active learning spaces



Students prepare for a future no one can predict and for jobs that, in many cases, haven't been invented yet.





The future comes to the classroom every day. A new generation of tech-savvy and connected students arrives with radically different experiences and expectations. Aware of the global economy and the competition it represents, students and their families are placing increasingly higher demands on education at all levels.

Technology is a force of its own. From interactive technologies and MOOCs to learning analytics, innovative technology offers educators new approaches for learning and instruction.

Educators are responding to these diverse forces with a refreshing openness. For the first time in decades, schools from elementary through postsecondary are making significant changes in how they teach. Educators are exploring what it means to be learner-centric, adopting active learning pedagogies and embracing technology that supports varied educational strategies.

Yet both students and educators still face the challenge of having to operate in facilities built for age-old ways of learning and teaching. Budgets are tight, so it's more important than ever to leverage every square foot of real estate.

Technology needs careful integration.

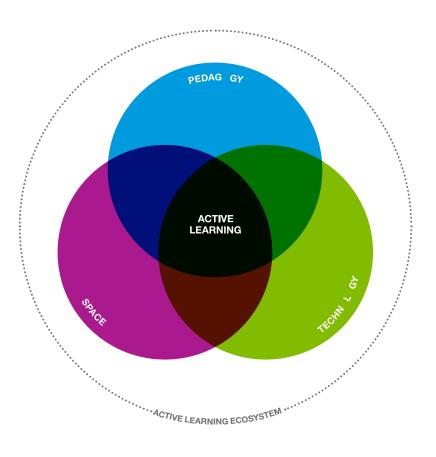
Students are digital natives, while instructors are usually digital adopters. Since technology must support the pedagogy used in the classroom, this divide often causes concerns for those who are untrained and uncomfortable developing instructional design protocols that truly engage learners.

Space impacts learning.

Interactive pedagogies require learning spaces where everyone can see and interact with content, instructors and other students, often at a moment's notice. Learning preferences vary; spaces must be flexible and fluid enough to support this diversity.

Every space can be a learning space if it is intentionally designed to support the pedagogy and technology in use, and it allows instructors to move among teams providing real-time feedback, assessment and direction for students in peer-to-peer learning.

> Carefully considering the requirements and interdependencies of pedagogy, technology and space helps establish new protocols for advanced learning environment solutions. Pedagogy is intentionally placed at the top, signifying that an active educator is required to employ active learning.



The Active Learning **Ecosystem**

Inspired by ongoing Steelcase research and insights, active learning has become the foundation of our solutions developed specifically for students and educators. Learning happens anywhere and can be synchronous or asynchronous, formal or informal.

The change from passive to active learning often creates tensions that hinder adoption of new ways of learning and teaching. To ease these tensions, Steelcase advocates an active learning ecosystem that equally supports and incorporates pedagogy, technology and space. By looking at how individuals learn and

Adoption of Active Learning

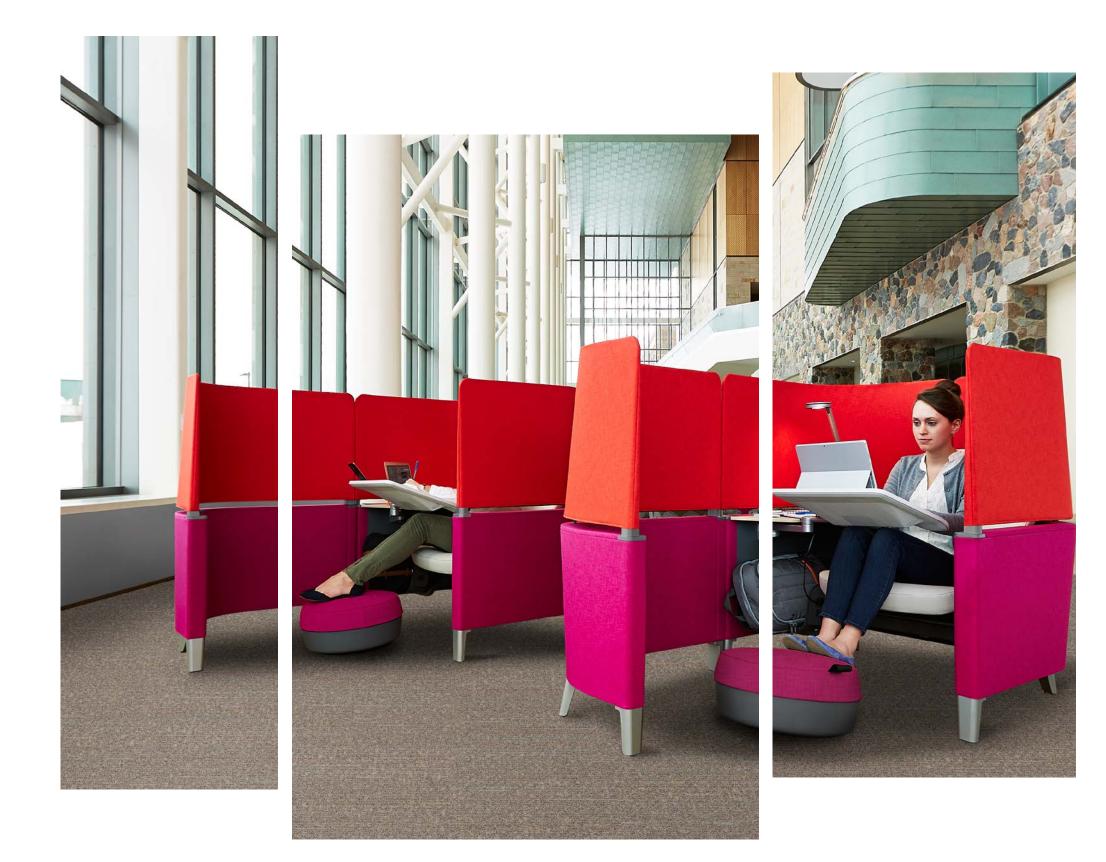
Students and teachers today suffer when outmoded learning spaces inadequately support the integration of the three key elements of a successful learning environment: pedagogy, technology and space. For too long, we have designed for what we know: classrooms arranged in static rows and columns facing forward with little flexibility for the varied types of learning necessary today. Libraries designed to support books and quiet work, without the ability to support group learning and collaborative projects. In too many cases, these environments hinder learning rather than support.

Change is driven by pedagogy.

Teaching methods are evolving, with classes employing group projects and individual work along with lectures. And it's not just instructors teaching; peerto-peer learning is on the rise. From one class to the next, sometimes during the same class period, classrooms need the flexibility to adapt to different learning preferences.

considering the requirements and interdependencies of these factors, new protocols for advanced learning environments are established.

The active learning ecosystem should be considered holistically-not only as part of the building master plan, but part of the *learning* master plan as well. This learning space strategy influences all spaces-from classrooms to libraries and cafés-and helps connect different stakeholders on their quest for higher level learning throughout the day.



The Rhythm of Learning

Effective planning for learning spaces requires a clear understanding that there is a rhythm of learning. Education is an ongoing, organic process that changes throughout a term, day and even class period and varies by learning place. The needs in the morning when classes begin are different from those in the evening.

During class time, classrooms must support quick transitions between learning modes, while also supporting digital and analog tools for students' active engagement. In the evening, learning places transition to support increased social study and group projects, as well as community events, in informal learning spaces. Meanwhile, the middle and end of a term often drive increased individual work and greater need to consider the physical, cognitive and emotional needs of students during intense study periods.



Brody WorkLounge seating





Designed to be good for your body and good for your brain.

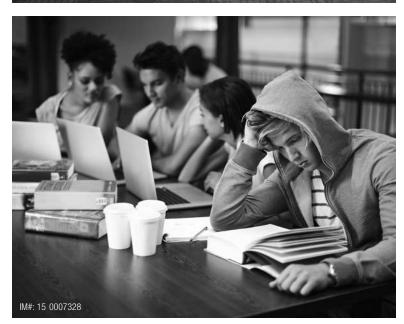
Introducing the Brody[™] WorkLounge.

Campus study spaces leave students unsupported.

Teaching methods are evolving, trending toward active learning and increased use of technology. Learning spaces designed for project work and collaboration have left little space for focus and study, which is still critical for individual learning.









COMFORT IS COMPROMISED

While most lounge spaces look comfortable, they provide little ergonomic support. Designed for short-term seating, not focused task work, typical lounge seating leaves the body unsupported.

LEARNING IS COMPROMISED

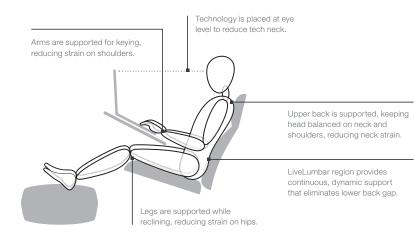
Students need more than chairs, alone, to get work done. They need surfaces for their notebooks and mobile devices. And those devices need power.

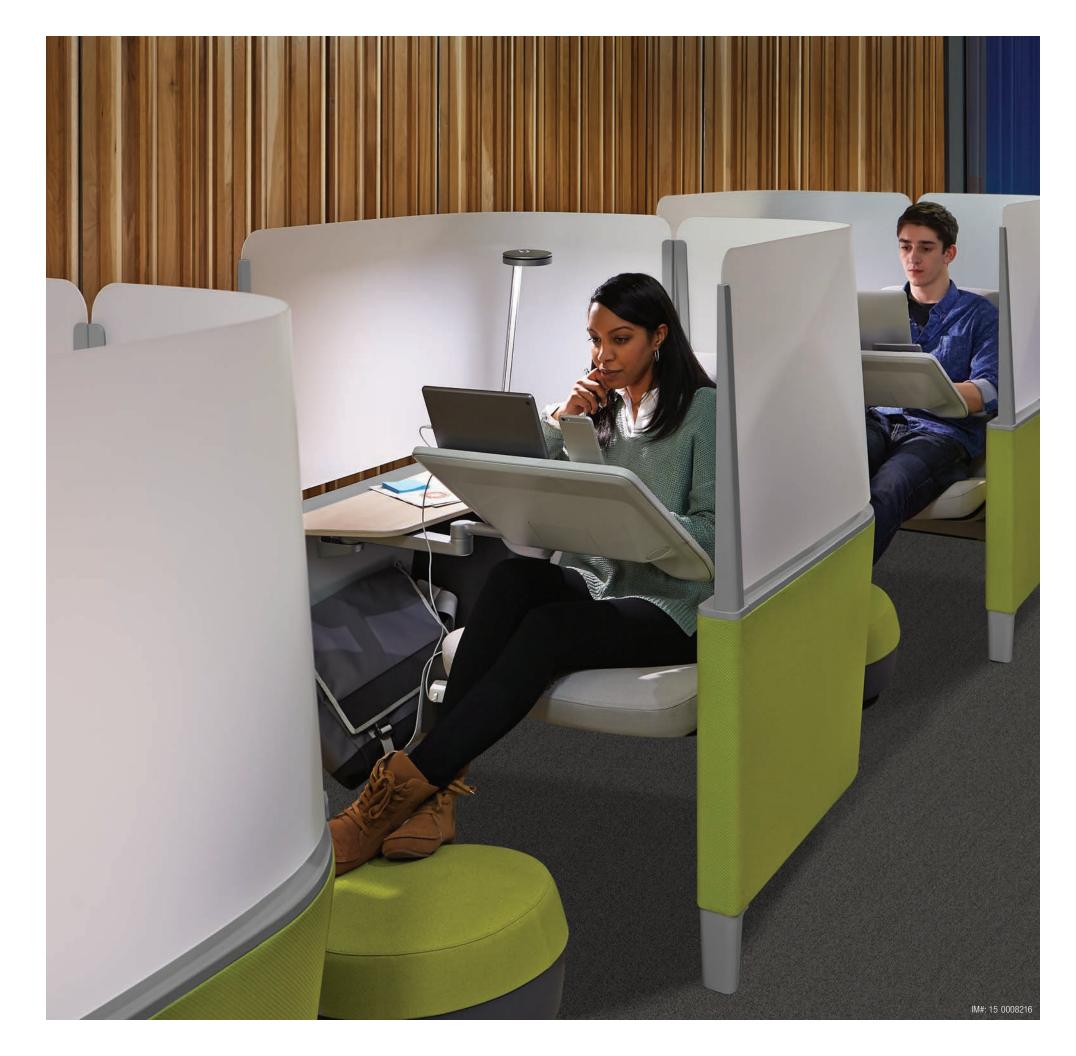
FOCUS IS COMPROMISED

Campus study spaces are often open and exposed, providing little to no control over visual distractions.

Designed for your body.

Providing high-performance comfort and support, the Brody WorkLounge features patented LiveLumbar[™] technology—bringing thoughtful ergonomic design to the lounge posture. The adjustable, personal worksurface holds technology at eye level, reducing neck and shoulder strain.









The Brody WorkLounge creates a shelter from visual distractions, providing privacy and an enhanced sense of psychological security.

Designed for your brain.

Our attention has limited capacity. Like any other organ, the brain takes energy to function. The harder we try to ignore distractions, the harder our brains have to work to filter what's important and what's not.

Designed for work.

The Brody WorkLounge creates a comfortable micro-environment by thoughtfully integrating power, ergonomic comfort, personal storage and optional lighting—so students can focus their attention, get into flow and get work done.





Brody WorkLounge can help schools, colleges and universities optimize their real estate by delivering a high-performance space in a highly efficient footprint. These moveable modular solutions can transform underutilized libraries and in-between spaces into covetable destinations.

Designed for the campus.

STATEMENT OF LINE

BRODY WORKLOUNGE





Brody Privacy Lounge

Brody WorkLounge

with Extension

SURFACE MATERIALS

Surface materials shown in brochure:

SEAT & BACK UPHOLSTERY

DesignTex Appleseed Fog - Sandlewood

DesignTex Gamut Cherry - Wine

LOWER SURROUND UPHOLSTERY



SCREEN UPHOLSTERY

DesignTex Gamut Persimmon Acrylic

SIDE SURFACE

Acacia Walnut

FOOTREST



Colors are representative and may vary slightly from actual material.

For further options visit us online.



IM#: 15-0007411

POWER

Integrated power is easily accessible, so students can focus on their work-not their battery level.



PERSONAL WORKSURFACE With up to 40° of pitch, this highly-adjustable worksurface lets students position their work and devices precisely where they want them.



PRIVACY SCREEN Privacy screens help reduce visual distractions and enhance personal privacy and comfort.

Design Details

The dash[®] mini LED task light integrates

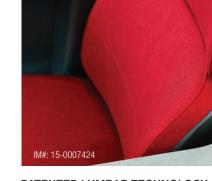
seamlessly to deliver adjustable, efficient

lighting where it's needed the most.

LIGHTING



SIDE SURFACE Available with left- or right-sided configurations, side surface provides a convenient armrest, or a spacious writing or mousing surface.



PATENTED LUMBAR TECHNOLOGY Patented LiveLumbar technology provides dynamic back support that eliminates lower back gap.



PERSONAL STORAGE Personal storage provides a convenient place to store your belongings up off the floor and within arm's reach.



FOOTREST Additional support for legs and feet helps maintain comfortable, reclined postures, with a nonslip surface that prevents movement. Footrest fits under the seat when not in use.



ADAPTIVE BOLSTERING The Brody WorkLounge seat allows the cushion to adapt to each user's unique size. Adaptive bolstering provides exceptional seat comfort.



Brody Privacy Lounge

 \bigcirc Footrest

SUSTAINABILITY

At its heart, sustainability at Steelcase is about people. It's about creating and supporting the economic, environmental and social conditions that allow people and communities to reach their full potential.

Research and insights direct our path. It's not only about creating goods, it's about creating good. It's not only about creating value, it's about living our values. It's not just about reducing our footprint, it's about expanding our reach. It's about creating lasting and meaningful change to enable the long-term wellbeing of current and future generations.

Innovative products and solutions result. In the development of our products, we work to consider each stage of the life cycle: from materials extraction, production, transport, use and reuse, until the end of its life. We demonstrate performance through third-party verified certifications and voluntary product declarations.

Steelcase's sustainability promises, actions, and results are communicated in an annual Corporate Sustainability Report.



media:scape collaborative settings





Enriching the Learning Experience

Learning is evolving, becoming more personalized, active and student-directed. More than ever, students and instructors need simple and effective ways to connect and collaborate.

media:scape[®] collaborative settings seamlessly integrate technology, furniture and space to bring people together for greater communication and collaboration, and more powerful learning experiences.





Technology that Enhances Learning

By studying all levels of education, we develop insights for tools, applications and environments that enrich the learning experience. Our research shows that to effectively support learning, technology must:

- be easy to connect and simple to use
- encourage digital and analog content sharing, communication and collaboration
- offer multiple uses, such as supporting individuals or groups
- be platform-neutral
- support any class, instructor or student, and adapt at a moment's notice
- expand the classroom experience by broadening the way content can be presented, edited and shared

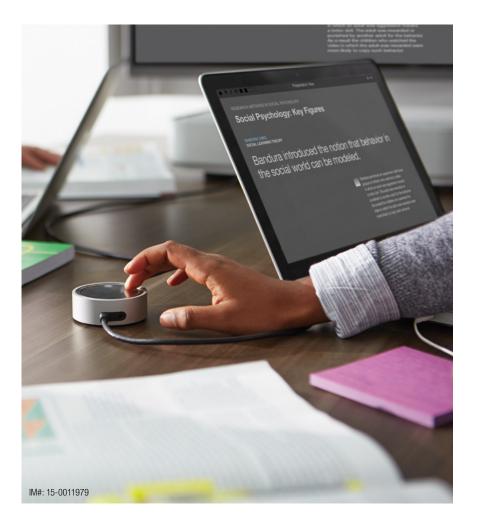
With an intuitive user experience, platform-neutral support and applications to fit any space, media:scape helps boost student engagement in the learning process.



Nearly 1/3 of all college students have chosen to take at least one online course. Chronicle of Higher Education 2012

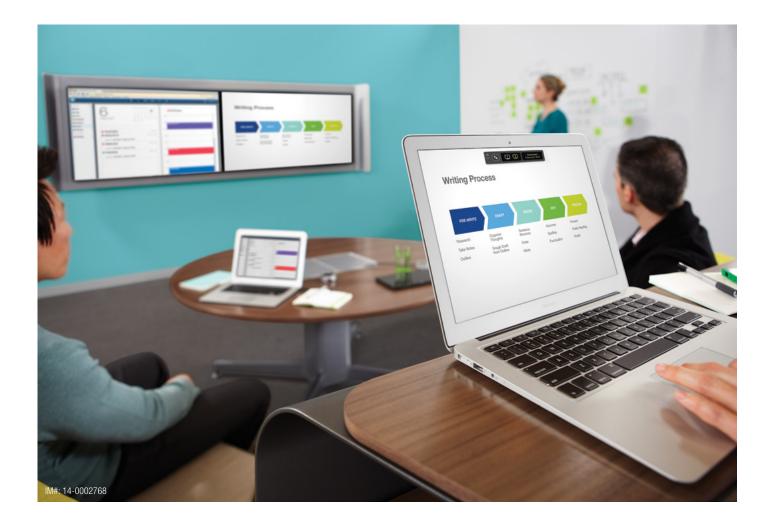
Open. Connect. Share.

Open the media well, connect a PUCK to a digital device, and press the PUCK to share content instantly. The user experience is simple and quick-and the same in every media:scape setting.



PHYSICAL PUCK

media:scape's wired PUCK glows when connected to a digital device. Simply press the PUCK to share content on-screen.



VIRTUAL PUCK

The Virtual PUCK app works with any Windows or Mac device. Use it alone or in combination with other physical and Virtual PUCKs.

Active Learning in Any Space

media:scape brings students, instructors and content together to stimulate collaboration. With three different heights and eight different table shapes available, media:scape can make any space a collaborative learning space.



In-between spaces: Small, out-of-the-way places, corners and nooks—there's a media:scape for practically any space.



media:scape LearnLab: Seamless transitions among lecture, group work and discussion. Optimized sightlines make information accessible to students and instructors from anywhere in the room.



Classroom: Portable media:scape mini turns instructors' offices, enclaves and meeting rooms into collaborative spaces with PUCKs for up to four users.



Library: As libraries increasingly support project work and other types of active learning, media:scape provides content sharing and easy collaboration.

media:scape goes mobile and mini

Take the collaborative, content-sharing power of media:scape wherever it's needed. From desktop discussions in faculty offices to student brainstorming sessions, even as on-demand support for group learning spaces, media:scape mini and mobile go wherever people go to connect.



MINI

Portable media:scape transforms a small enclave, private office or project room into a collaborative setting. Supports up to four people.



MOBILE

media:scape mobile is ideal for high-use spaces such as libraries, project rooms and other shared spaces. Available with high-definition videoconferencing support.

Learning On Video

Technology is reshaping education. Distance learning, online courses, video lectures and online office hours—the opportunities are continually expanding. With media:scape, video and digital content sharing become a natural part of the learning experience.



KIOSK

media:scape kiosk, the ideal video collaboration space for one or two people, uses a small footprint and comes in either a seated or standing-height configuration. Students can meet with off-site classmates to keep projects moving. Instructors can provide individualized feedback to students or touch base with remote colleagues.

TEAMSTUDIO

With media:scape TeamStudio[™], students easily share content and ideas with classmates at the table or on video, making classroom and distance learning dynamic, engaging and collaborative.



Node[™] seating





For the many modes of learning.

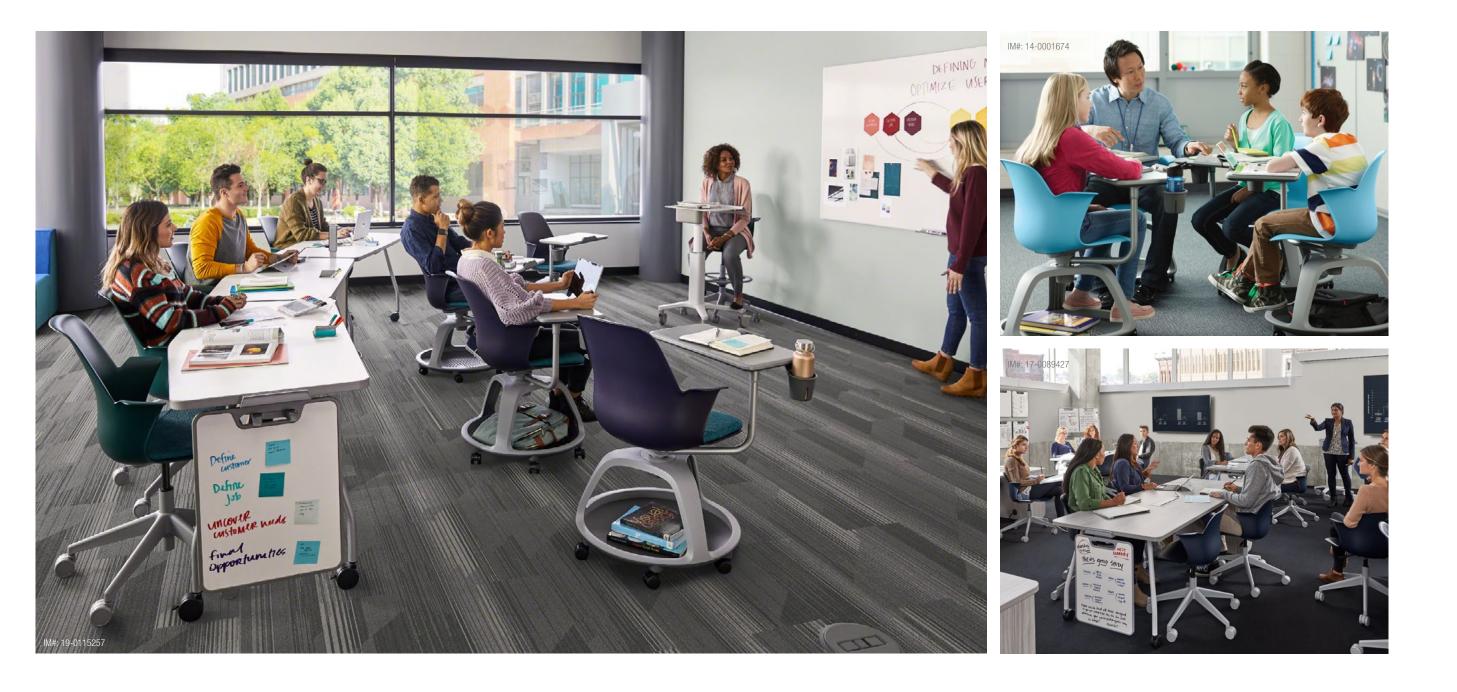
Endlessly versatile, the Node chair is unlike traditional school desks and chairs. Node is a natural fit across campus—from the classroom to the library, conference rooms to faculty offices and the many areas in-between—everywhere learning happens.

Node chairs are highly mobile and support collaboration, transition and movement for all the ways students learn. And with a wide range of base, seat, color and finish options, there's a Node for every body and every space.



A smart solution.

The Node chair is mobile and flexible and empowers seamless classroom reconfiguration. With Node, a classroom can move from a lecture-based mode to a team-based mode and back again without interruption. Node takes passive space and makes it active, supporting individual and team-based learning.





For every campus seating need.

With a range of choices, there is a Node for nearly every design concept and seating need. The steel X-base and four-leg wood base options offer a sophisticated, practical choice for a variety of campus applications, including libraries, cafés, seminar and training rooms. The optional seat cushion extends user comfort for long periods of study and work.





More styles for more settings.

A few of Node's flexible features.



ELEVATING FACULTY SPACES

The faculty role can be a demanding one. On top of the core teaching role, there are administrative and advising responsibilities. As guest seating for faculty spaces, Node supports multiple modes of interaction between teacher and student. And that's important—because when both sides are supported, the whole institution succeeds.



STUDENT LIVING AND LEARNING

In living areas, students do more than socialize and sleep—it's where they do a large amount of learning and studying. With a variety of bases, seats and worksurfaces to choose from, Node brings student living areas alive and gives them the same energy and functionality as a high-performing classroom.

HIGH-BACK

Supportive and flexible, Node high-back promotes active learning. A mid-back option is also available, minimizing contact when students move against walls.

CUSHION

A cushion keeps students comfortable when they sit for long stretches, and it comes in a variety of design aesthetics.

PERSONAL WORKSURFACE

Node's personal worksurface is adjustable and non-handed, offers ample space, and has a tablet stand to support easy viewing of content. An optional cupholder rotates under the worksurface when not in use.



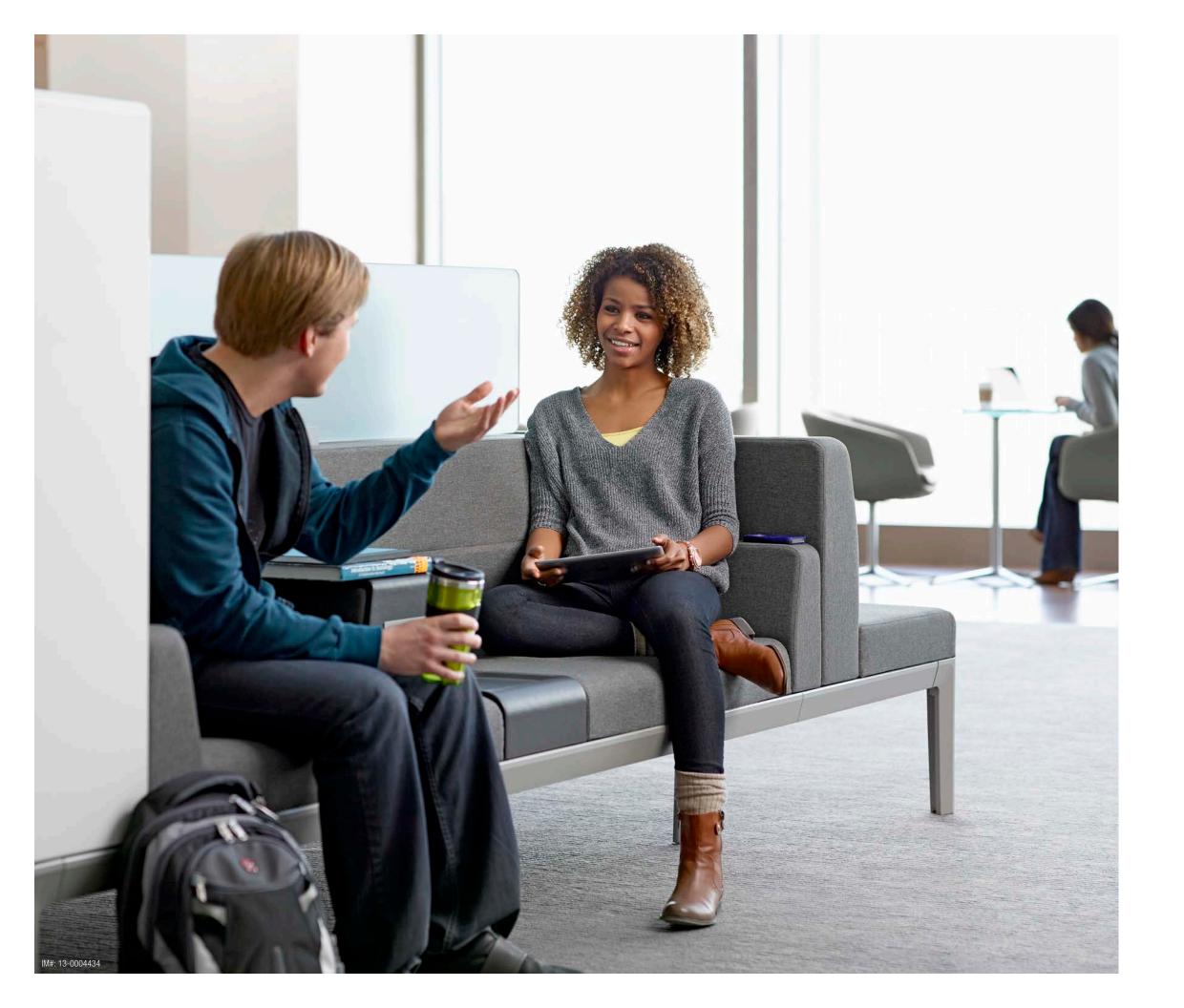
TRIPOD BASE

One of four dynamic base choices, keeps personal belongings safe and offers a natural footrest, a swivel seat and casters for ease of movement.



Regard[™] lounge system

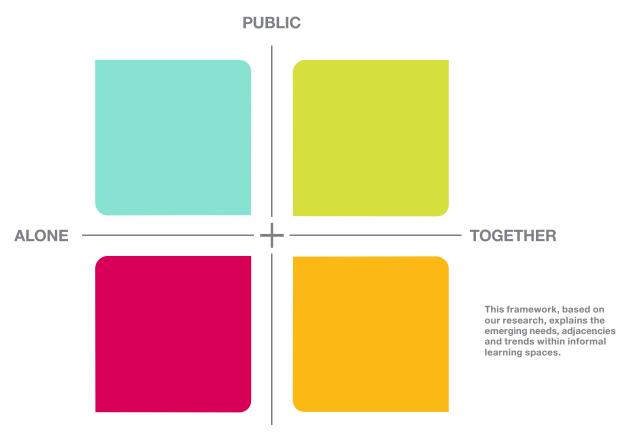




Learning happens everywhere.

Learning is a continuous process, and on today's campuses it extends beyond the classroom to every available space. As active learning increases in and out of the classroom, libraries and other informal learning spaces need to accommodate a broader range of student needs.

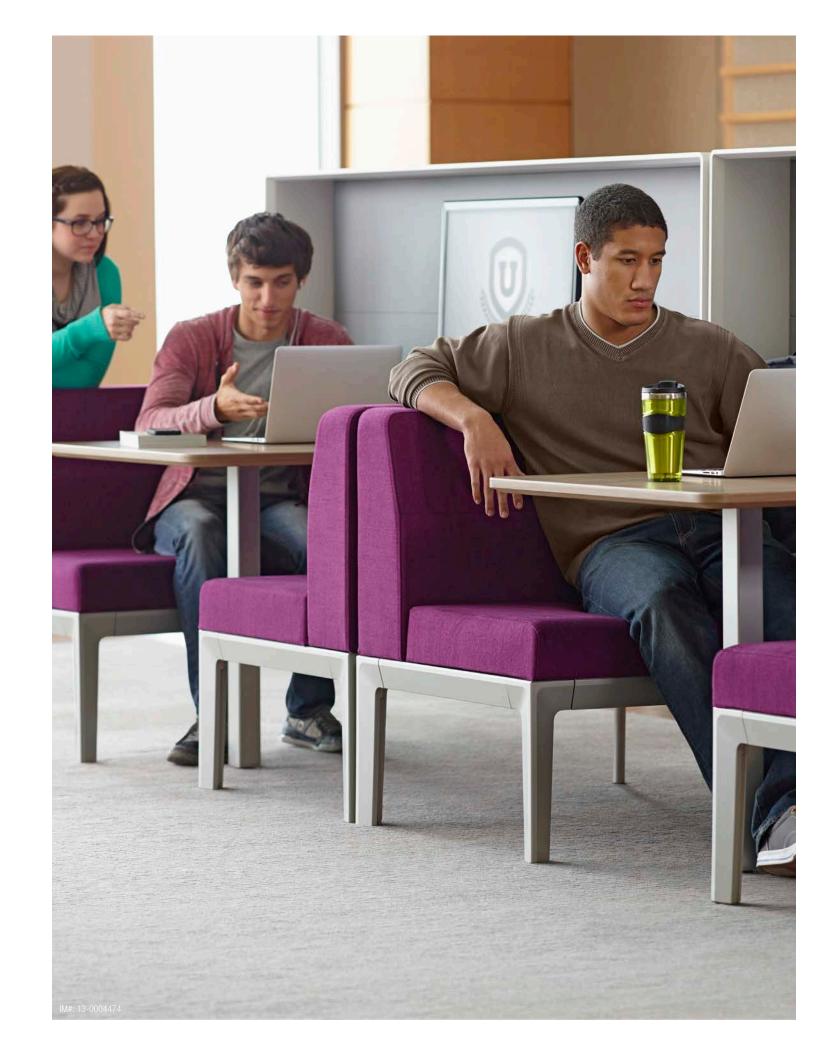
The Regard[™] furniture system provides a range of spaces to support many modes of learning in informal learning spaces, from individual studying to working in groups or socializing with others.



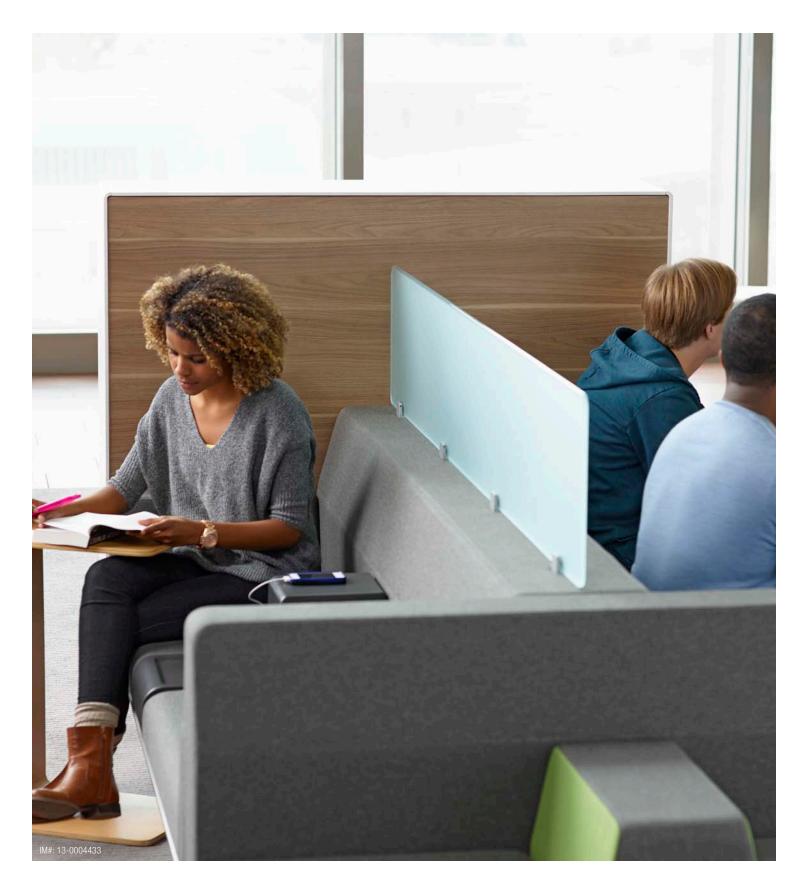
PRIVATE

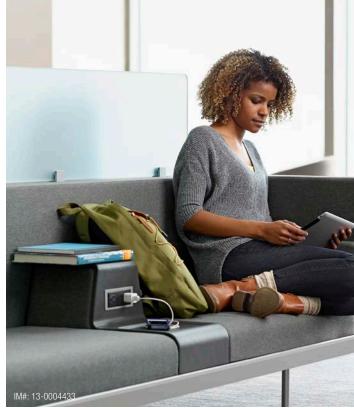
Informal learning spaces should provide students with a choice of destinations to support their individual learning needs. **Self-directed learning spaces are critical to the overall campus environment, and are often where authentic discovery occurs.**

Students shift between focused study, collaboration and socialization throughout their day. To support these diverse needs, informal learning spaces must provide choice and control, accommodating short- and long-term stays, individual and group work—as well as supporting a variety of technology.



Diverse needs require flexible spaces.







PROVIDING CHOICE AND CONTROL

Regard gives students control over when and how they study. Access to a variety of settings provides students with different levels of privacy and promotes both group and solo study.



SUPPORTING COMFORT

Steelcase research shows that working and studying in multiple postures over time is healthier than sitting in one static position. Regard's extra-wide seating and soft armrests allow for a range of postures for keyboarding, reading, relaxing and intense studying, while also providing space for bags and work materials.

MEETING TECHNOLOGY NEEDS

Students require multi-functional spaces that support their study needs before and after class: digital and analog, individual and collaborative. Regard provides easy access to power and information as well as large worksurfaces for computers, mobile devices, books and other materials.



SPACE TO LEARN

Extra space for individuals encourages side-by-side seating, improving density and providing more room for belongings.



POWER WHERE YOU NEED IT Integrated outlets put power close at hand and easy to find. Modular power brings electricity to the middle of any space.



TOUCHDOWN SPACES Easy-to-access touchdown spaces support check-in, library database access, printing and more.

Leveraging real estate.

Providing students with control, comfort and connection to technology in hallways, common areas and lounge spaces leverages often under-utilized real estate. The simplest in-between spaces become multi-purpose spaces for self-directed learning, socializing and collaboration.

ROOM TO STUDY

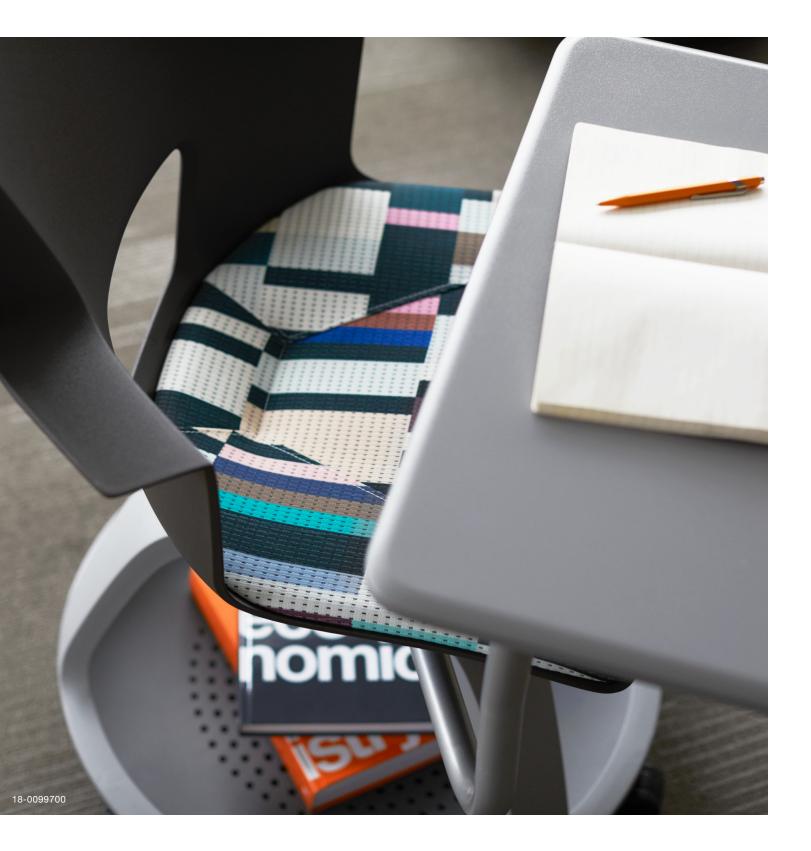
Booth settings provide large worksurfaces, supporting group work or individuals who need to spread out their materials.



DURABILITY & CLEANABILITY

Performance fabrics are durable and easy to clean. The open-base design allows for easy floor maintenance.

KEEPING THE CAMPUS CONNECTED Booth displays enable groups to easily share content with one another for more effective collaboration, or can be used for campus information on school channels.



SHORTCUT FOR EDUCATION

by Turnstone







COMFORT **FOR ACTIVE LEARNING**

Learning has changed. It's no longer a lecture-andchalkboard-only world. Students move, interact, discuss and use technology to maximize learning, yet many classrooms do not support these modes of learning. With Shortcut, students are able to do all that from the comfort of one seat.

Today's classrooms thrive on collaboration, transition and movement — aspects Shortcut was specifically designed to support. With a 360°-swivel seat and rotating worksurface, Shortcut seamlessly integrates in students' work modes, all within the comfort of one classroom.





WHY SHORTCUT?

Shortcut supports multiple approaches to learning, many forms of technology and differing levels of collaboration in the same space. Its modern design, comfortable and generous seat, abbreviated elbows and flexible shell with a tripod base for storage make it the perfect classroom chair.





5-Star

Incredibly versatile, durable and comfortable, Shortcut 5-Star is ideal for short-term sits. Equipped with everything you need, this chair is perfect for personal desks, admin spaces and libraries.

X Base

A fresh take on casual seating, Shortcut X Base's modern aesthetic brings elegance and style to conference rooms and informal spaces.



Tripod Base

With storage for belongings and room for materials, Shortcut with Tripod Base supports the many ways learning happens in today's classrooms.



Wood Base

Perfect for the café or library, Shortcut Wood combines a bold design aesthetic with the warmth of natural materials.

SIMPLY SHORTCUT

Shortcut is a collaborative seating co change postures and stay en

Personal Worksurface

Is adjustable, non-handed and large enough to suppor digital and analog resources

Cushion Option Is available for extra support and comfort.

> **360°-Swivel Seat** Maintains open sight lines.

8

lection that encourages people to move freely, rgized yet comfortable in many settings.

Flexible Seat

Keeps people comfortable in a variety of postures, and the back cut-out maximizes airflow.

Tripod Base

Provides storage for backpacks and personal belongings



Shortcut's back cut-out allows for increased flexibility, providing comfort for high schools and higher education. Abbreviated elbow rests support

Tripod Base

Shortcut's Tripod Base provides easy storage for personal items, freeing the floor of clutter. This storage solution allows students to keep their belongings with them for easier transitions between teaching modes.

Casters

Lend mobility for quick, easy transitions between configurations. Optional glides available.





Personal Worksurface

Large enough to support laptops and mobile devices, Shortcut's Personal Worksurface provides a sturdy and flexible surface for student materials. The rotating arm accommodates both left and right-handed users. Customize Shortcut's Personal Worksurface with a cup holder and tech stand to provide more solutions.



Verb classroom collection



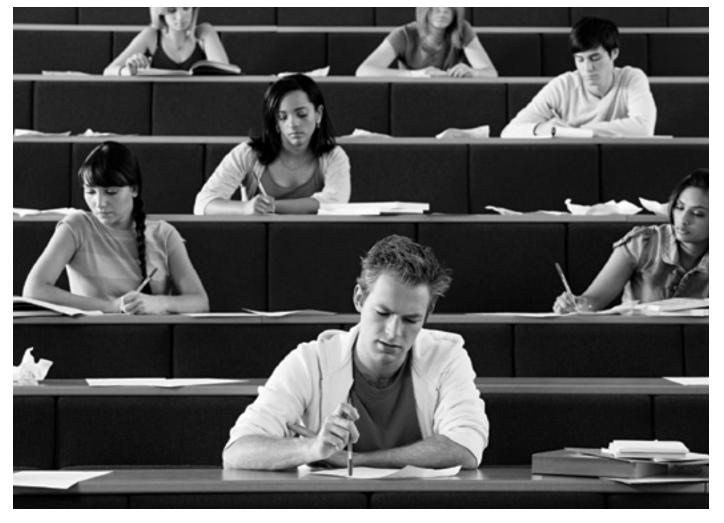


Revolution in the Classroom

Learning in the classroom is more dynamic than ever before. Traditional lecture-only pedagogies are becoming less common, while active learning is on the rise. Today's educators use a variety of teaching modes—from group discussions to in-class projects—to engage diverse learners in ways that meet their individual needs. With a stronger emphasis on active learning, the demands on classrooms are radically changing.

Obstacles to Effective Learning

Instructors and students are embracing active learning, but today's classrooms frequently limit new pedagogies and may not support diverse learning styles. Too often, the greatest obstacles to innovative instruction are traditional furniture and classroom design.



In classrooms with static, hard-to-move furniture, students are not able to actively engage with peers, instructors or content.



Shifting between learning modes in classrooms with traditional furniture can be cumbersome and takes away from valuable learning time. Students need furniture and tools designed for fast, easy transitions.

Existing tools are no longer adequate for today's evolving classroom. Learning tools should assist collaboration, be scaled for personal use and be readily available to both students and instructors.

Furniture must be simple and flexible in order to encourage natural teaching positions, while making the most of limited space.



The Collection That Transforms the Classroom The Verb[™] classroom collection supports a range of learning and teaching styles. Simple mobility and reconfiguration allow students and educators to shift from mode to mode, interact with content, connect to power sources and collaborate with each other seamlessly. With the freedom provided by Verb, active learning can thrive—inspiring students to be motivated, creative and engaged.

STUDENTS IN ACTIVE LEARNING CLASSROOMS REPORT:



 Scott-Webber, L., Strickland, A., & Kapitula, L. (2013). Built Environments Impact Behaviors: Results Of An Active Learning Post-Occupancy Evaluation. *Planning for Higher Education*, Vol 41(5).

with updated data from:

2. Steelcase Education Research 2014. How Classroom Design Affects Student Engagement, 360 white paper.



INSTRUCTOR STATIONS



WHITEBOARDS AND DISPLAY

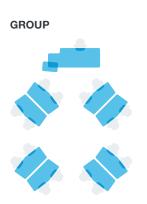


The collection consists of a wide range of tables in a variety of shapes and sizes, whiteboards with easels and wall mount tracks and a mobile instructor station—all designed to increase interaction and collaboration among students, educators and content.

Supporting Many Modes of Learning

Students and instructors shift from independent work to group projects to class discussions and back again without wasting valuable class time. And with built-in analog tool storage and mobile whiteboards, students are able to create and share content from anywhere in the classroom.









DISCUSSION







Collaboration in the **Classroom**

Designed to support the many modes of learning, Verb tables work in any classroom configuration, from lecture to discussion, team or individual work. Unique shapes promote interaction and a range of sizes allows Verb to fit classrooms of any size.



M#: 15-0011225

PERSONAL WHITEBOARDS Foundations for collaboration, display and presentation in the classroom, personal whiteboards are small enough for personal use but large enough to share and work with a team. When used with table-mounted docks, whiteboards create the privacy needed for individual test mode.

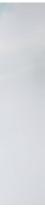


IM#: 12-0002937

STORAGE DOCK

Keep personal items, markers and other classroom supplies in the storage dock, located at the center of each table. When used with a whiteboard, the dock also provides space division for privacy.







SIDE DOCK AND TABLE HOOKS

The side dock holds whiteboards for convenient display and presentation, while table hooks provide convenient storage for whiteboards, backpacks and other personal items.



Choice in the Classroom

Verb supports technology- and analog-driven instruction, while seated and standing height tables support multiple postures for both individual and group work.





WALL TRACK AND EASEL

Each wall hook holds two whiteboards and slides along the track for flexible display and presentation. The easel allows effective display and storage of the whiteboards wherever collaboration might occur.

Engagement in the Classroom

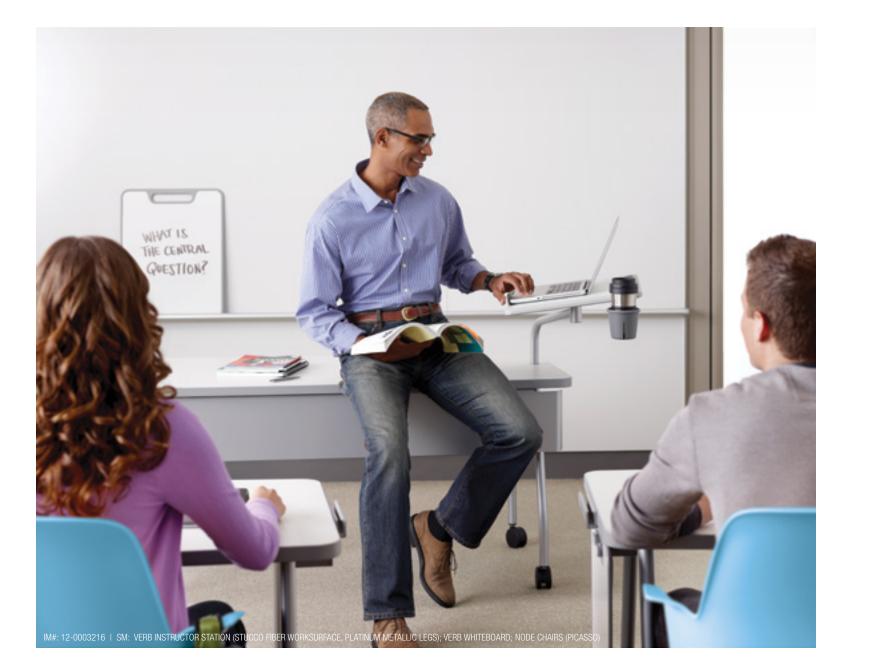
Students are taking a hands-on approach in the classroom, developing the skills they need to solve real-world problems. With the Verb classroom collection, they have the freedom to move around and interact with materials and tools easily. Active learning can happen seamlessly, leading to greater engagement and success in the classroom.





Instruction in the Classroom

The Verb Instructor Station provides the support that educators need to effectively lecture, mentor students one-on-one and accomplish their own individual work.







LECTERN AND INTEGRATED CADDY The lectern accommodates a variety of postures, while the optional integrated caddy provides storage and easy access to materials.





Call 800.333.9939 or visit SteelcaseEducation.com

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ation 🏼 🍯

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