

//node



steelcase  
Education Solutions



we didn't go  
back to the  
drawing board.  
we went back  
to school.

//observations





“The biggest issue with the way the classroom is set up is that it assumes there’s one way of teaching and one way of learning.”

LESLEY, PROFESSOR

And you know what we found? Classrooms stuck in another era.

We found rooms designed for passive one-way learning, tight rows of desks and chairs that inhibit movement and interaction, and instructors confined to the front of the room, where there are few opportunities to connect with students. All in all, we found cramped, static spaces that have little in common with today’s students.

Today, young people bring new tools, new attitudes, and new expectations into the classroom. Their desire for



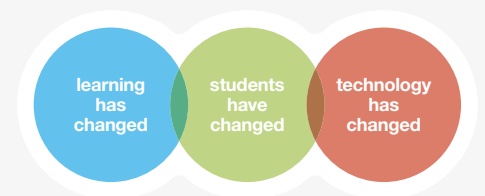
*The inflexible nature of today’s classroom often discourages those with a variety of teaching styles.*

connection is constant. Add campus activities, study groups, and countless one-on-one interactions, and we begin to see just how connected students have become. This need for interaction does not suddenly disappear when they enter the classroom. If anything, it increases.

In order to keep pace, the classroom has to change. Research points to the fact that learning is enhanced when it is social and active. The traditional, lecture-

based “sage on the stage” model has its place. However, a single approach to teaching is no longer enough. Educators are now turning to multiple pedagogies to support multiple learning styles.

The question is, how can today’s classroom best be utilized? Particularly at a time when expanding enrollments and shrinking budgets are calling for more students to fit into existing facilities. While everything about learning is changing, the classroom remains stuck in the past.



*education has changed*

We have good news, though. There’s one solution that’s surprisingly simple.



## Students are wired differently these days. They desire an active learning environment.

While they might not come right out and say it, students expect more from their classrooms than ever before. They want their surroundings to support co-learning, co-creation, and open discussion. Not only does the research indicate this, but it's what you find when you observe young people inside (and outside) the classroom. They're hands-on, tackling a variety of tasks at once. This all leads to the demand for flexible environments.

In the absence of a solution, educators have been faced with a tough choice: promote active learning or organize a classroom to fit as many students as possible. It's one or the other. The existing classroom footprint is only so big, and there's not much flexibility. Until now.

The node™ chair is mobile and flexible.

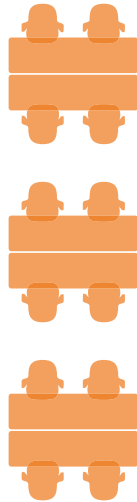
It's designed for quick, easy transitions

between room configurations.

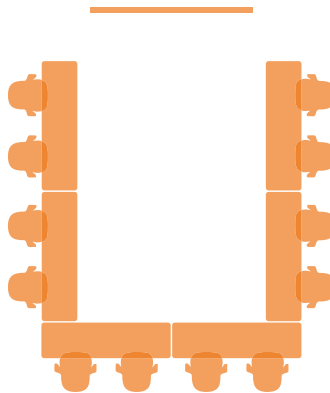
With node, a classroom can flex from a lecture-based mode to a team-based mode, and back again, without interruption. In other words, node can take a passive space and make it active. We know that rising enrollments



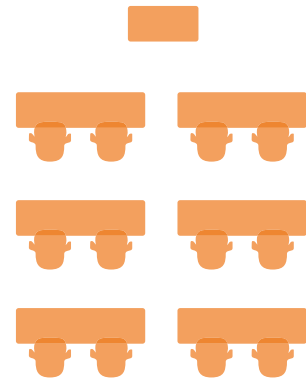
**classroom two**  
node with tables  
(no workspace)



1:30 p.m.  
project team



2:00 p.m.  
large conference



2:45 p.m.  
lecture

**“My most memorable  
classes are the ones  
where we break away  
from lecture and work  
in a team.”**

**ROSHAN, STUDENT**

are putting pressure on classrooms.  
The node chair supports active and  
team-based modes of learning, even  
when student density is important.

A classroom doesn't have to be any larger.  
It simply has to have the right chair.



**introducing node.**







node

// for the many modes of learning



//smart solution





Better classroom performance can be summed up with three simple words.

**Move.** The node chair is highly mobile—a quality that translates directly into classroom performance. After all, a lesson plan can be carried out more effectively when seating is arranged and rearranged effortlessly. Traditional classroom seating has limited mobility, putting the burden on educators to adapt. The node chair, however, accommodates any teaching style.

The swivel seat is another design advantage. It gives students the freedom to shift focus throughout the room. And, because the personal worksurface swivels in tandem, books, laptops, and other information remain at their fingertips. It's subtle, but clear sight lines to the instructor, fellow students, and whiteboards can dramatically enhance interaction.

**Fit.** No two students are alike. With that in mind, the node chair has been designed with an adjustable worksurface, providing a perfect fit for students of all shapes and sizes. The node chair's worksurface accommodates both left- and right-handed students. And, unlike traditional classroom seating, the node worksurface has room for laptops, mobile devices, textbooks, water bottles...whatever students bring to class.

**Store.** Until now, there's been very little thought given to where, or how, students are to stow their backpacks and other personal items. The base of the node chair provides a unique storage solution for backpacks and student belongings that usually clutter the aisles. This allows quicker and easier transitions between teaching modes. An optional cupholder frees up worksurface area for books and technology. Even the arms on node serve a storage purpose. Aside from being a place to rest your elbows, they are designed to hold a backpack or bag, keeping personal items safe, secure, and close at hand.





passes  
with flying  
colors.\*

// chooser and user benefits





**students.** Students log a lot of time in the classroom. Shouldn't the chair they sit in make every minute count? The node chair was designed to help today's student be more comfortable, more connected, and more engaged. Its purpose is to support the very reason educational institutions exist. Student learning.

**instructors.** It doesn't seem right that a classroom should dictate teaching styles. With node, you don't have to choose just one teaching style. By supporting multiple teaching modes, students can become more engaged and maintain better focus. And isn't a classroom full of engaged students more rewarding?

**administrators.** The node chair is a versatile educational tool. It promotes active learning in the unlikelyst of spaces—the traditional classroom. It brings educational performance and renewed energy to the dulllest spaces. Who knows, it might even put the classroom back on your campus tour.

**facilities managers.** Students clearly aren't tasked with taking care of classroom furniture. For those who are, we made durability, maintenance, and warranty top priorities. The node chair carries the standard Steelcase warranty, and meets the most demanding performance criteria on the market. It was designed to provide comfort without upholstery, making it easy to clean. The worksurface is non-handed, making the purchasing process that much easier. And the node chair can be assembled in 30 seconds without tools.

**architects & designers.** The node chair is different. In order to meet the needs of students, campus administrators, instructors, and facility managers, it had to be. Research shows that traditional classroom chairs aren't keeping up with the latest trends in education. We've designed node to perform in any teaching mode, in nearly any educational setting.

✦ Speaking of colors, flip the page to see the many color options of node.



//selected features and statement of line



how's this for out-of-the-box thinking? three simple parts assemble in 30 seconds.





Sterling Dark Solid (6059) with worksurface, tripod platinum base and casters



Citron (6332) with platinum base and casters



Midnight (6259) with five-star base\*



Wasabi (6335) stool with five-star base\*



Picasso (6333) with tripod platinum base and casters



Arctic White (6009) with worksurface, cupholder, tripod platinum base and casters



Jazz Blue (6336) with five-star base\*



Chili (6338) with tripod platinum base and glides



Platinum (6249) with worksurface, cupholder, tripod platinum base and casters



Black (6205) stool with five-star base\*



Element (6337) with worksurface, tripod platinum base and casters

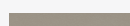
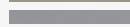
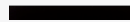


Flash (6334) with tripod platinum base and casters


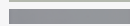
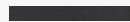
#### dimensions

seat depth	16 9/16" d
maximum seat width	19 1/2" w
seat height from floor	18 1/4" h
back height from floor (not seat)	35" h
base diameter	23.7" w
worksurface size	22 1/4" w x 12" d
worksurface depth adjustment	7 1/4" to 15"
maximum width between arms	20 1/8"
worksurface height from floor	28 1/2"

#### paint palette

	4750 champagne metallic
	4799 platinum
	0835 black

#### tripod base

	6337 element
	6249 platinum solid
	6295 near black

#### worksurface colors

	6249 platinum solid
	6053 seagull
	6654 sand
	6337 element
	6295 near black

\* Fire code certified seating (CAL 133) is available in Wasabi, Jazz Blue, Midnight and Black.

## //sustainability



Every stage of the node chair's life is being considered. We work with McDonough Braungart Design Chemistry (MBDC), selecting materials that are assessed safe for human and environmental health. The node chair is undergoing a complete Life Cycle Assessment, evaluating the chair's lifelong impact on the environment—from materials extraction through production, shipping, use, and end of life. The node chair has received several recognized sustainability certifications, including MBDC's Cradle to Cradle<sup>™</sup> Silver certification, BIFMA Level<sup>®</sup> 2 certification, and Indoor Advantage<sup>™</sup> Gold from Scientific Certification Systems.

In addition to those certifications, node will meet applicable regulatory requirements, some being more recent regulations that focus on material selection and use, including CPSIA (Consumer Product Safety Improvement Act), REACH (Registration, Evaluation, Authorization of Chemicals), and CLP Regulation (Classification, Labeling, and Packaging), all important in making sure our product is the best choice for your students.

### Life Cycle Assessment



### Environmental effects evaluated for the Life Cycle Assessment of the node chair.



#### Global warming

Greenhouse gas emissions can lead to an increase in global temperature. Steelcase works to reduce GHG emissions throughout its manufacturing and transportation processes.



#### Acidification

Reduction in emissions also helps reduce the acidity of rain, other precipitation, lakes, and streams.



#### Eutrophication

This is the naturally occurring degradation of aquatic ecosystems, often accelerated by human activities. Wastewater discharges and fertilizer runoff that contaminate marine ecosystems with excessive nitrogen and phosphorus nutrients are common causes. Reducing emissions like nitrogen oxide can help slow eutrophication.



#### Photochemical smog

VOCs (volatile organic compounds) are virtually eliminated in node manufacturing, helping to reduce this kind of pollution.



#### Abiotic resource depletion

This is the depletion of nonrenewable resources like metal and oil. Because node contains recycled content, it uses far fewer raw materials than many comparable chairs.



#### Waste

Recyclable, node contributes virtually no waste at the end of its useful life. Low-waste packaging and efficient shipping reduce waste even more.



#### Toxic emissions

The node chair contains no mercury, PVCs, asbestos, CFCs, PBBs, HCFCs, or methylene chloride. The target is for node to be certified as a low-emitting product for formaldehyde and other chemicals of concern. Steelcase uses a low VOC manufacturing process for the node chair.

## //design awards and recognitions



Spark!  
International  
Design Award



NeoCon  
Innovation  
Award

INTERIOR  
DESIGN  
AWARDS  
2010

Interior Design  
Magazine  
Best of  
the Year





Whether you design them, manage them, or work in them, we can help you create high performance, sustainable work environments. We study how work gets done and how great spaces can help. Those insights are embedded into every product and service we offer. Our interior architecture, furniture, and technology solutions help organizations build their business, reflect their brand, and support their culture.

We're unique from everyone else in our industry, in that we offer products and services founded in a research methodology that focuses on the user, and how they really work.

We are committed to maintaining our leadership role in terms of sustainable responsibility, and we are equally committed to the customers and designers we work with. Our job is to make your job easier. Our passion is helping you Love How You Work®.

### Global Dealer Network

With a network of over 800 experienced dealers, we can help you create high performance, sustainable workspaces, anywhere in the world. Our network offers you local expertise with global reach. Whether your project is across town, across the country, or across the ocean, our dealer network will coordinate the logistics so you don't have to. It's local expertise with a global reach.

### Steelcase and Dealer Services

Our extensive range of services can help you with all of the phases through which a high-performance environment evolves through: Measure. Explore. Plan. Provide. Manage.

Measure—helping you know if your workplace is keeping pace.

Explore—helping you link your business goals with the best workplace strategy.

Plan—helping you find a solution that addresses your needs.

Provide—helping you every step of the way, from project management to move management.

Manage—helping you maintain an effective space for today and tomorrow.

### Warranty

Steelcase and your Steelcase Dealer are totally committed to providing you a great experience and great products. We back that up with one of the industry's best warranties and a problem resolution process that ensure that any problems that arise get addressed quickly.



***As part of our commitment to sustainability, this brochure was created using an on-demand printing process, enabling us to digitally print materials only when necessary.***

***For high resolution images of these products and more, contact your local workplace consultant or dealer representative.***



Call 800.333.9939 or visit [steelcase.com](http://steelcase.com)

Item #: 11-0002269 8/11 ©2010 Steelcase Inc. All rights reserved. All specifications subject to change without notice. Printed in U.S.A. "Believe it or not," a full-sized Greatest American Hero lunchbox fits comfortably in the base of node.