNICATE AND COMPETE.**

IT'S HOW WE CONNECT.

CONNECTED™



By Tim Springer, Ph.D.
recognized as one of the
top experts in the world
on issues of behavior in the
work and learning environment.

EDU 2.0

COMMITMENT TO INNOVATION

Working with Bretford over the past thirteen years, I have been continually impressed by their commitment to innovation, quality and careful consideration of users' needs. A few years ago, Bretford discussed plans for developing a new product for education. Building on the company's legacy of supporting educational technology, they recognized the shifting paradigm in education and how the support for technology-enabled learning requires new ways of thinking about, designing and furnishing learning spaces.

Bretford regularly engages users, experts and decision makers to capture the "voice of the customer." Committed to evidence-based practices, Bretford absorbs and integrates the latest thinking and relevant research into their process as well as anyone with whom I've ever worked.

From a review of relevant research, five key themes emerged:

1. Effective learning spaces, now and in the future, must be *agile* to support a wide variety of teaching approaches, learning styles and evolving mobile technologies. These spaces must be flexible, allowing for and encouraging easy, quick changes.
2. Learning occurs in a variety of space types to meet a range of teaching and learning needs. Learning spaces must accommodate *both-and*¹: both formal and informal; both independent and interactive; both individual and group learning.
3. Personal, powerful, portable, mobile technology is ubiquitous and integrated in life and learning. Providing easy access to data and power is essential because lack of broadband or a dead battery kills learning opportunities.
4. Where someone learns *is* important. Learning relies on context, and learning spaces affect student outcomes. Supporting learning with appropriate spaces is essential.
5. Finally, learning is social and learning spaces must be social places. Supporting the social interaction necessary to acquire and verify knowledge is the essence of learning.

¹ Springer, T. 2010. *Workplace Strategies*. Chicago, Illinois

Springer, T. 2011. *Measuring Work and Work Performance*. Pacific Grove, California:NewWoW.net

EDU 2.0 PRODUCT NOTES

LEARNING MODALITIES

- **Individual** | with and without technology, focused concentration, test taking

- ◀▶ • **One to One** | tutoring or coaching, student to student, teacher to student

- ▶ •• **Small Group Instruction** | one to few

- **Small Group Interaction** | usually 6-9 per group, often sharing resources like 3 computers for 8 or 9 students

- ▶ •••• **Large Group Instruction** | one to many

- ▶▶ **Group Virtual** | a larger group viewing the same materials sharing a few displays

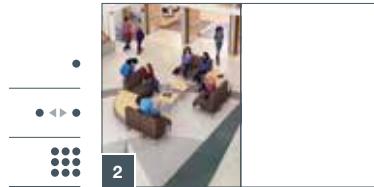


EXPLORE® Flip and Nest Collaborative Table

Pionite® Looks Likatre laminate with Folkstone Grey paint and trim

EXPLORE® Chair

Raven plastic with Aluminum paint



MOTIV™ Modular Soft Seating

Momentum X-Factor Sultana and Momentum Hue Smoke fabrics with Wilsonart® Manitoba Maple laminate and Aluminum paint

EXPLORE® Café Table

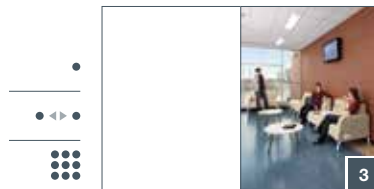
Formica® Fossil Weft laminate with Mission White paint

MOTIV™ Occasional Table

Wilsonart Manitoba Maple laminate with Aluminum paint

EXPLORE® Chair

Raven plastic with Aluminum paint



MOTIV™ Modular Soft Seating Group

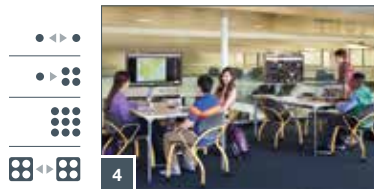
Momentum Inner Circle Choice and Momentum Boom Mystic fabrics with Formica Neutral Weft laminate and Sail White paint

MOTIV™ Occasional Table

Formica Neutral Weft laminate with Metallic Champagne paint

MOTIV™ Power Bridge

Formica Neutral Weft laminate with Sail White paint



EXPLORE® 4-Leg Teaming Table with Fluid Up Power System

Pionite White Elm laminate with Aluminum paint and White trim

MOTIV™ Freestanding Soft Seating

Maharam Flora by Kvadrat and Maharam Waterborn by Kvadrat fabrics with Pionite White Elm laminate, Aluminum paint and Warm Grey plastic

EXPLORE® Chair

Anthraccite plastic with Mustard paint



EXPLORE® 4-Leg Sixth Round Activity Table

Nevamar Bone White laminate with Champagne paint and Ice White trim

MOTIV™ Occasional Table

Wilsonart Natural Maple laminate with Champagne paint

EXPLORE® Chair

Anthraccite plastic with Champagne paint

EXPLORE® 4-Leg Quarter Round Activity Table

Nevamar Bone White laminate with Champagne paint and Ice White trim

MOTIV™ Freestanding Soft Seating

Maharam Flora by Kvadrat and Maharam Waterborn by Kvadrat fabrics with Wilsonart Natural Maple laminate, Champagne paint and Warm Grey plastic

Pulse™ Cart

Ice White and Aluminum paint

EXPLORE® 4-Leg Voltea Computer Table and EXPLORE® Activity Table Quarter Round

Pionite Leave Likatre laminate with Mission White paint and trim

EXPLORE® Mobile Interactive Whiteboard
Aluminum paint

Pulse™ Cart
Mission White and Aluminum paint

EXPLORE® Instructor Tech Desk

Wilsonart Manitoba Maple laminate with Mission White and Aluminum paint and Mission White trim

EXPLORE® Presentation Shuttle

Wilsonart Manitoba Maple laminate with Mission White and Aluminum paint and Raven trim

EXPLORE® Chair
Raven plastic with Aluminum paint



EXPLORE® 4-Leg Activity Table Sixth Round

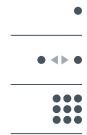
Pionite White Elm laminate with Aluminum paint and Mission White trim

EXPLORE® Chair
Raven plastic with Aluminum paint

MOTIV™ Freestanding Soft Seating

Momentum Boom Racy fabric with Pionite White Elm laminate and Aluminum paint

MOTIV™ Occasional Table
Pionite White Elm laminate with Aluminum paint



MOTIV™ Freestanding Soft Seating

Momentum Bestow Vapor, Momentum Oath Juniper and Momentum Epic Kiwi fabrics with Nevamar Bone White laminate, Champagne paint and Warm Grey plastic



EXPLORE® 4-Leg SCALE-UP Active Learning Table

Formica Chocolate Warp laminate with Ice White paint and trim

EXPLORE® Mobile Interactive Whiteboard
Aluminum paint

EXPLORE® Chair
Raven plastic with Aluminum paint

EXPLORE® Presentation Shuttle
Formica Chocolate Warp laminate with Mission White and Sky paint and Raven trim

Pulse™ Cart
Ice White and Aluminum paint



EXPLORE® Tablet Chair

Black plastic with Ocean paint

EXPLORE® Mobile Interactive Whiteboard
Aluminum Paint

EXPLORE® Presentation Shuttle
Wilsonart Dark Oak laminate with Ocean and Ice White paint and Raven trim

EXPLORE® Instructor Tech Desk
Wilsonart Dark Oak laminate with Ocean and Ice White paint and Raven trim

Pulse™ Cart
Ice White and Aluminum paint



EXPLORE® T-Leg Collaborative Laptop Table

Nevamar® Serene Stardom laminate with Mission White paint and trim

EXPLORE® T-Leg Computer Table
Nevamar® Serene Stardom laminate with Mission White paint and trim

EXPLORE® Mobile Interactive Whiteboard
Aluminum paint

Pulse™ Cart
Mission White and Aluminum paint

EXPLORE® Presentation Shuttle
Wilsonart Montana Walnut laminate with Mission White and Mint paint and Raven trim

EXPLORE® Chair
Raven plastic with Aluminum paint



EDU 2.0 PRODUCT NOTES

LEARNING MODALITIES

- **Individual** | with and without technology, focused concentration, test taking

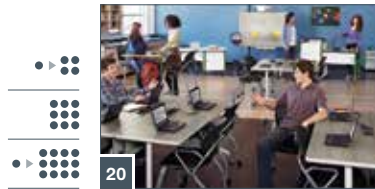
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EXPLORE® Flip and Nest Collaborative Table

Pionite Looks Likatre laminate with Folkstone Grey paint and trim

EXPLORE® Chair

Raven plastic with Aluminum paint

EXPLORE® Mobile Interactive Whiteboard

Aluminum paint

EXPLORE® Presentation Shuttle

Pionite Looks Likatre laminate with Mission White and Grass paint and Raven and Folkstone Grey trim

EXPLORE® Mobile File Storage Ped

Aluminum paint

EXPLORE® Instructor Tech Desk

Wilsonart Mission White laminate with Mission White and Grass paint and Mission White trim

Pulse™ Cart

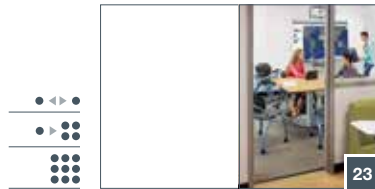
Mission White and Aluminum paint

EXPLORE® Pedestal Base Café Table

Pionite Looks Likatre laminate with Folkstone Grey paint

EXPLORE® Stool

Raven plastic with Aluminum paint



EXPLORE® Chair

Anthracite plastic with Sky paint

EXPLORE® Mobile Interactive Whiteboard

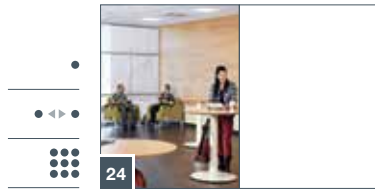
Aluminum Paint

EXPLORE® Pedestal Base Café Table

Wilsonart Natural Maple laminate with Aluminum paint

MOTIV™ Freestanding Soft Seating

Momentum Epic Kiwi fabric with Nevamar Bone White laminate, Champagne paint and Warm Grey plastic

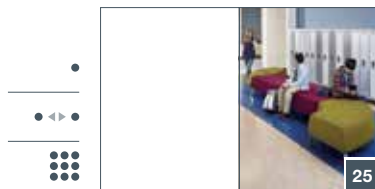


EXPLORE® Pedestal Base Café Table

Pionite White Elm laminate with Mission White paint

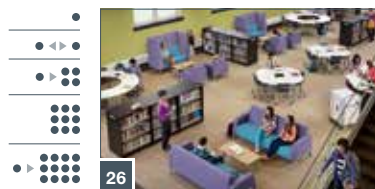
MOTIV™ Freestanding Soft Seating

Momentum Inner Circle Prime fabric with Pionite White Elm laminate and Mission White paint



MOTIV™ Modular Soft Seating

Momentum Boom Racy and Momentum Boom Sulphur fabrics with Aluminum paint



EXPLORE® 4-Leg Sixth Round Activity Table

Nevamar Bone White laminate with Champagne paint and Ice White trim

EXPLORE® Chair

Anthracite plastic with Champagne paint

MOTIV™ Freestanding Soft Seating

Maharam Flora by Kvadrat and Maharam Waterborn by Kvadrat fabrics with Wilsonart Natural Maple laminate, Champagne paint and Warm Grey plastic

MOTIV™ Occasional Table

Wilsonart Natural Maple laminate with Champagne paint

EXPLORE® 4-Leg Quarter Round Activity Table

Nevamar Bone White laminate with Champagne paint and Ice White trim

Pulse™ Cart

Ice White and Aluminum paint

EXPLORE® Pedestal Base Café Table
 Pionite Appears Likatre laminate with Aluminum paint
Presentation Environments® Mobile Easel
 Orchid paint

EXPLORE® Chair
 Raven plastic with Orchid paint



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EXPLORE® Pedestal Base Café Table
 Formica Fossil Weft laminate with Mission White paint
EXPLORE® 4-Leg Activity Table Rectangle
 Formica Fossil Weft laminate with Mission White paint trim

EXPLORE® Chair
 Raven plastic with Aluminum paint



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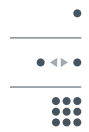


EXPLORE® 4-Leg Activity Table Rectangle
 Nevamar Vantage Point Walnut laminate with Aluminum paint and Raven trim
MOTIV™ Freestanding Soft Seating
 Momentum Matter Vermillion fabric with Aluminum paint

MOTIV™ Occasional Table
 Nevamar Vantage Point Walnut laminate with Aluminum paint
EXPLORE® Chair and Stool
 Raven plastic with Aluminum paint



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MOTIV™ Freestanding Soft Seating
 Momentum Matter Oxygen fabric with Aluminum paint

MOTIV™ Occasional Table
 Pionite White Elm laminate with Aluminum paint



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EXPLORE® 4-Leg Collaborative Laptop Table
 Retro Cherry Veneer with Nevamar Bone White laminate

MOTIV™ Freestanding Soft Seating
 Momentum Bestow Vapor, Momentum Oath Juniper, Maharam Flora by Kvadrat and Maharam Waterborn by Kvadrat fabrics with Wilsonart Natural Maple laminate, Champagne paint and Warm Grey plastic

EXPLORE® Chair
 Anthracite plastic with Champagne paint
MOTIV™ Occasional Table
 Wilsonart Natural Maple laminate with Champagne paint



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MOTIV™ Modular Soft Seating
 Momentum Boom Aqueous fabric with Aluminum paint

MOTIV™ Power Bridge
 Wilsonart Manitoba Maple laminate with Aluminum paint

MOTIV™ Occasional Table
 Wilsonart Manitoba Maple laminate with Aluminum paint



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EDU 2.0

TABLES



**EXPLORE®
T-Leg Computer**
Designed for Fluid Down Power System and available with Casters or Glides
U.S. Patent Pending



**EXPLORE®
4-Leg Computer Table**
Designed for Fluid Down Power System and available with Casters or Glides



**EXPLORE®
T-Leg Collaborative Laptop Table**
Designed for Juice® Power System and available with Casters or Glides
U.S. Patent Pending



**EXPLORE®
4-Leg Collaborative Laptop Table**
Designed for Juice® Power System and available with Casters or Glides



**EXPLORE®
4-Leg Voltea Computer Table**
Designed for Fluid Down Power System and available with Casters or Glides
U.S. Patent Pending



**EXPLORE®
4-Leg Teaming Table**
Designed for Juice® Power System and available with Casters or Glides
U.S. Patent No. D549,493, 7,703,737



**EXPLORE®
Flip and Nest Collaborative Table**
Designed for Juice® Power System and available with Casters
U.S. Patent Pending



**EXPLORE®
4-Leg SCALE-UP Active Learning Table**
Designed for Juice® Power System and available with Casters or Glides



**EXPLORE®
4-Leg Activity Table**
Rectangle (with/without rounded sides)
Quarter round (with/without rounded sides)
Sixth round (with/without rounded sides)
Square (flat sides)



**EXPLORE®
Pedestal Base Café Table**
Circle (seated or standing)
Oval (seated or standing)
Square (seated or standing)
Café Table available with or without Power Dome



**MOTIV™
Occasional Table**
Circle
Rectangle
Square

DESKS & PRESENTERS



**EXPLORE®
Instructor Tech Desk**
Available with or without Fluid Up Power System with Power Cord



**EXPLORE®
Mobile File Storage Ped**
Available with or without Cushion



**EXPLORE®
Presentation Shuttle**
Available as Tower only, One Side Table, or Two Side Tables



**EXPLORE®
Mobile Interactive Whiteboard**
Shown with EXPLORE® Mobile Interactive Whiteboard Accessory Speaker additional technology sold separately

SEATING

MOTIV™ Modular Soft Seating



Single Chair Armed with or without Tablet and/or Power on Right
U.S. Patent Pending



Single Chair Armless with or without Tablet and/or Power on Right or Left
U.S. Patent Pending



Single Chair Armed with or without Tablet and/or Power on Left
U.S. Patent Pending



Single Bench with or without Laminate Top
U.S. Patent Pending



30° Bench with or without Laminate Top
U.S. Patent Pending



60° Bench with or without Laminate Top
U.S. Patent Pending



90° Bench with or without Laminate Top
U.S. Patent Pending



Double Bench with or without Laminate Top
U.S. Patent Pending

EXPLORE® Seating



Chair Armed or Armless with Casters or Glides
U.S. Patent Pending



Upholstered Chair Armed or Armless with Casters or Glides
U.S. Patent Pending



Chair with Tablet Arm Right or Left with Casters or Glides
U.S. Patent Pending



Stool Armed or Armless with Glides
U.S. Patent Pending

MOTIV™ Freestanding Soft Seating



Single Chair Armless with or without Tablet and/or Power on Right or Left
U.S. Patent Pending



Two and Three-Seat Sofa Armless with or without Tablets and/or Power on Right and Left
U.S. Patent Pending



Single Chair Armed or Armless with Casters
U.S. Patent Pending



Stool Available at 15" or 20" height with Casters or Glides



Single Chair Armed with or without Tablet and/or Power on Right or Left
U.S. Patent Pending



Two and Three-Seat Sofa Armed with or without Tablets and/or Power on Right and Left
U.S. Patent Pending



Midback Sofa with or without Power on Right and Left, Front and Back, with or without Shelf
U.S. Patent Pending



Highback Sofa with or without Power on Right and Left, Front and Back, with or without Shelf
U.S. Patent Pending

POWER & ACCESSORIES



Fluid Up Power System



Fluid Up Power for MOTIV™



Fluid Down Power System



Juice® Power System



MOTIV™ Power Bridge



Power Dome



EXPLORE® Mobile Interactive Whiteboard Accessory Speaker



Rack Mount Charger Shelf



Cord Minder Clip

STATEMENTS OF ASSURANCE

BRETFORD HISTORY

Bretford designs and manufactures dependable furniture products built to improve how people work and learn. Founded in 1948 and headquartered in Franklin Park, Illinois, we're dedicated to the design and manufacture of sustainable furniture solutions that will last for decades. With nearly 350 employees and 450,000 square feet of production space, the company offers smart furniture solutions that support evolving technology.

SUSTAINABILITY

Since 1948, Bretford has been committed to producing high-quality products that add value to people's work and learning experiences. From the start, we've worked to minimize waste throughout the product life cycle. Our company-wide **Sustainability@Bretford** program has goals that put the environment first. We've been working to:

- Eliminate waste
- Eliminate harmful emissions
- Use renewable energy
- Create a closed-loop process so that every Bretford product can be recycled at the end of its lifecycle
- Integrate sustainability into our culture so that opportunities for change and improvement come from all areas of the business
- Provide education and resources to all departments and facilities to continually improve our environmental performance
- Share knowledge, ideas, and resources with our employees, our customers, our business partners, and our local communities
- Use our environmental performance metrics as an informational support tool for day-to-day and long-term business decision-making

And as we look further into the 21st Century, our goal is to create even healthier product options for our customer and for the planet. We have significantly strengthened our commitment to pursuing sustainable business practices, and will continue to focus on four primary areas:

- **Waste Reduction** | Our goal is to reduce our consumption of electricity, water and natural gas, our annual volume of waste to landfills, and our greenhouse gas emissions.
- **Green Documentation** | Our goal is to look at the raw materials of each major product group, summarize the information, and publish an Environmental Summary.
- **Design for the Environment** | All materials, products, and processes are being evaluated to ensure they are as friendly to the environment as possible.
- **Materials Management** | We're exploring innovative materials that are greener, leaner, lighter, stronger and safer, including tabletop options, the elimination of hazardous and toxic materials/finishes, and high recycled-content components.

GREENGUARD® CERTIFICATION



Bretford has achieved GREENGUARD GOLD Certification for many of its tables, seating, carts and accessories used in commercial business and education facilities. Through this designation and in partnership with facilities managers, designers, architects, and dealers, Bretford is helping to create healthier learning, meeting, and working environments, particularly for children. By specifying or installing Bretford GREENGUARD GOLD Certified products, institutions are closer to achieving valuable LEED Certification, the nationally accepted benchmark towards the design, construction and operation of green buildings

CarbonNeutral® COMPANY



To achieve CarbonNeutral company certification, Bretford is working with The CarbonNeutral Company, a world-leading provider of carbon reduction solutions. Bretford has reduced its greenhouse gas (GHG) emissions in accordance with The CarbonNeutral Protocol, the global standard for carbon neutral certification. The program involved an independent assessment of the CO2 emissions produced from energy consumption, transportation, business travel and waste followed by an off set-inclusive emissions reduction program. This means that for every one ton of GHG emissions that Bretford produces, it purchases a verified carbon offset which guarantees an equivalent amount of GHG emissions is reduced from the atmosphere through a renewable energy or clean technology project.

CarbonNeutral PRODUCT



For many products, a significant portion of the carbon footprint is embedded in the extraction, processing and transport of the materials that are used to make the product. With growing interest in measuring and reducing these life cycle emissions, as evidenced by the implementation of Executive Order 13514, Bretford wanted to take a leadership position with one of its most recent introductions, EDU 2.0. Bretford is proud that the EDU 2.0 line of products is one of the first in the contract furniture industry to achieve CarbonNeutral product certification. As a CarbonNeutral company Bretford understands that true leadership in reducing its carbon footprint means taking responsibility for the life cycle emissions of its products.

HOW DID WE DO IT?

The first step on the CarbonNeutral journey was a cradle to customer greenhouse gas emissions life cycle assessment.

The assessment measured emissions from:

- Extraction, processing and transportation of raw materials
- Production, packaging and storage within our manufacturing facilities
- Volume and mode of transport to customers

The second step was to reduce emissions to net zero through increased efficiency and the use of high quality carbon offsets.

In October of 2010, Bretford underwent an efficiency initiative by replacing all the lighting fixtures in both their Franklin Park and Schiller Park, IL. manufacturing facilities. HID/sodium vapor fixtures were replaced with florescent fixtures. Not only were Bretford's plants 75% brighter, Bretford reduced their overall kilowatt hours by 40% for 2011, when compared to 2010. Finally, to reduce the carbon footprint, to net zero we support several carbon offset projects in cooperation with The CarbonNeutral Company including:

SONGYUAN WIND POWER PROJECT

Located in Songyuan City in the Jilin Province of The People's Republic of China, this wind power project delivers zero-emissions renewable electricity to China's Northeast China Power Grid. The project is validated and verified to the Verified Carbon Standard (VCS) and has also registered and issued credits with the Clean Development Mechanism (CDM).

MISSISSIPPI VALLEY RESTORED ECOSYSTEM PROJECT

The project aims to reforest one million acres of the Lower Mississippi Alluvial Valley. The region is one of the most important ecosystems in North America, but has suffered sustained deforestation. Tree planting will reduce an estimated 200 tCO₂e per acre, as well as creating revenue for landowners, jobs in the area, and improving water quality and biodiversity. The project developer received the 2009 Innovation Award from the Southern Growth Policies Board.

FISCALINI FARMS METHANE CAPTURE

Located in Modesto California, this project uses an anaerobic digester system to capture methane from cow manure. The methane produced is used to power a 710 kW CHP generator that produces electrical energy to run the Fiscalini Cheese Company's cheese making facility.

Bretford is proud to offer an entire product line that reinforces our commitment to sustainability and enables specifiers of our products to make smart choices about the products they select.

SAFETY AND PERFORMANCE STANDARDS

Bretford offers a variety of products that have been tested and validated for safety and performance. Products that are UL and ETL Listed undergo random annual inspections by UL to ensure quality controls and UL compliance.

Using in-house or third party verification, most of Bretford products are tested to meet or exceed the appropriate ANSI/BIFMA and ANSI/UL Standards for durability and safety.

ANSI/BIFMA safety and performance standards are developed by the BIFMA Engineering Committee and intended to provide manufacturers, specifiers, and users with a common basis for evaluating safety and performance. Bretford chose Advanced Furniture Testing (AFT) as our third-party BIFMA test partner. AFT is an A2LA accredited ISO17025 lab for all BIFMA and the Canadian equivalent standards.

Bretford pursues the UL and ETL (Intertek) Marks for the entire Store and Charge line to ensure the entire "system" is safe for use by our customers and in the classroom. Application of the ANSI/UL 60950-1 standard is intended to reduce the risk of injury and property damage.

A third-party Nationally Recognized Testing Lab (NRTL) should test for flammability, shock hazards, surge protection, stability, and durability. UL and Intertek evaluate everything from circuit boards to wires, relay to capacitors, and metal to plastics.

Bretford partners with UL and Intertek as our global NRTL's of choice.

UL LLC.



Underwriters Laboratories Inc. was founded in 1894 to establish, maintain and operate independent laboratories for the examination and testing of devices, systems and materials. This is in order to determine their relation to hazards of life and property and to ascertain, define and publish standards, classifications and specifications affecting such hazards. For more information, visit UL.COM.

INTERTEK



Intertek is a leading provider of quality and safety solutions serving a wide range of industries around the world, including fuel testing and inspection.

Intertek people add value to customers' products and processes, supporting their success in the

global marketplace. Intertek supports customers through its network of more than 1,000 laboratories and offices and over 36,000 people in more than 100 countries. For more information, visit INTERTEK.COM.

ADVANCED FURNITURE TESTING

AFT offers furniture testing services to ANSI/BIFMA standards, standardized equipment and custom test machinery. Excellence in furniture testing comes from experience with industry leaders and superior equipment capability. Active BIFMA members since 2008. A2LA accredited since 2008. For more information, visit FURNITURETEST.COM.

ROHS



Bretford products meet the current requirements of Restriction of Hazardous Substances (RoHS) Directive 2002/95/EC. RoHS compliance certificate documentation is on file and available upon request.

WARRANTY

Bretford warrants that all products it manufactures are—at date of shipment—free from defects in material or workmanship. Any product under normal use, regardless of the number of shifts during which the product is in use, fails to function within the time periods specified below, and found defective in material or workmanship by Bretford inspection, will be repaired without charge to the buyer, or, at the elections of Bretford, a credit will be allowed up to the invoice purchase price of the product.

This warranty is inapplicable where, in the judgment of Bretford, the defect is attributable to abnormal wear, misapplication, abnormal use, misuse, modification or damage after shipment, including damage caused by the buyer's failure to properly maintain the item, or other similar cause.

Bretford EXPLORE®, MOTIV™, Plus, Liquid®, RHOMBII®, Presentation Environments®, Here, Store and Charge and Basics Series Furniture—Twelve (12) years

Three (3) shift facilities, from date of shipment, labor included (excluding fabric and electrical and data assemblies)

Standard Warranty Exceptions Apply

Electrical & Data Assemblies

Components—One (1) year from date of shipment

Speakers—One (1) year from date of shipment

Gas Shock Assemblies—One (1) year from date of shipment

Seating Wood & Frame

Bretford warrants the wood and metal frames used in our soft seating products to be free from design defects in materials and workmanship for a period of twelve (12) years beginning on the date of shipment.

Seating Foam

For a period of five (5) years, Bretford warrants the foam used in our soft seating products to be free from design defects in materials and workmanship, beginning on the date of shipment. This does not include softening and flattening of the foam that occurs as a result of normal use and aging.

Seating Fabric/Leather

Warranty of fabric and leather offered as part of the Bretford Grade-In program is dictated by the materials manufacturer and passed on accordingly. Customer Own Material is not warranted.

RESOURCES

BRETFORD CUSTOMIZATION SERVICES

Bretford has hundreds of standard products designed to improve the way our customers work and learn. However, we understand that sometimes you need a more tailored solution. Bretford Customization Services will help you get exactly where you want to be.

CUSTOMIZATION SERVICES

When a standard Bretford product does not perfectly match your specifications, Bretford Customization Services can assist you in creating a custom solution.

From modifying product dimensions and component materials to increasing storage capacity or adding power options, our Chicago based design and manufacturing teams have the expertise to turn your requirements into a product that fits your needs.

BRANDING SERVICES

Sometimes all you need to create the perfect solution is a little branding. Bretford Customization Services has you covered there as well. Whether it is a custom colorscheme or recreating your school or corporate logo, Bretford Customization Services will work with you to design a product that is uniquely yours.

GRADE-IN PROGRAM

The Bretford Grade-In Program has been designed to offer a host of benefits to customers for all Bretford MOTIV™ and Plus Series soft seating, MOTIV™ stools, EXPLORE® chairs and stools and Here and Liquid® mobile boards and panels. Bretford has partnered with Momentum* fabrics and Wollsdorf Leather to offer hundreds of options that are now graded into the Bretford price list. Customers simply pick a graded fabric, vinyl or leather pattern, grade and color, place an order with Bretford and Bretford will take care of everything else. Material testing is no longer required.

Upholstery pricing for the Grade-In Program is available at Bretford.com. Color options as well as fabric and vinyl samples can be viewed and ordered through The Momentum Group's website at www.themomgroup.com or through Wollsdorf Leather for leather samples at sales@wollsdorfleather.com.

Customer Owned Material (COM) and Customer Owned Leather (COL) orders are still welcome. COM nor COL materials are required to be tested, however customers will need to purchase their own materials and send it directly to Bretford for the manufacturing process.

*Bretford offers all Momentum Textiles as standard. Loomsource nor Textus are offered as a Bretford standard.

HOW TO BUY

Bretford has a worldwide dealer network with thousands of partners located across the United States, Canada, and abroad that can assist you with product selection, purchase, and installation. If you would like to locate a Bretford dealer in your area, please call our Customer Care Team at 800.521.9614 or email to customerservice@bretford.com.

CUSTOMER CARE AND PROJECT DESIGN TEAMS

The Bretford Customer Care Team can help with questions pertaining to orders, delivery, ordering sales literature, warranty claims, product information, finish samples, and technical support.

Phone 800.521.9614
Fax 800.343.1779
E-mail customerservice@bretford.com

Bretford also offers project design support. If your project entails an entire Bretford solution and you are in need of project layout support, contact your Bretford Sales Representative for further information and assistance. The Bretford Project Design Team can assist you with CAD drawings and an entire bill of material for your specific project.

SHOWROOM INFORMATION

Want to sit in one of our EXPLORE® chairs? Want to see how easy it is to nest an EXPLORE® table? The Bretford showroom is located in the historic Chicago Merchandise Mart. Contact your local Bretford Sales Representative to set up a tour.

Showroom at the Merchandise Mart
222 Merchandise Mart Plaza
Suite #355 (Showroom 3rd Floor)
Chicago, Illinois 60654



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