



HOW IT WORKS
DENSITY TOWER

SATURN

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JUPITER



Puzzle - K Through 12:
Transformative Learning Spaces

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ABOUT TANGRAM

Tangram is an innovator in the design and execution of highly creative interior environments, offices, and education spaces. The firm collaborates with clients as a creative partner to create and manage environments that enhance the client's brand and culture through the expert integration of technology, furniture, floor coverings and service solutions. It creates extraordinary value by providing a remarkable experience throughout each customer's life cycle of needs. A flagship dealer for Steelcase, Tangram also represents hundreds of other well-known leading brands.

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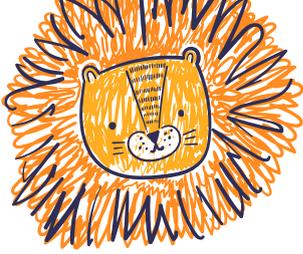
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A LETTER FROM MARK

There's something timeless about a classroom desk. Maybe it's the sense of potential it represents—a small space where big ideas begin. As we reflect on the evolution of K–12 education, it's clear that while the needs of students and teachers continue to shift, the goal remains the same: to create environments that ignite curiosity, support well-being, and foster growth.

In today's world, flexibility isn't just a feature—it's a necessity. Educators are navigating a landscape that includes personalized learning, blended modalities, and increasing emphasis on student agency. At the same time, schools are striving to cultivate community, equity, and creativity within their walls. We believe thoughtfully designed spaces play a powerful role in this mission.

This edition of Puzzle brings together inspiring environments, real-world case studies, and insights from education leaders. From flexible classrooms to dynamic libraries and imaginative makerspaces, each space is a reflection of what's possible when design puts students at the center. These environments empower students to explore, collaborate, and discover who they are—not just as learners, but as individuals.

As you turn these pages, we invite you to envision what school can look like when it embraces both structure and spontaneity—where a simple space can evolve to support every kind of learner.

Let's reimagine learning, together.



Mark Peters, Vice President of Healthcare & Education





The Thacher School Creative & Technology Building Ojai, California

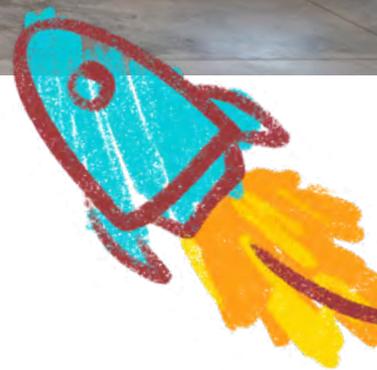




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 **MOORECO**
DOT STOOL





 **MOORECO**
COMPASS CABINET



RUCKUS COLLECTION





ACCELERATOR SIT STAND DESK



MiEN
DIVIDE MOBILE STORAGE

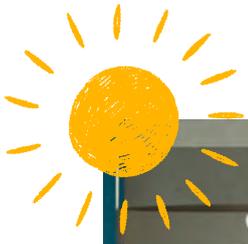


 **MOORECO**
MOOREPOWER TOWER





NATIONAL
MANEUVER TABLE



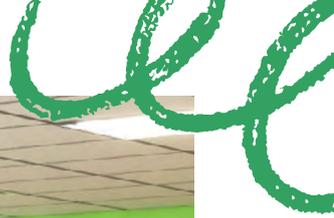




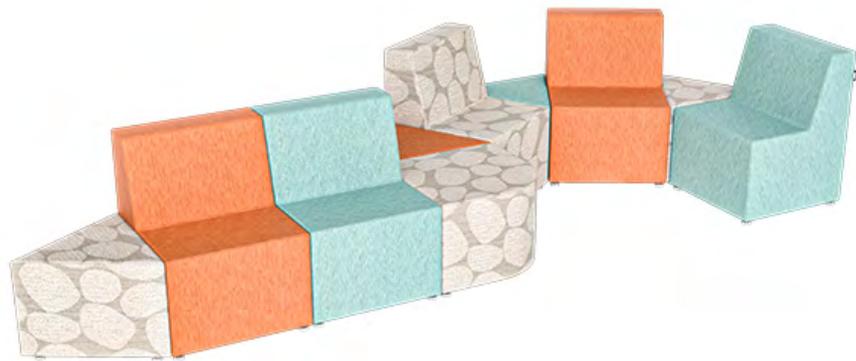
Smith System®
FLOWFORM SOFT ROCKER



HON.
SKIP CHAIR




 NorvaNivel
 ROCKEROTT



MiEN
 GECKO SEATING



 **MOORECO**
BEANIE



MiEN
STAR CHAIR



DESIGN MYTHS BUSTED:

Crafting Educational Spaces For Modern Learners

Remember when you were a kid? The classroom wasn't just a place to learn; it was an ecosystem of adventure, aspiration and discovery.

However, many of today's educational spaces are still bound by outdated design conventions that fail to support modern learners.

Research underscores the importance of flexible classroom designs in enhancing student engagement and learning outcomes. For instance, Edutopia found that creating multiple learning zones within a classroom, such as spaces for teacher-centered instruction alongside areas for active, student-led tasks, can boost student performance and foster a greater sense of connection to the material.

Through innovative, flexible, and inclusive designs, the right educational space can transform how students learn—and how they feel about learning itself.

However, many academic environments are still bound by false beliefs and misunderstandings from previous eras. For example, let's take a look at the top seven myths about education design:





Myth 1: All Classrooms Should Be Arranged in Rows of Desks

Rows of desks have long been considered the standard for classroom design, but they often fail to meet the diverse needs of modern learners. This rigid layout can limit interaction and stifle collaboration, especially in classrooms where engagement is key.

Alternative seating arrangements offer more flexibility and inclusivity. U-shaped setups encourage open discussions and better teacher-student interaction. Small group clusters promote teamwork, while flexible seating options, like standing desks or lounge chairs, let students choose what works best for their learning style.

Suggestions:

- Arrange desks in U-shaped layouts to facilitate discussions and improve teacher visibility.
- Incorporate small group clusters for teamwork and interactive learning.
- Include flexible seating options, such as standing desks or lounge chairs, to give students control over their workspace.

Myth 2: Technology Should Be the Primary Focus in Classrooms

Although technology plays an important role in education, relying on it as the centerpiece of classroom design can create a disconnect between tools and learning outcomes. Technology is most effective when it supports, rather than replaces, traditional teaching methods like direct instruction or hands-on activities.

A balanced approach to technology integration is key. Digital tools, such as interactive boards, can enhance lessons, but they should be paired with tactile resources like whiteboards, manipulatives, or physical materials that promote engagement.

This combination ensures students benefit from technology innovation while developing critical skills through traditional learning practices.

Suggestions:

- Use interactive digital boards alongside tactile resources like whiteboards or physical manipulatives.

- Integrate technology that encourages collaboration, such as shared devices or apps for group activities.
- Balance screen time with hands-on learning to support diverse engagement styles and skill-building.

Myth 3: All Students Need Individual Workspaces for Concentration

The assumption that individual desks are necessary for productivity overlooks the value of collaborative learning. While some students prefer working alone, group activities often foster essential skills like teamwork, problem-solving, and communication. A classroom that prioritizes both individual focus and collaborative opportunities can better support diverse learning needs.

In addition to traditional desks, creating shared spaces like group tables or lounge areas encourages students to collaborate on projects and engage in discussions. Quiet zones or semi-private seating options can provide an alternative for those who need time to concentrate independently.

Suggestions:

- Incorporate shared tables for group projects and collaborative discussions.
- Add lounge-style seating or quiet corners for independent work and reflection.
- Use movable partitions or modular furniture to adapt spaces for different activities easily.

Myth 4: The Classroom Layout Should Remain Static

A static classroom layout may seem practical for maintaining consistency, but it can limit how spaces are used to support different teaching methods and activities. A rigid setup often makes adapting to varying lesson objectives or group dynamics harder, leaving teachers and students with fewer options to engage effectively.

Flexible layouts, on the other hand, empower educators to reconfigure spaces as needed. Movable furniture, modular seating, and adjustable tables allow classrooms









to shift seamlessly between lectures, group work, and independent study. This adaptability makes it easier to accommodate diverse teaching styles and learning activities.

Suggestions:

- Use movable furniture to adapt the classroom for various teaching activities quickly.
- Incorporate modular seating and tables that can be rearranged for group work or individual focus.
- Design spaces that support flexibility, ensuring the classroom can evolve with lesson plans.

Myth 5: Natural Lighting Is Not a Priority in Classroom Design

Artificial lighting may seem like a convenient solution for classroom design, but it lacks natural light's benefits.

Research consistently shows that exposure to natural light improves focus, enhances mood, and supports better cognitive performance. Classrooms relying solely on artificial lighting may miss these advantages, creating less optimal learning environments.

Integrating natural light into classroom spaces can make a significant difference. Windows, skylights, and adjustable blinds bring in daylight and allow teachers to manage brightness levels to suit different activities. Thoughtful lighting design creates a healthier and more stimulating atmosphere for students.

Suggestions:

- Install windows or skylights to bring natural light into learning spaces.
- Use adjustable blinds or shades to control brightness and reduce glare during lessons.
- Combine natural light with well-placed artificial lighting to maintain balance throughout the day.

Myth 6: Bright, Bold Colors Are Best for Engaging Students

Bright, bold colors seem like a good way to energize a classroom, but they overwhelm students and make it harder to focus.

Instead, consider calming, neutral tones with strategic

pops of color to create a more balanced environment. This helps students feel both relaxed and attentive. Plus, a thoughtful color palette can significantly influence mood and engagement.

Using color intentionally can enhance learning spaces without being distracting. Neutral backgrounds provide a sense of calm, while accents in stimulating hues can highlight specific areas or reinforce a theme. This balance ensures the classroom feels inviting and supports concentration.

Suggestions:

- Use neutral tones for walls and larger surfaces to create a calming base.
- Add pops of color through furniture, artwork, or decor to stimulate interest without overwhelming.
- Designate color-coded zones to organize learning areas and reinforce focus visually.

Myth 7: Large Open Spaces Are Always Better for Learning

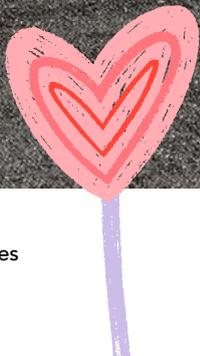
Large, open spaces are often associated with creativity and collaboration, but they're not always the best fit for every learning activity. Expansive layouts can feel impersonal and make it difficult for students to focus, especially during tasks that require concentration or small-group interactions.

Sometimes, smaller breakout areas are more effective for fostering productivity and meaningful discussions.

A balanced approach that combines open areas with cozy, quiet zones ensures classrooms can accommodate a variety of activities. From independent study to group projects, having designated spaces for different purposes allows students to choose environments that suit their needs.

Suggestions:

- Design a mix of open common areas for collaborative work and smaller zones for individual focus.
- Create breakout spaces for small-group discussions or independent tasks.
- Use furniture or partitions to define distinct spaces within larger classrooms for better functionality.



Rethinking the Future of Learning Spaces

Designing educational spaces is about creating environments that inspire curiosity, foster collaboration, and adapt to the ever-changing needs of modern learners. By confronting myths like those shared above, we can innovate old classrooms and better support student success.

Every element of a learning space sends a message about what's valued. Are we encouraging creativity and inclusivity, or are we reinforcing rigidity and uniformity? Now is the time to challenge outdated ideas!

To explore innovative approaches to educational design, consider how Tangram's flexible, inclusive, and engaging spaces can redefine what learning looks like.*

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AUTHOR
Tristin Kranenburg

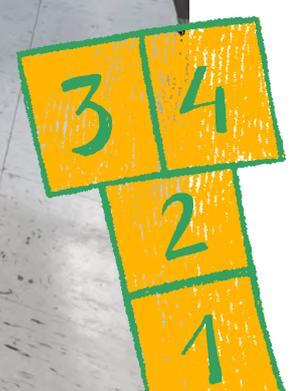
As Sales Director for Education in Southern California, Tristin Kranenburg leads Tangram's Education team, driving strategic growth and fostering new relationships in the sector. Her expertise, dedication, and client-centric approach continue to strengthen Tangram's presence in the education market. With nearly eight years at Tangram, Kranenburg brings a wealth of experience in sales, account management and strategic leadership.

Throughout her tenure, she has played a pivotal role in managing and expanding key client relationships, particularly within the education sector. Kranenburg has been deeply involved with UCLA since joining the company, cultivating strong partnerships and overseeing a wide range of opportunities across the academic campus.



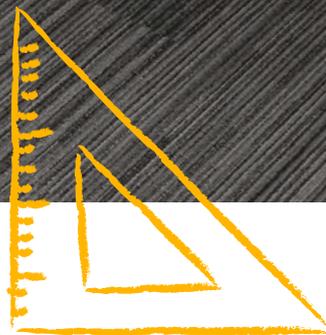


CLASSROOM





Steelcase®
ELBROOK TABLE





PARAGON
ADJUSTABLE STUDENT DESK



MiEN
A3+ STUDENT CHAIR

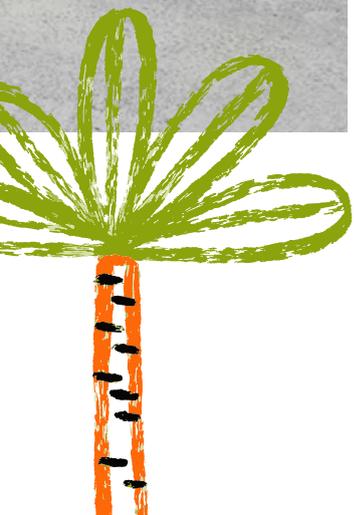


 MOORECO
ENROLL TABLET CHAIR





 **MOORECO**
COMPASS MOBILE TEACHER DESK



SCALLOP DESK



MiEN
OTM FLIP TOP TABLE

CASE STUDY

Daniel Jones Middle School

After the successful project completion for Rock Hill High School in Prosper ISD, Tangram was again engaged to furnish the brand-new Jones Middle School right next door.

Tangram provided durable furniture for almost the entire space, including the lobby, reception, administrative offices, media center, makerspace labs, cafeteria, collaboration spaces, special education classrooms, music rooms, and all classrooms. We curated a variety of furniture from Steelcase, CEF, Encore, and others that created collaborative and flexible spaces that supported neurodiverse learning, collaborating, and socializing.

Jones Middle School, designed to hold 1,500 students, is the first middle school with this floor plan and has set the furniture standard for all middle schools in the district moving forward.







Smith System[®]
ELEMENTAL NEST & FOLD TABLE

Steelcase®
SHORTCUT CHAIR







Steelcase
NODE CHAIR




NorvaNivel
CONCLAVE SEATING



① WHO DO WE WANT OUR USERS TO BE?
② WHAT SINGLE PATH DO WE WANT THEM TO START ON?
③ WHO WILL BE WAITING AT THE OTHER END TO GREET THEM?

 **MOORECO**
FREQUENCY TABLE





Smith System®
SILHOUETTE SIT STAND



Smith System[®]
OODLE



CASE STUDY

The Thacher School Creative & Technology Building

The Thacher School is anything but typical. Students at this elite private co-educational boarding school encounter a combination they won't find anywhere else: demanding academics, tough character-building challenges, and a healthy, authentic community culture that supports them every step of the way. It's how Thacher succeeds in shaping resilient, compassionate, and ambitious young people who are prepared to take on the challenges of today's world.

The 23,000-sq-ft Creative & Technology Building is the first step in a campus-wide strategic effort to reimagine the modern learning environment. Centered around a light-filled atrium, three robust, barn-shaped facilities contain adaptable art studios, lecture halls, classrooms, a science lab, robotics workshops and collaborative teaching and learning spaces.

Designed to replace an existing outdated classroom building, this project-based learning hub anchors a re-envisioned academic core. The building is designed to LEED Gold and is predicted to use 41% less energy than similar buildings. Approximately 90% of the energy supply will come from on-campus renewable sources.

The facility includes robust barn-like buildings housing studios, classrooms, and maker spaces surrounding a light-filled collaboration core – designed for 21st century active learning while respecting rustic traditions of The Thacher School. At the heart of the building, a two-story collaboration/presentation space enables interdisciplinary learning. In addition to allowing for less formal lectures and gatherings, the

space also supports flexible breakout work, gallery, exhibition, and art/design pin-up. This transparent, innovative inner core creates connections – visual and physical – at the individual, class, and campus-wide scale. Collaboration and multi-disciplinary interaction are fostered.

Surrounding this collaborative core are high-tech maker spaces, light-filled classrooms, and “rough-house” studios – with all spaces connecting directly to the core as well as to outdoor workspaces. The design establishes positive site relationships between the new building and the existing campus.

Tangram provided classroom and lounge furniture throughout the building. Formaspace Basix work tables with a maple stain surface were paired with Schools In 6200 Series work stools and SOI Lumin chairs. Claridge magnetic rolling whiteboards and DC Graves/Global Industrial rolling storage allow for active and flexible classrooms. All pieces selected were contract grade to meet durability requirements and fit the functional needs and aesthetic of a forward-thinking educational environment.





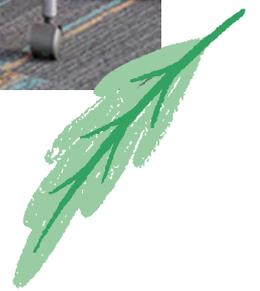
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RUCKUS DESK

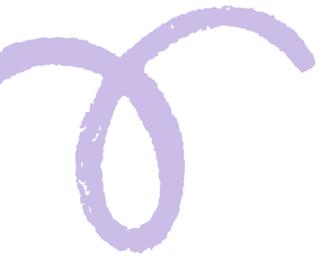


Smith System®
GROOVE SEATING



Smith System®
INTERCHANGE DESK

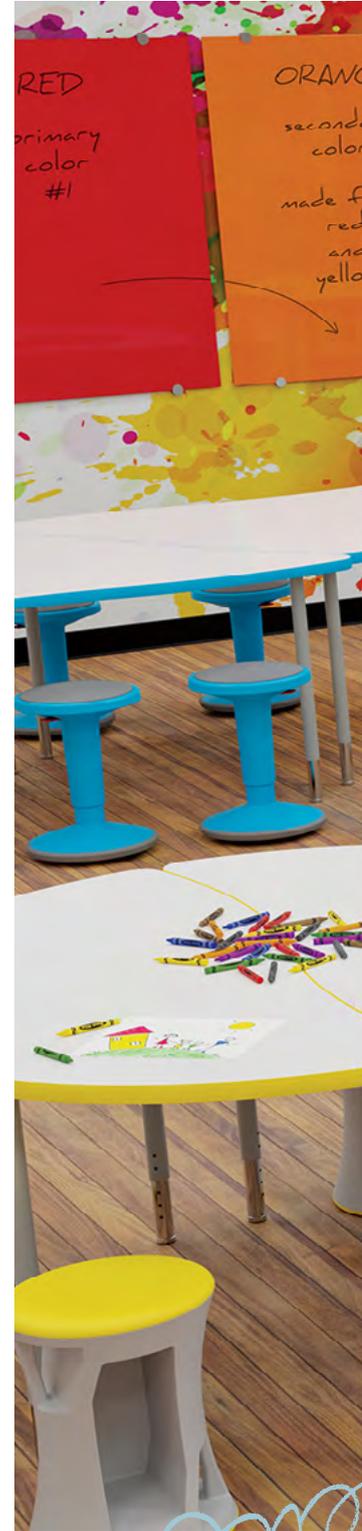




 **Fleetwood**[®]
Creating effective learning environments[™]

E! SEATING







 NorvaNivel

PEBBLETREE TABLE



BALANCE STOOL







Steelcase®
THREAD POWER DISTRIBUTION

$$y = \frac{x^2 - 5}{x^2 + 2}$$





Fleetwood[®]
Creating effective learning environments[™]

DESIGNER 2.0 STORAGE





HON.
CLASS-IFI STORAGE



Smith System®
CASCADE TEACHER DESK




NorvaNivel
WORKPAD



MiEN
GR8 TEACHER DESK

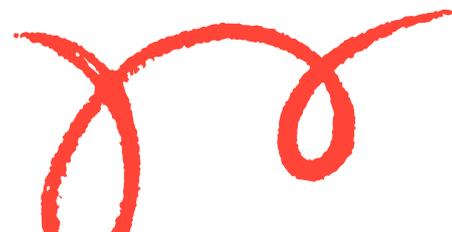


HON.
ROLL CALL LECTERN



AMQ

POWER BOX





omnicharge[®]
OMNI POWER STATION



natural pod[™]
IMAGINE PLAY STAND



DESIGNING FOR ELEMENTARY SCHOOLS:

Creating Spaces That Inspire Young Minds

Elementary schools aren't just places for reading, writing, and arithmetic—they're spaces where curiosity is sparked, creativity is nurtured, and lifelong learners are made. Our mission is to design furniture that supports these early educational journeys, helping educators create classrooms that adapt, inspire, and grow alongside their students.

—

Smith System Article

Why Classroom Design Matters in Elementary Education

Young students thrive in environments that are dynamic, flexible, and engaging. A well-designed classroom can improve focus, foster collaboration, and encourage movement—all key factors in supporting

the developmental needs of elementary-aged children. By considering how students interact with their surroundings, educators can create spaces that not only accommodate learning but also enhance it.





Key Elements of Effective Elementary Classroom Design

Flexibility and Adaptability

Flexibility in schools is key to supporting diverse teaching styles and dynamic learning environments. Elemental® Desks are designed with this in mind, offering lightweight, mobile, and easily reconfigurable options that allow educators and students to quickly adapt spaces for individual work, group collaboration, or classroom discussions. The desks can be easily moved and rearranged to suit any lesson plan.

Comfort and Ergonomics

Properly sized furniture, such as our Flowform rockers, helps maintain comfort and posture, reducing distractions and promoting better focus. The Rockers are designed with a gentle rocking motion that helps students release excess energy while staying seated, promoting both comfort and concentration.

Collaborative Spaces

Encouraging teamwork and communication is essential in early education. Our Foresight™ Activity Tables are designed to facilitate group work while still providing personal space, striking a balance between collaboration and independence. These tables come in various shapes and sizes—from clover to trapezoid—allowing teachers to create dynamic learning clusters tailored to different classroom activities.

Incorporating Movement

Elementary-aged children have boundless energy, and incorporating opportunities for movement into the classroom helps channel that energy productively. Our Oodle® Stool offers adjustable heights and a swiveling base, encouraging active sitting and fidget-friendly focus. Additionally, Interchange Desks can be easily moved for flexible seating arrangements that promote mobility and engagement.

Aesthetic Appeal

Bright, cheerful colors and inviting designs can create a positive learning environment. Our furniture lines offer a range of color options to match any classroom theme, and materials are designed for both durability and visual appeal. The Numbers® Student Desks feature sleek lines and customizable color choices, helping create an environment that is both functional and inspiring.

Calming Spaces

Calming spaces in schools help students feel relaxed, focused, and ready to learn by reducing stress and overstimulation. The Flowform® line supports these environments with its soft, organic shapes and flexible, modular design, allowing educators to create cozy, inviting spaces that promote comfort and well-being. The ergonomic seating encourages a sense of calm while adapting to various learning styles and needs.





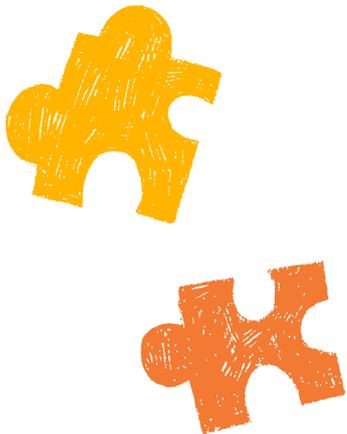




MAKERSPACE




NorvaNivel
STEAMSPACE



NATIONAL
WEITZ STOOL



 MOORECO

COMPASS MAKERSPACE TABLE

CASE STUDY

Cate School

Cate School, a prestigious boarding school for grades 9-12 in Carpinteria, California, serves between 310-500 students each year. To keep pace with contemporary educational and social needs, the school undertook an ambitious revitalization of its Raymond Commons—a central hub for student dining, socialization, and collaborative learning.

Project Goals

The primary goal for the new Raymond Commons was to create a dynamic environment suited to interdisciplinary studies, combining computational thinking, design, engineering, and the arts. The redesigned space needed to include versatile facilities such as an ideation lab, digital arts lab, creation courtyard, and indoor/outdoor reading and study pods.

Solutions & Highlights

As the furniture dealer for this transformative project, we provided contract-grade furniture to meet Cate School's vision. Our sourcing included premium pieces from industry-leading brands like Steelcase, West Elm, Andreu World, Tierra Contract, Restoration Hardware, ERG International, OFS, and customized onsite cushions for the stadium seating space.

Indoor/Outdoor Flow

- To enhance usability and comfort, we furnished the outdoor area with stylish, durable furniture for dining and relaxation, accented by umbrellas to ensure students could comfortably socialize outdoors year-round.

Dynamic Social Spaces

- Inside Raymond Commons, we created versatile seating configurations designed for various group sizes and activities, from large collaborative discussions to private individual study. High-quality, aesthetically pleasing soft seating from Steelcase and Restoration Hardware ensures that the space remains welcoming and comfortable.

McIntosh Reading Room

- A standout feature is the McIntosh Reading Room, offering multiple seating formats reminiscent of a modern collegiate environment. High-top tables, cozy lounge chairs, and built-in booths ensure students have the flexibility to find their ideal spot for study, interaction, or quiet reflection.

Learning Labs

- Furniture choices in the ideation and digital arts labs were selected to encourage creativity and collaboration. Modular furniture from ERG International and OFS accommodates various teaching and learning styles, allowing rooms to adapt rapidly to evolving curricular needs.

Results & Impact

The revamped Raymond Commons is now a vibrant social hub that reflects contemporary educational values while respecting the unique campus culture of Cate School. Our thoughtfully selected furniture solutions have helped transform the space into an adaptable, modern environment perfectly aligned with the school's vision for interdisciplinary education and student interaction.

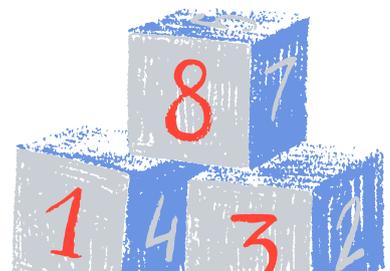
This refreshed setting encourages students to gather comfortably, collaborate effectively, and engage deeply, enriching their overall educational experience and reinforcing Cate School's reputation as a leader in holistic secondary education.







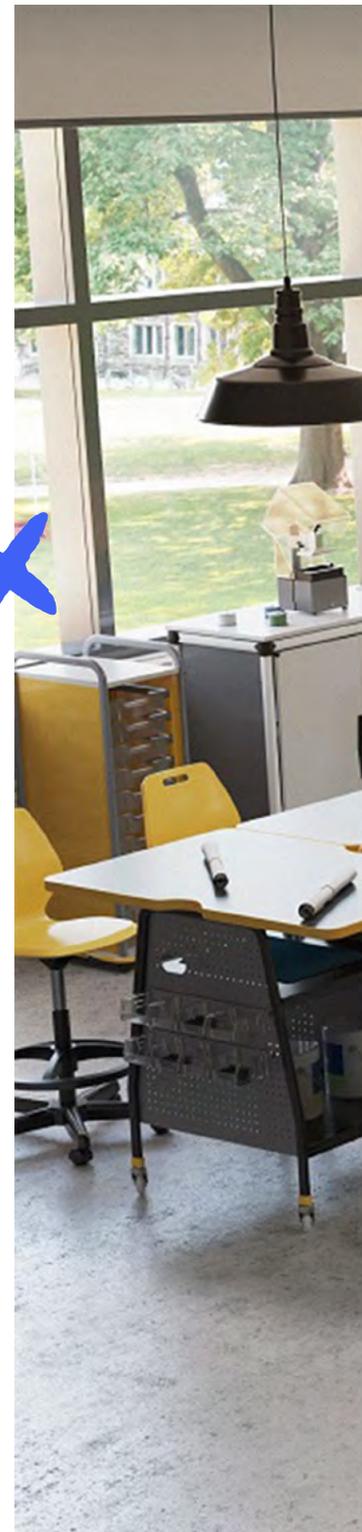
MAKERSPACE WORKTABLE & ACCELERATOR



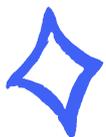


MAKERSPACE WORKS STOOLS





cef
INNOVATE. CREATE. REPEAT.
CHAMELEON COLLECTION



HON.
SMARTLINK COLLECTION



PARAGON
MAKER INVENT TABLE



CASE STUDY

Del Mar Union Elementary School District

The Del Mar Union School District serves students in Preschool through sixth grades in north coastal San Diego County. The district includes 9 schools in the cities of Del Mar and San Diego with a total enrollment of approximately 3,900 students.

Over the last eight years, the District has focused on reimagining learning spaces to facilitate the experiences that students need to be successful in a rapidly changing world. Through an iterative process that started with pilot classrooms at two schools and spread to multiple grade levels, District leadership collaborated with Tangram, principals and classroom teachers to trial and test environment options, including flooring, use of whiteboards, classroom technology, and a variety of flexible furniture. As the optimal classroom environment came into focus, the District committed funds from a voter-passed general obligation bond to modernize classrooms at every school on an annual basis. Rather than making students and teachers at newer schools wait until their whole site got its turn for modernization, grade levels at each school are modernized each summer. Combined with high-quality professional learning, this rolling modernization built capacity across school sites while also building excitement and interest in the parent community.

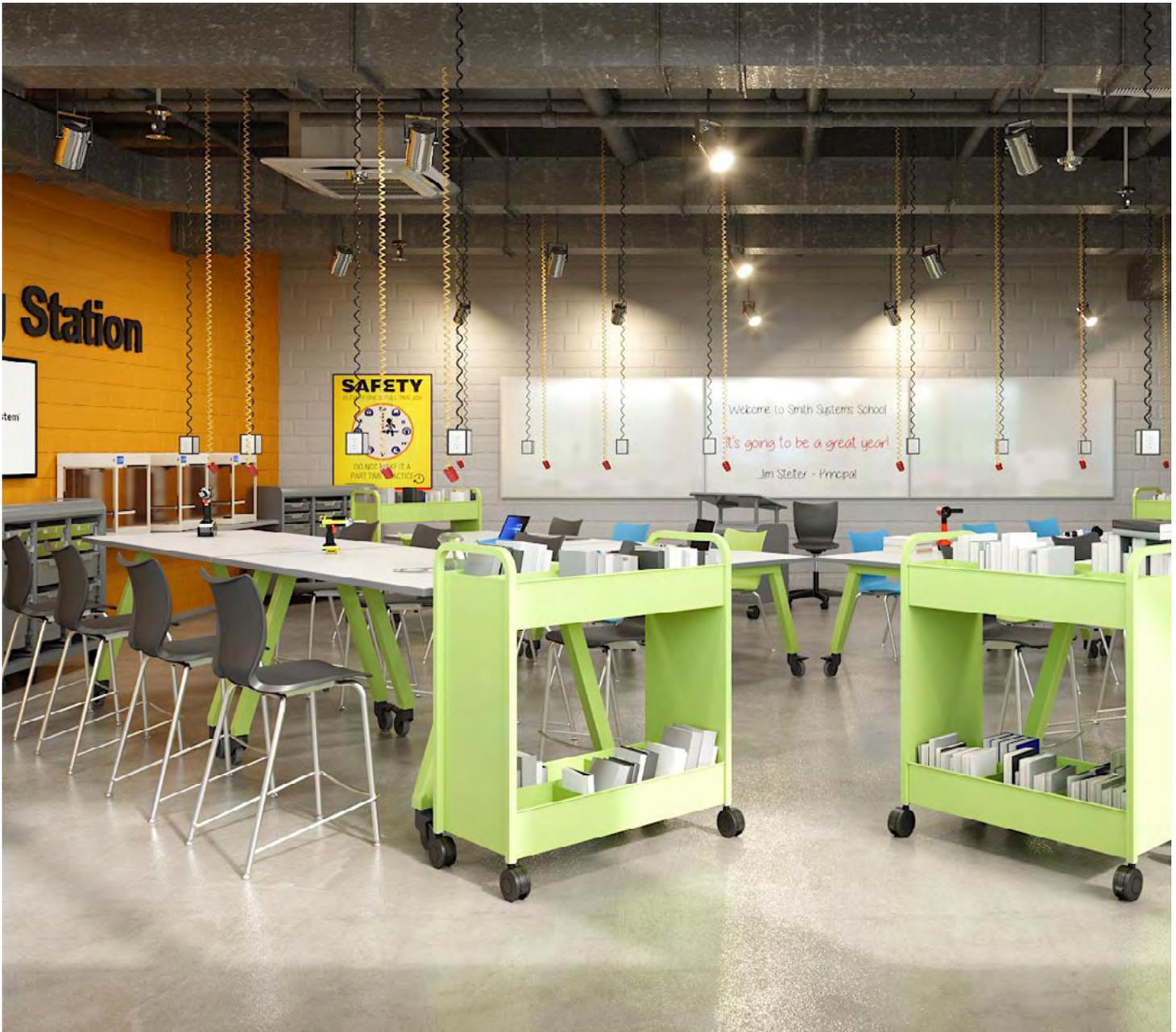
With user testing and research in our back pocket, Tangram provided a range of Norva Nivel furniture for kindergarten through 6th grade classrooms.

The focus of the furniture installation has been to provide comfortable, flexible learning spaces that allow students and teachers to easily configure and reconfigure the space to facilitate small group, large group, and individual learning needs. A culture of thinking that embraces student agency and empowerment is at the center of all classroom modernizations.

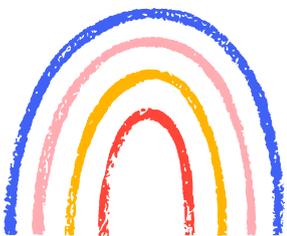
"In conjunction with support from a variety of vendors, the team at Tangram assisted us in the selection, purchasing, and installation of flexible furnishings for multiple classrooms across several schools in the Del Mar Union School District this past summer," says Alison Fieberg, Assistant Superintendent of Instructional Services, DMUSD. "Their detailed renders made it so that our installation process was smooth and that teachers were able to enter their new classroom environments to start the year with a vision of how the furniture could initially be set up to provide different learning opportunities for students."







Smith System®
PLANNER MAKERSPACE TABLE



HON.
BUILD TABLE

Smith System®
PLANNER STUDIO TABLE







LIBRARY + MEDIA SPACES



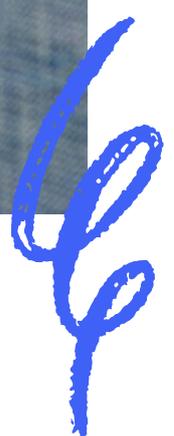
HON.
TANGRAM SEATING



 **MOORECO**
COCOON COLLECTION



 **media**
technologies
NOMAD CIRCULATION DESK





ee



media technologies
WORK + BOX ISLAND



MOORECO
ELEVATE STEPS

oo



PARAGON

*INFORMATION COMMONS LIBRARY
CIRCULATION DESK*

CASE STUDY

Chula Vista Elementary School District

Tangram collaborated closely with Chula Vista Elementary School District to upgrade libraries across 10 of their elementary schools located in San Diego County. The schools include: Casillas, Chula Vista Hills, East Lake, Harborside, Los Altos, Palomar, Park View, Rosebank, Valley Vista, and Wolf Canyon.

The activities that can be facilitated in libraries range from collaborative learning to quiet and reflective learning. Therefore, incorporating storage, surfaces, and flexible seating in these spaces is an essential element of allowing for versatility. With this in mind, Tangram provided storage and flexible seating from education furniture manufacturer NorvaNivel that encouraged various learning modes for students across all locations. Product highlights include the Amphi curved and tiered soft seating for group reading time, CrashPod pillows and WorkPad cushions for solo floor reading or reflective work, GrassyOtt Domes that are ideal for encouraging concentration in tactile learners, Conclave curved seating and storage for multi-uses, and Fablio tables and RocerOtt10 stools for both collaborative and individual reading and writing work.

The intentionality behind these library spaces allows for more engagement, collaborative working, and higher-level thinking skills as children have the agency to choose the best learning environment for themselves.

“Wolf Canyon’s newly transformed library is now a vibrant hub of learning and imagination that reflects our continued commitment to the education of our students,” said Wolf Canyon Elementary School’s Principal Casey Lange.

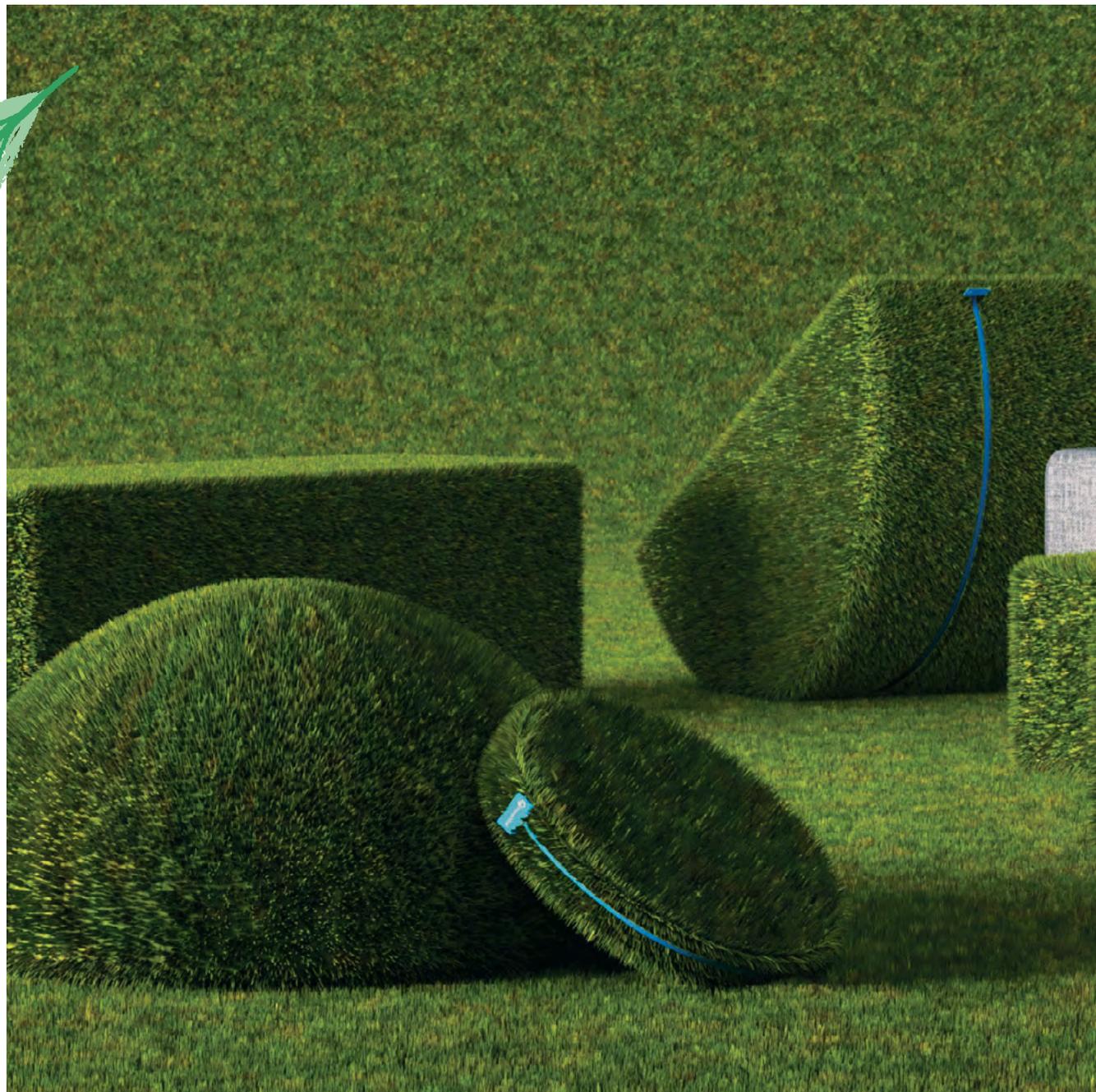
The staff and students are thrilled with all of the new libraries and the school district has made them the standard for future upgrades.

“Our new library spaces represent the district’s commitment to nurturing students’ potential through high-quality education, said Los Altos Elementary School Principal Dr. Maria Canales. “Our new library will serve as a resource to students, allowing them to continue to learn and grow while igniting their love of reading.”










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CASE STUDY

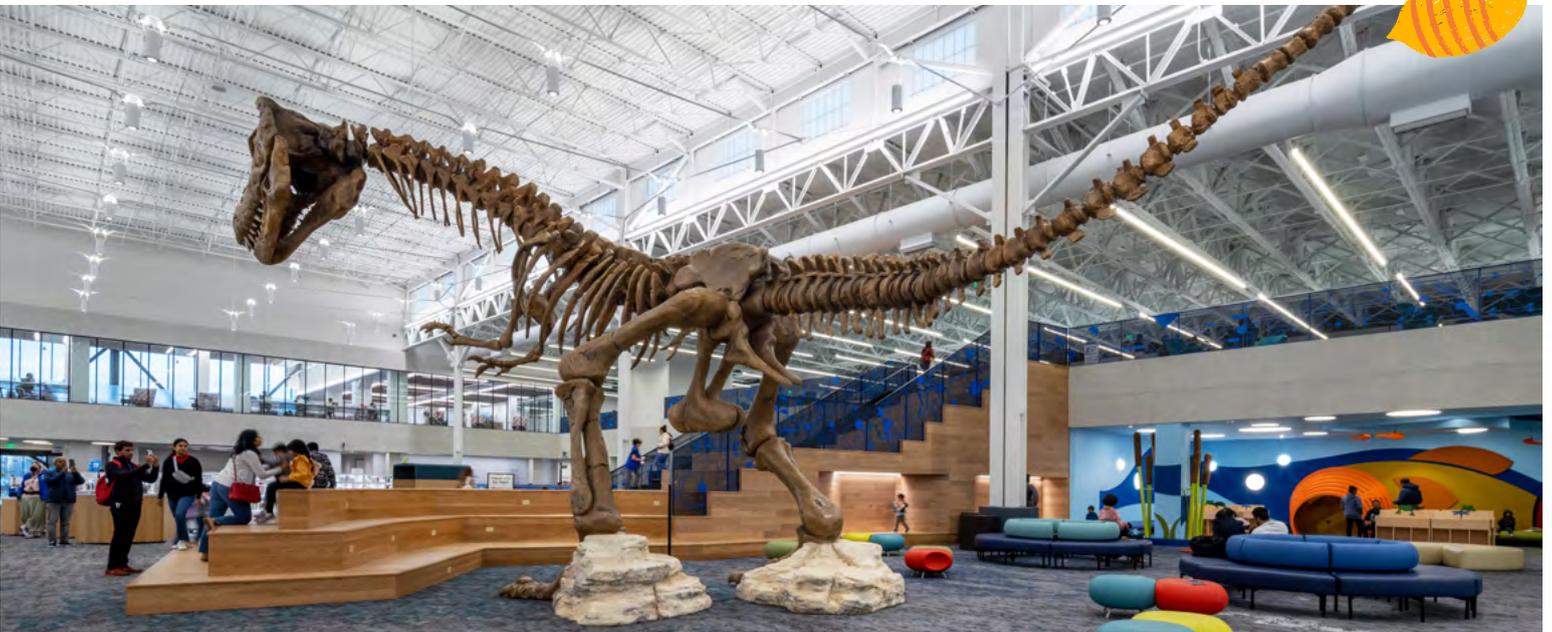
Frisco Public Library

Now the sixth largest library in Texas, The Frisco Public Library connects the residents of Frisco and surrounding areas to information and inspires intellect, curiosity, and imagination. Along with a wide selection of books, the Frisco Public Library also offers interactive activities such as kid's clubs, a gaming area, reading challenges, poetry workshops, yoga classes, book readings, and more.

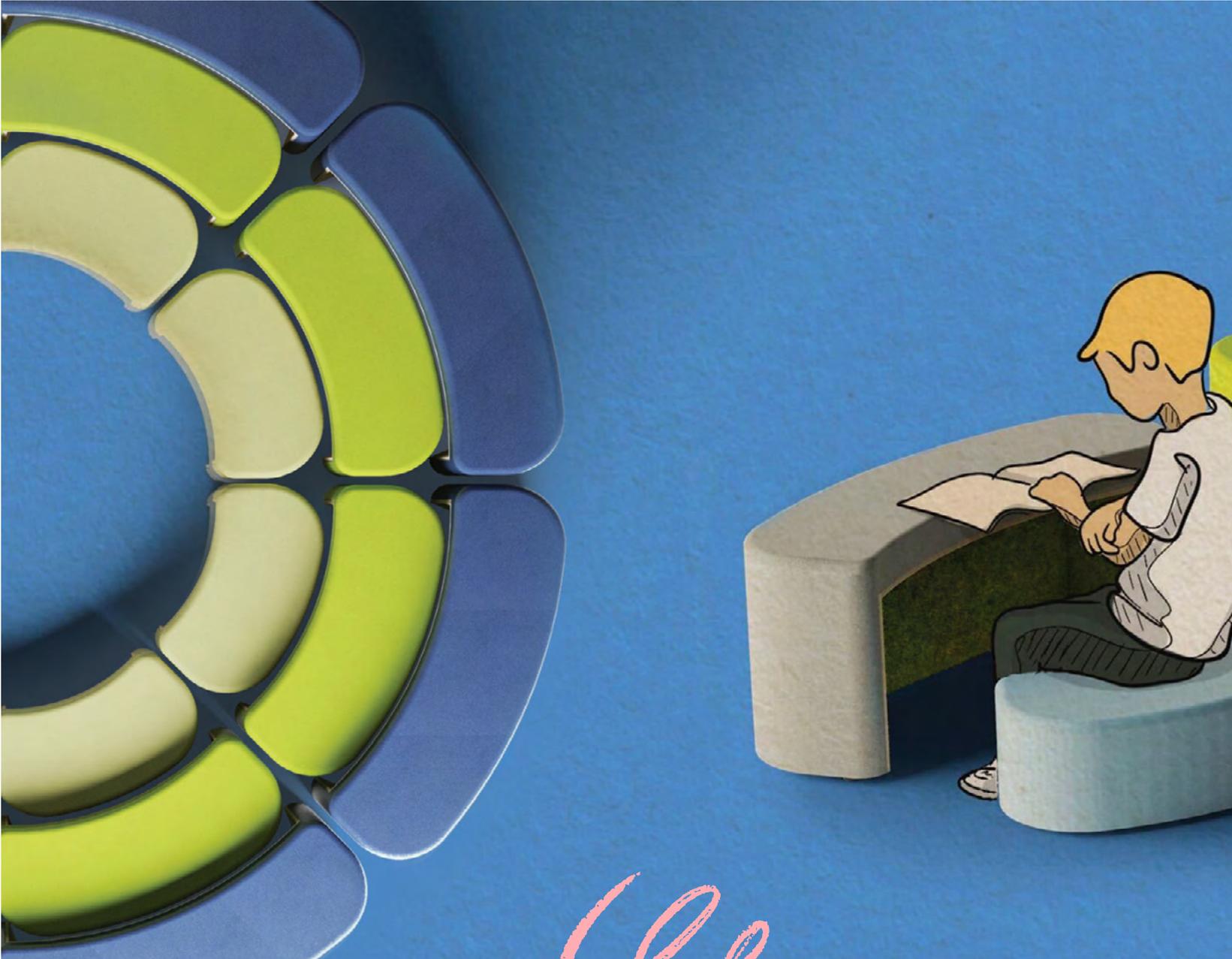
The library recently moved and upgraded to a new location with three times the square footage to accommodate for the active community involvement and offer more activity spaces. Reimagined as a public library, this beautiful adaptive reuse project gives new life to a structure that once manufactured both rockets and chicken nuggets. Frisco Public Library's design celebrates the ecological history of the Blackland Prairie and facilitates dynamic, active learning that empowers its visitors and staff. Our team provided office furniture used by the library employees. This furniture includes reading/working pods, reception, private offices, and workstations.

The furniture provided was designed to change with the library as times change, all incorporating flexibility into the space.

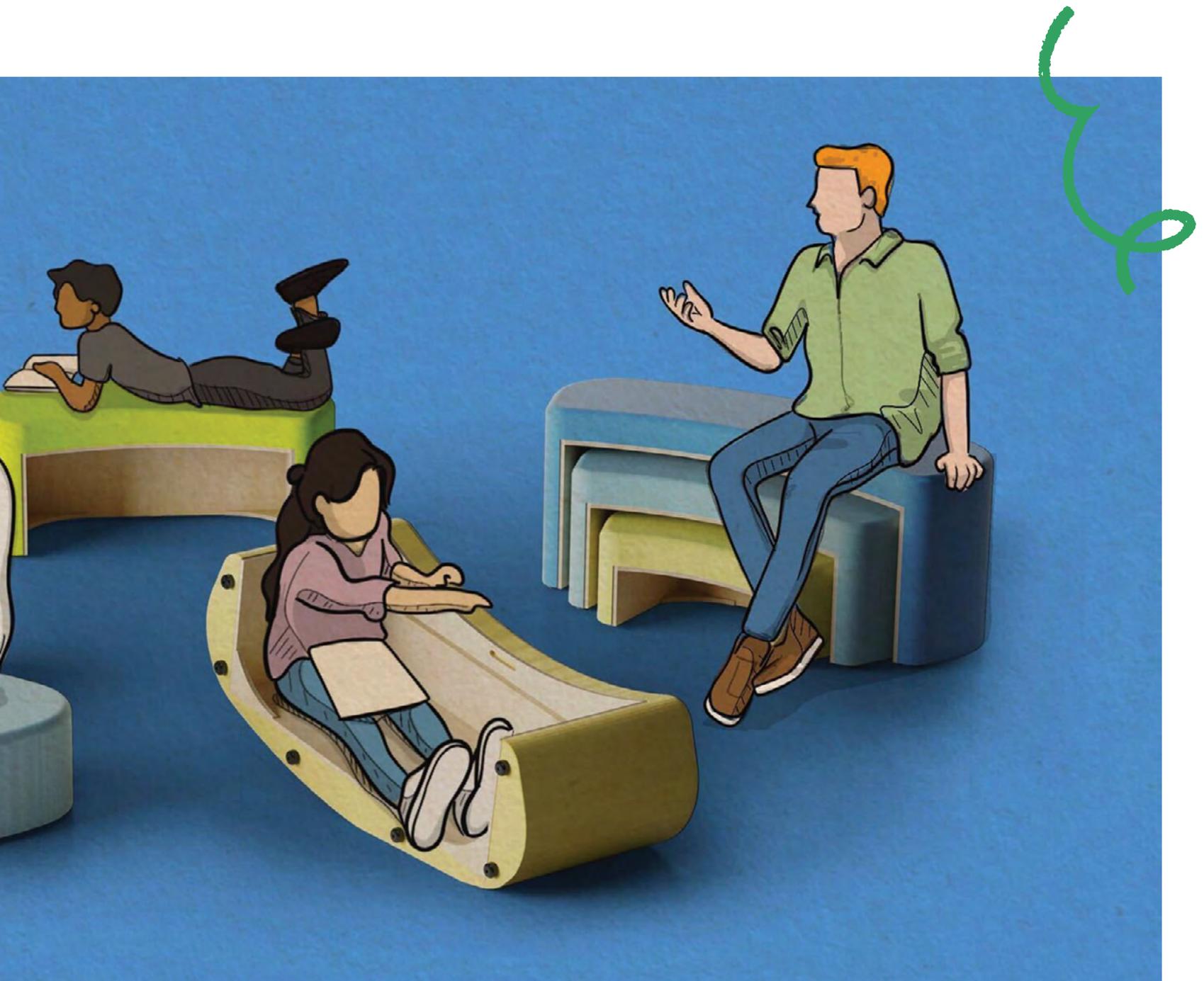
The library was thoughtfully designed with each user in mind, with input gathered from the library team who have had significant experience working in libraries and observed the various ways that people used and interacted with the library. Some come to the library to hang out with friends or lounge, and others need a quiet space to work on a project. A variety of furniture and configurations were provided to accommodate many different needs.







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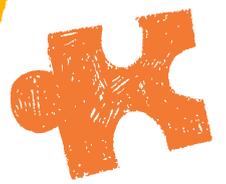

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CATERIA



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**National
Public
Seating** 
CAFETERIA TABLE



SICO
TC-65 SENIOR TABLE



BIOFIT
AFTON TABLE



CASE STUDY

Everette L. DeGolyer Elementary

The newly renovated Everette L. DeGolyer Elementary School marks a pivotal leap in the Dallas Independent School District's investment in modern education. The 70,000-square-foot campus underwent a complete renovation and new construction to create a dynamic and future-ready educational environment centered on advancing STEAM learning and collaborative, student-centered design.

Project Goals

Dallas ISD set out to replace DeGolyer's outdated infrastructure with a modern educational environment that supports evolving teaching methods. Their goal was to create flexible, technology-integrated spaces that promote creativity, critical thinking, and collaboration. The district aimed to elevate STEAM learning, expand arts and esports programming, and deliver facilities that inspire both students and educators.

Solutions & Highlights

As the furniture dealer for the project, Tangram played a critical role in transforming DeGolyer's vision into a tactile, functional reality. Our team provided full-scale furniture solutions for every core area of the school, delivering thoughtful, flexible products that aligned with the pedagogical goals of Dallas ISD.

Administrative Offices

- Professional yet welcoming spaces for staff and school leadership.

Classrooms

- Versatile furniture selections to support collaborative learning and individual instruction across general education, special education, and fine arts.

Clinic

- Functional and accessible furnishings designed for student health and safety.

Cafeteria

- Durable, multi-use tables and seating optimized for high-traffic student activity.

Media Center

- A flagship space designed to foster curiosity, reading, and exploration—this Tangram-designed space has been officially chosen as the model for all future Dallas ISD Media Centers.

STEM and Science Labs

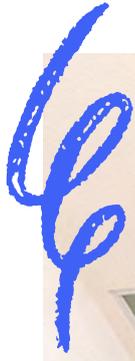
- Ergonomic, tech-compatible furnishings that support hands-on experimentation and innovation.

Results & Impact

The updated DeGolyer Elementary now supports a vibrant, flexible environment for 25+ teachers and 350+ students. Tangram's furniture solutions have helped redefine classroom engagement, contributed to STEAM integration, and elevated student collaboration across disciplines. The new Media Center sets a district-wide precedent, and the school now serves as a benchmark for innovation across Dallas ISD.

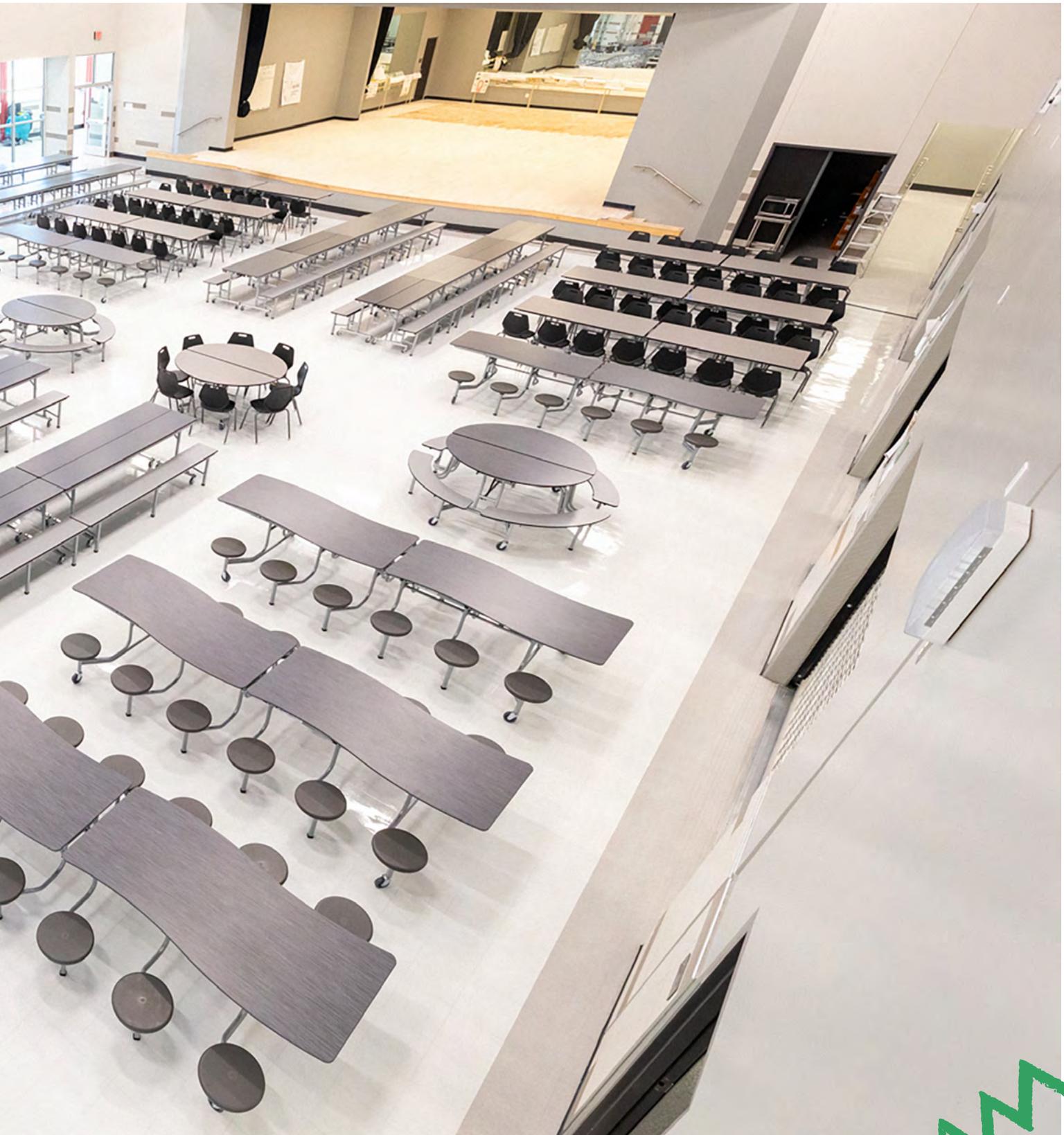






AmTab

MOBILE BENCH & STOOL TABLES.





WHERE TO BEGIN:

Creating Spaces For Esports

Building an esports community brings people together in unique and rewarding ways. Providing an inclusive and functional space requires robust planning so that students can participate in gaming, collaborate as a team, and foster social connections.



KI Furniture Article

In 2019, the world's leading video game associations created guiding principles for global esports in an effort to create an open, inclusive, and welcoming ecosystem for all.

When starting the design process for an esports venue of any kind it is essential to keep these principles in mind so the ethos and framing of esports is reflected in the design.

Safety and Well-Being

All esports community members deserve to participate and enjoy esports in safe spaces free from threats and acts of violence. Furniture, fixtures and equipment should help create safe and comfortable areas for students to engage in joy, play, and learning.

Integrity and Fair Play

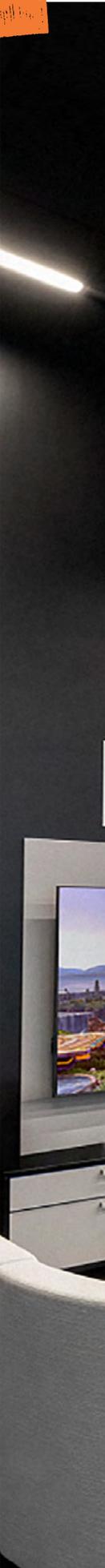
Cheating, hacking, or otherwise engaging in disreputable, deceitful, or dishonest behavior detracts from the experience of others and tarnishes the legitimacy of esports. The esports community has an expectation to follow this honorable code of conduct.

Respect and Diversity

Whether in person or online, all members of the esports community should demonstrate respect and courtesy to others. Esports is truly global and brings together players from different backgrounds, cultures, and perspectives.

Positive and Enriching Gameplay

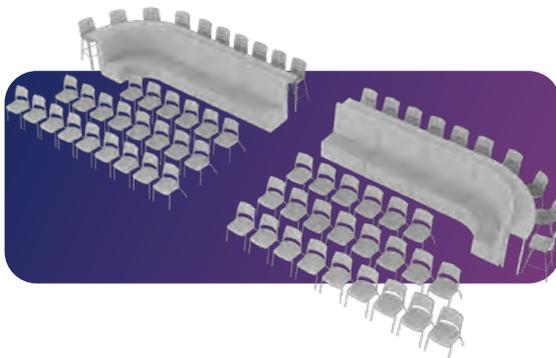
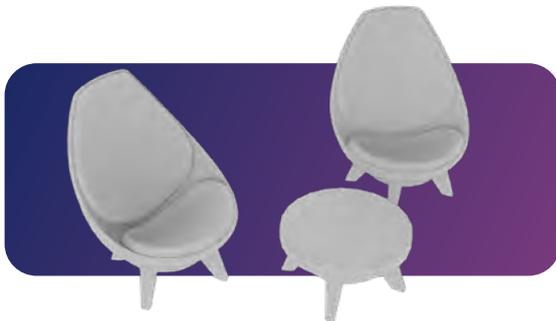
Esports can help build self-confidence and sportsmanship and boost interpersonal communication and teamwork skills. Esports promotes problem-solving, collaboration, and critical thinking.





Get In The Zone With Space Planning

In esports, it's important to ensure interaction across a suite of spaces, typically distinguished by zones. These zones may include gaming stations, lounge and breakout spaces, casual gaming zones, viewing zones for spectators, and broadcasting and streaming zones.



Screens can be used as space dividers where needed but good sightlines are essential in highly interactive spaces.

Gaming Stations

- Choose comfortable seating for short- or long-term gameplay.
- Use sturdy tables and tech-friendly workstations.

Lounge & Breakout Areas

- Integrate comfortable soft seating.
- Configure modular seating with integrated power.
- Designate mobile whiteboards for strategy or brainstorming sessions.

Casual Gaming Zones

- Specify adaptable and responsive lounge seating.
- Create inviting and collaborative vignettes.

Viewing & Spectator Zones

- Incorporate tiered seating with dynamic stools and worksurface solutions.
- Utilize versatile stack seating for easy storage when not in use.





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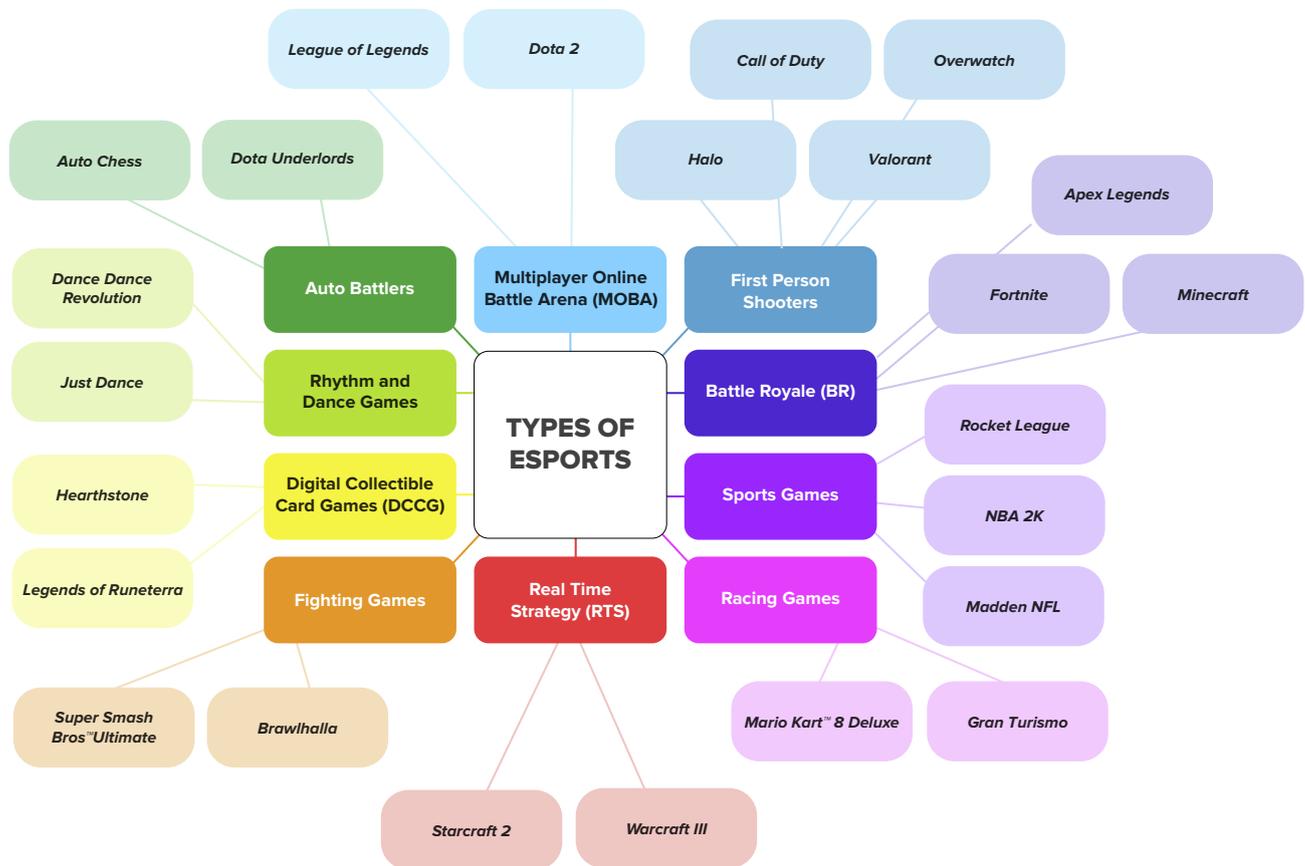
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Types of Esports

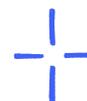
Modern video games encompass a wide range of genres, some more popular in tournament play than others. Any video game whereby players compete virtually, and their performance can be measured, qualifies as an esports. According to the Interactive Software Federation of Europe and the Entertainment Software Association (USA), here are the most common game categories:



Conclusion

A well-designed esports center can support other uses outside of gameday competitions, giving schools a bigger return on their investments. For instance, centers can also serve as a community hub for intramural gaming clubs and other student gaming activities; as an off-hours study lounge; or accommodate morning classes in game design and theory, digital media, or esports marketing. Using modular, movable, multifunctional furniture throughout the space results in flexibility that expands the value.

In all, esports centers have undeniable appeal with today's students. Part entertainment venue, part learning lab, they are immersive social spaces with the aweinspiring power to engage, connect, and teach.







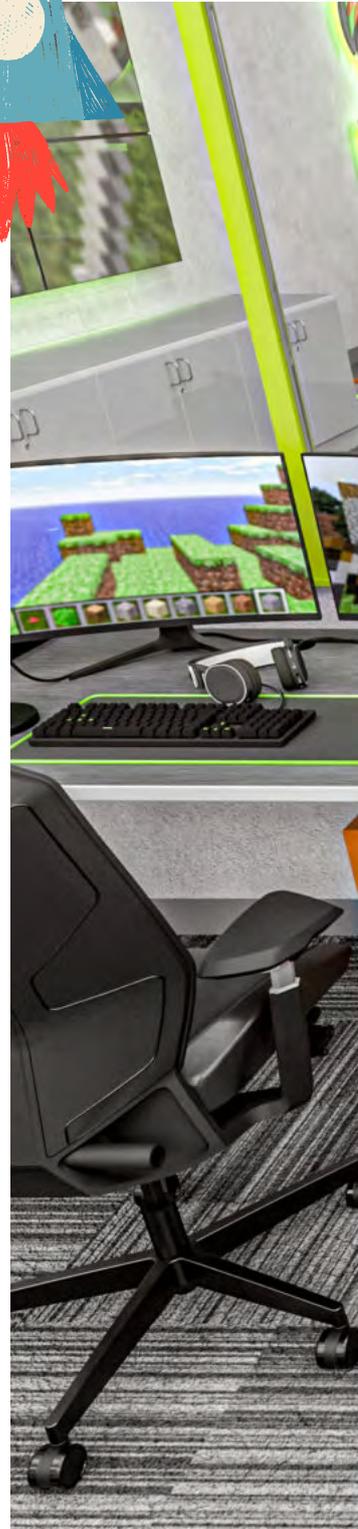
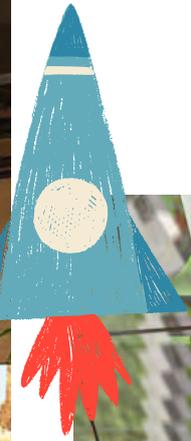
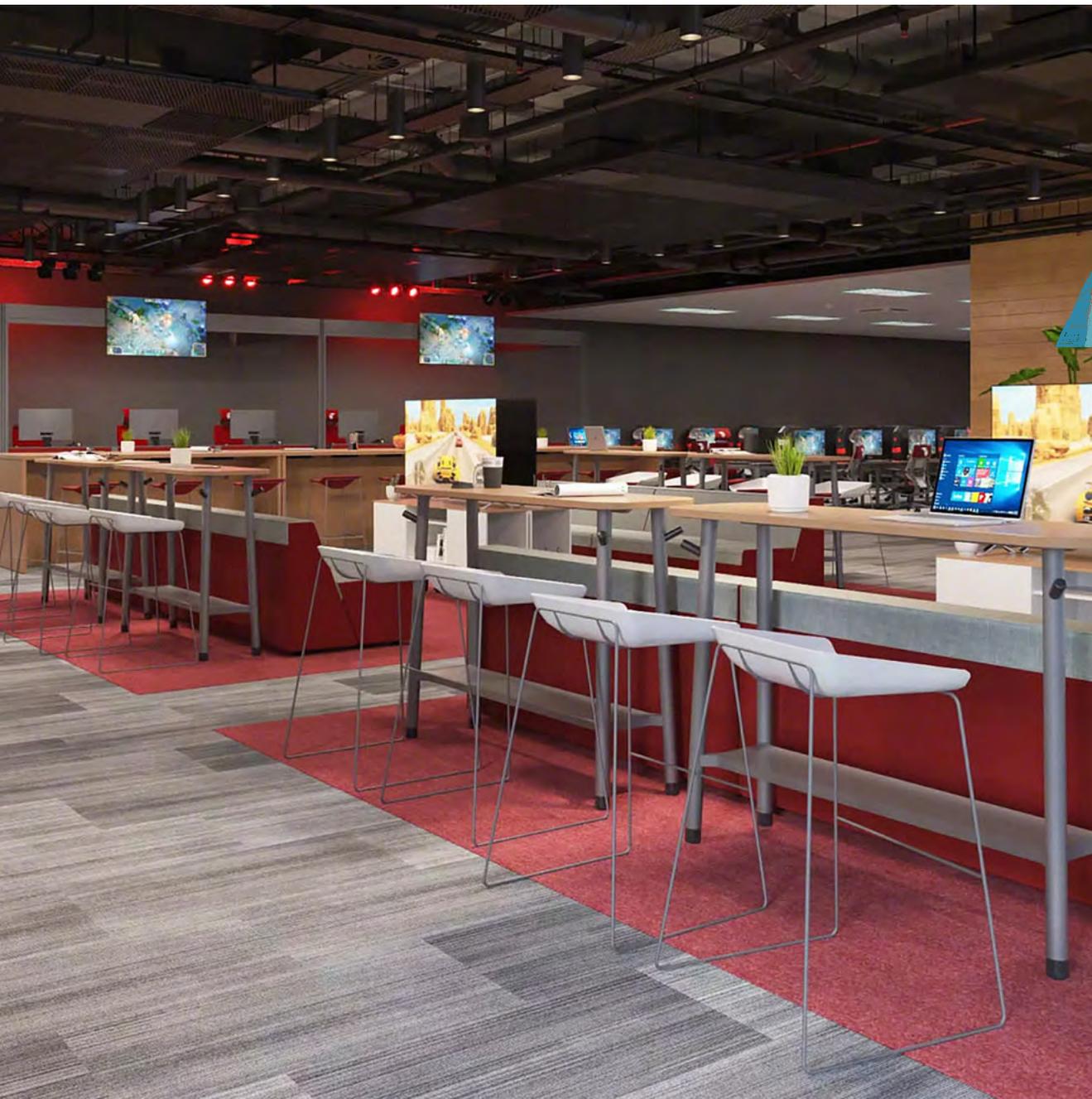
ESPORTS



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ELBROOK PERSONAL TABLE





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CASE STUDY

Los Nietos Middle School

Los Nietos Middle School believes in developing a collegial culture as a STEAM (science, technology, engineering, art, math) Academy that takes a relatively new educational approach with greater emphasis on cultivating collaboration, creativity, social skills, multimedia exposure, and real-world application experience.

When the middle school decided to incorporate esports into their curriculum thanks to the sport's massive growth in popularity and integration into higher education programs, they hired Tangram, a leader in esports environmental research, to provide all of the furniture and spacial planning.

Esports is a term derived from "electronic sports" and is a high-level competition in video games, similar to traditional sports. This classroom is complete with gaming systems, monitors and plenty of comfortable and flexible seating provided by Tangram. All pieces

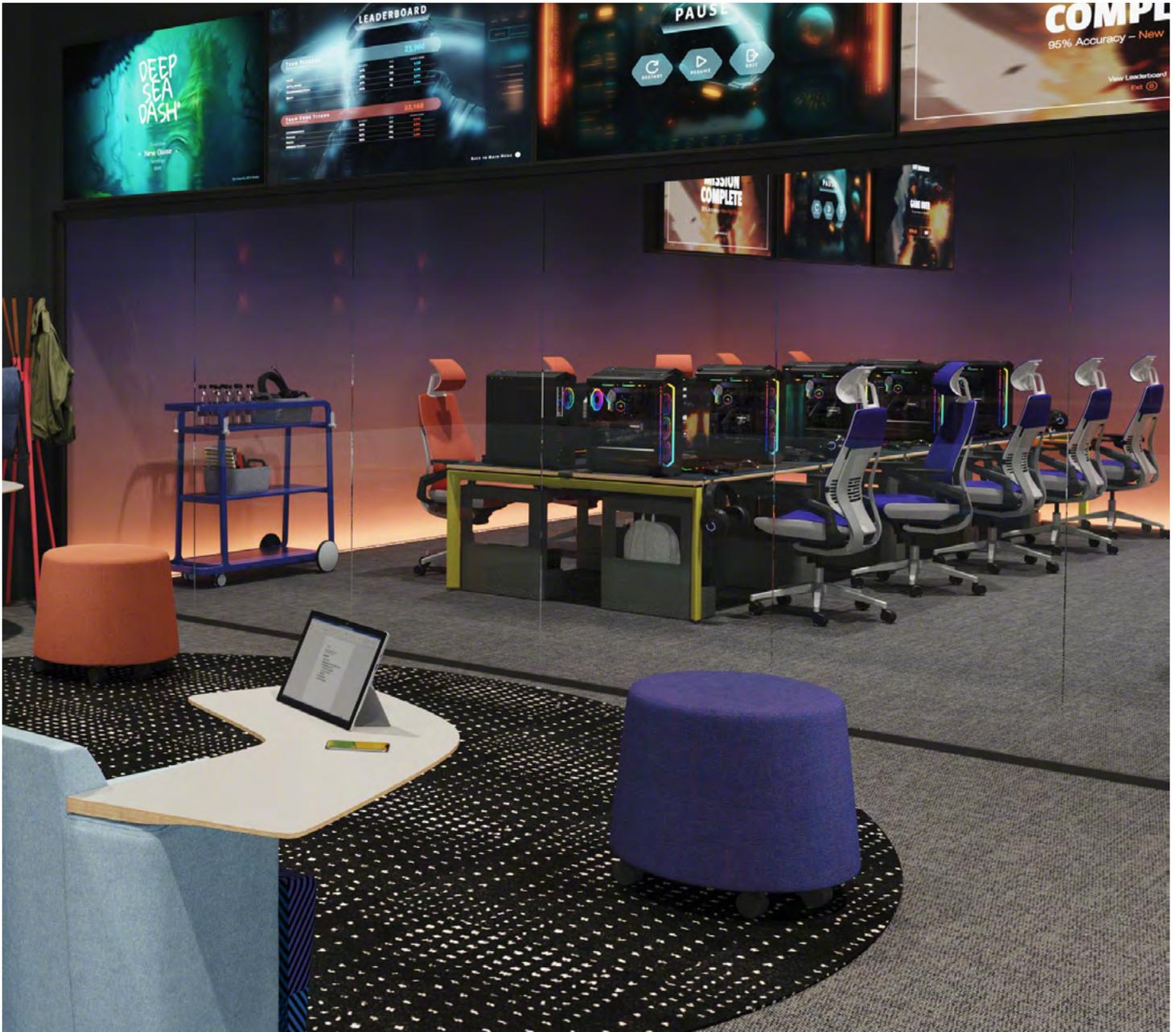
were sourced from Smith System and MooreCo in a variety of vibrant colors and postures for e-gaming. From flexible desks to allow for collaborative clusters to stools for greater mobility and lime green bean bag chairs with incorporated back support, all furniture encourages collaboration, socialization and a fun level of rivalry.

This new classroom is the first of its kind in the school district and offers students the opportunity to learn strategy and critical thinking in a virtual competitive and fun setting.









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