



WHY BUILD OUT AN ESPORTS SPACE?

As you approach the school you see painted windows and doors promoting the event. Excitement builds as you grab the handle, walk through the doors and down the hallway. Your heart rate picks up as you begin to get ready. Your uniform goes on and you take a quick peek into a mirror to be sure everything is in place. The anticipation builds as you and your team/club members talk of the action to come. You gather and get final details and motivation from your coach/leader. You compose yourself, trying to contain the excitement as you get ready for the event to begin. This scenario has played out millions of times over a myriad of team sports, club events and organized school activities.

Perhaps you thought of yourself, your children or your students in the scene above. We see the pride students take when they don their school uniforms and jerseys. We see their expressions of excitement and anticipation as they run onto the green grass under Friday night lights. We see it when they take the court for a matchup with a longtime conference opponent. We see it as they take their positions on the ball field with the smell of fresh cut grass so strong a mower had to have just finished. We see it when they walk from the band room or the dressing room and take the stage. Esports is no different. That place to call home. That place to put in hours of practice. That place to eagerly await the competition. That place to celebrate the wins and dissect the losses. That place. That place can be a critical element of a successful esports program.

The benefits of scholastic esports programs have been well documented. What are some of the benefits that can be impacted by your esports space?

- Recruitment & Retention
- Engagement
- Performance & Outcome
- Skills Development, Gaming and Support
- Program Development
- Organizational & Community Support
- Student Pride



ESTABLISHING AN ESPORTS HOME BASE

ESTABLISHING AN ESPORTS HOME BASE: WHAT ARE THE OPTIONS?

You've started your esports program. Now you can begin to evaluate options for the physical location the team will be using for practice, competition and events. There are several space options teams have successfully utilized for their programs. Each can work depending on the needs of the program. Ultimately the location could come down to availability of budget, equipment, school facility space and electrical/network readiness.

It is important to get started. Don't let a lack of space be a barrier. There are options. They can be preliminary, temporary or long-term. They can be dedicated space, shared space and even mobile space. We will explore them here.

- MOBILE SPACE
- SHARED SPACE
- DEDICATED SPACE
- OFF-SITE GAMING CENTER
- DEDICATED ESPORTS FACILITY

ELEMENTS OF A MOBILE ENVIRONMENT

- A mobile esports program can move room to room depending on space availability. This is generally used in startup programs, student clubs and for tournaments/competitions. No home base can be limiting. However it doesn't mean no esports.
- Requirements for a mobile environment include amply powered laptops, external mice, student headsets and potentially external keyboards as well. Be sure the laptops have the same minimum requirements to run the selected game titles.
- Electrical access is very important. For mobile environments a major factor is accessibility to power. The laptops should be plugged in to prevent disruptions or slowdowns during practice or competitions. Identify areas with plentiful power sources. If you are forced to use the battery you may experience reduced refresh rates or display performance.
- Access to a high-quality cart is equally important.





LOADING...

WHEN SELECTING A MOBILE CART

- More powerful laptops can be more expensive, so be sure a model is selected that provides peace of mind security.
- Mobility will require reliable, easy rolling wheels that can be locked in place when you reach your competition area.
- Ease of access to laptop power cords is essential. This will allow for quick student removal and also make it easy when placing back into the cart for storage.
- Storage space for peripherals like mice, keyboards and headsets. Also considerations for extra power strips to help make temporary spaces be more user friendly.
- Brand it! Add an esports team graphic to the cart. There may not be a permanent space, however the team can take pride in their equipment and build excitement when the cart is wheeled out!
- Does your school already have devices that could be used? An option exists to share or coordinate uses with departments that may already use high powered laptops. Departments may include computer science, pre-engineering, creative/graphic design, journalism and others. Perhaps cooperative budgeting and after school use is an option. Carefully consider limitations to this as well. Who has priority when students need to use after school? Don't allow potential conflict derail the program, rather plan for it and accommodate those situations in advance.

ESTABLISHING AN ESPORTS HOME BASE

ELEMENTS OF A SHARED SPACE

- Defined physical space, classroom, common area
- Used throughout the day for curriculum.
- Need dedicated time slots for Esports practice, scrimmages, competitions.
- Ensure technology specifications can be met.
- Good for kickstarting a program.

CAN LEAD TO CONFLICT WITH ACADEMIC DEPARTMENTS:

- When space is needed for students, research, labs, independent study.
- When issues with technology arise. Who is responsible?
- Storage and security of peripherals.
- Noise during practice and competitions.
- May lack team meeting/coaching/lounge space.
- Not truly dedicated space. Cannot make their own.





ESPORTS IDEABOOK

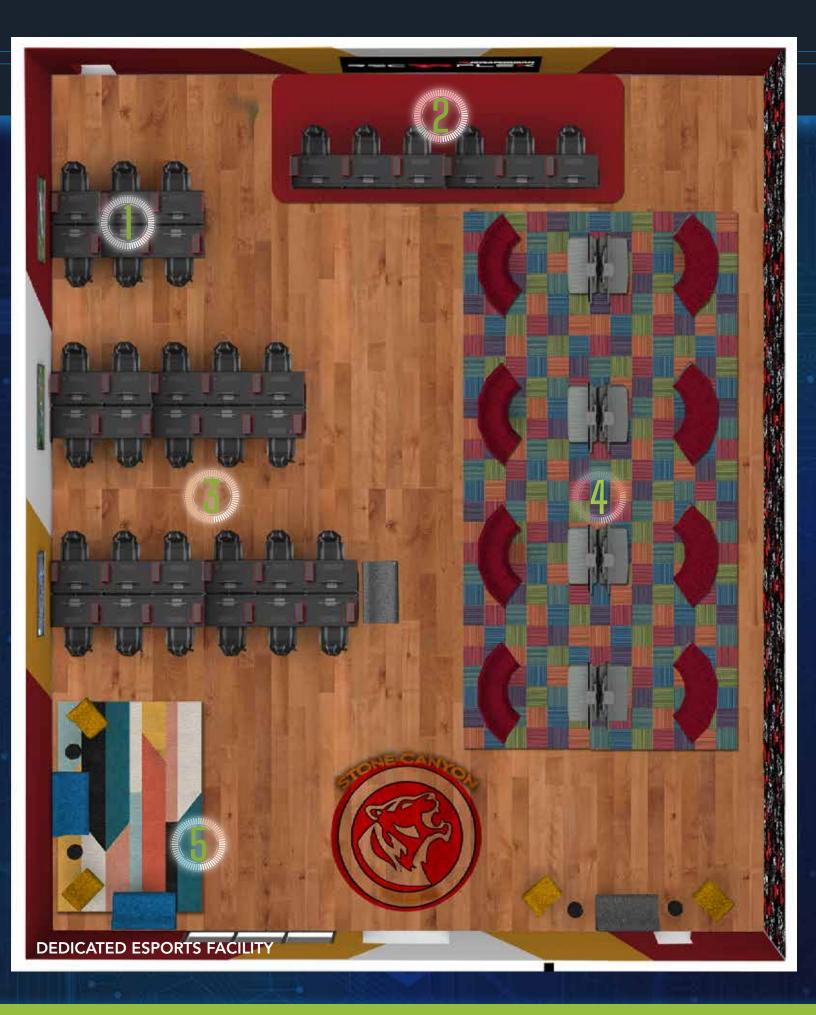


ESTABLISHING AN ESPORTS HOME BASE

ELEMENTS OF A DEDICATED ESPORTS FACILITY

- Create an identity. Brand for team.
- Dedicated resources, technology and space.
- A home base to greater academic esports community.
- Source of pride for team, school, community.
- Tool for recruiting (college)
- Tool for collegiate prep and scholarships (HS)
- Can utilize for positive regional and national PR.

- TEACHING/LEARNING SPACE
- **2** COMPETITIVE GAMING SPACE
- **3** PRACTICE SPACE
- 4 CONSOLE GAMING AREA
- **5** LOUNGE AREA







DEFINE ESPORTS NEEDS AND AVAILABLE PHYSICAL SPACE

GENERAL CONSIDERATIONS

UNDERSTAND AND REVIEW LOCAL FIRE CODES

Doorways, main access aisles, rows, back to back

ADA / ACCESSIBILITY GUIDELINES

- Ramps/access
- Percentage/number per space
- Spatial relief

DEFINE ELECTRICAL NEEDS

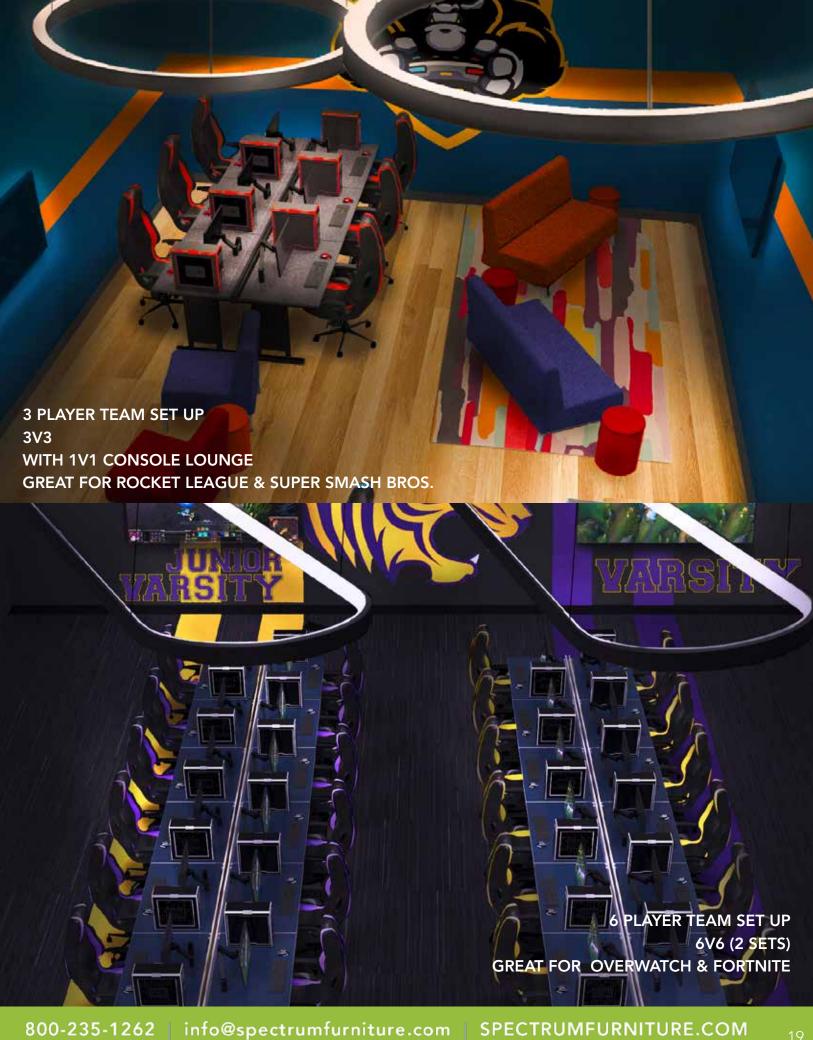
- Per esports athlete CPU (fans), monitor, lights, speakers, aux (phone/tablet)
- Displays, video wall, projectors
- Network equipment
- Understand your electrical system and ability to change. Circuits, amps, outlets
- Broadcast equipment (cameras, screens, mics, software, lights)
- Consoles, displays
- General access power (casual device gaming, phones, laptops, tablets)

ESPORTS GAME SELECTION & TEAM SETUP

POPULAR GAME TITLES	GAME DEVELOPER	ESRB GAME RATING	GAME GENRES	TEAM SIZE	OPERATING PLATFORM
LEAGUE® LEGENDS	M RIOT	TEEN T COMMANDE ESPAN	МОВА	5 PLAYER TEAM 5V5	PC
ROCKET LEAGUE	GRADUIK O	EVERYOUE 10+	SPORTS	3 PLAYER TEAM 3V3 BEST OF 3 OR 5	PC/ CONSOLE
₩ DÝERWŅTCH	BILZARD	TEEN T	FPS	6 PLAYER TEAM 6V6	PC
SUPER SMASH BR(PS).	Nintendo	EVERYONE 10+	FIGHTING	UP TO 8 1V1 BEST OF 3 OR 5	CONSOLE NINTENDO SWITCH EXCLUSIVE
HEARTHSTONE	BLEARD	TEEN Samurahung ESRB	CARD GAME	5 PLAYER TEAM 1V1 BEST OF 3	PC/ CONSOLE
FORTNITE	EPIC	EVERYOUE 10+	3RD PERSON	6 PLAYER TEAM 3 PAIRS 2 GAME SETS	PC/ CONSOLE
COUNTER STRIKE	VALVE	MATURE 17-	FPS	5 PLAYER TEAM 5V5	PC/ CONSOLE
SMITE	TITAN FORGE	SOUTH AND IT	МОВА	5 PLAYER TEAM 5V5	PC/ CONSOLE
PALADINE	MUJ	TEEN T CONTRA AND TO ES RE	FPS	5 PLAYER TEAM 5V5	PC/ CONSOLE

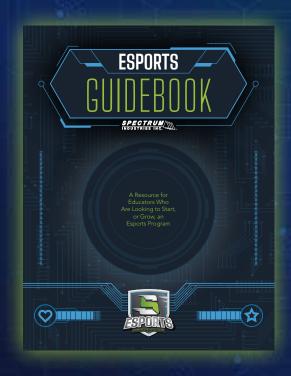


5 PLAYER TEAM SET UP 5V5 GREAT FOR LEAGUE OF LEGENDS, HEARTHSTONE, COUNTER STRIKE, & PALADINS



MADE FOR GAMERS





LOOKING TO START OR GROW YOUR EXISTING ESPORTS PROGRAM?

OUR FREE ESPORTS GUIDEBOOK DOWNLOAD HAS A WEALTH OF RESOURCES TO GET YOU HEADED IN THE RIGHT DIRECTION

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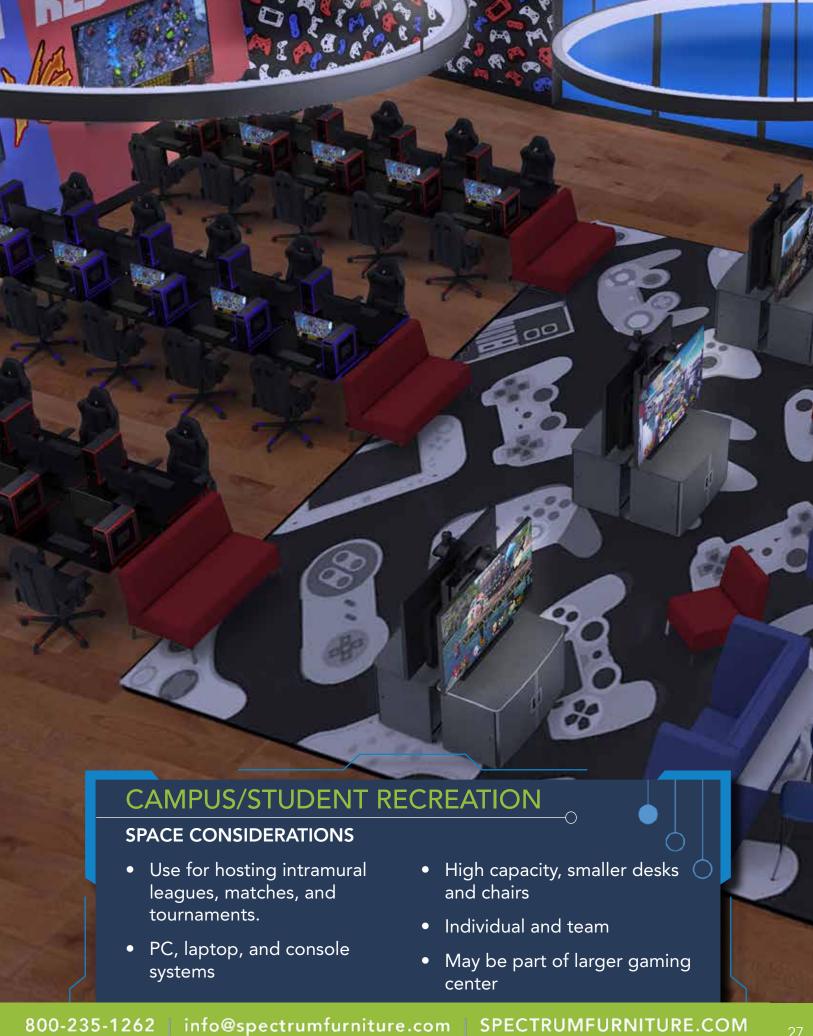






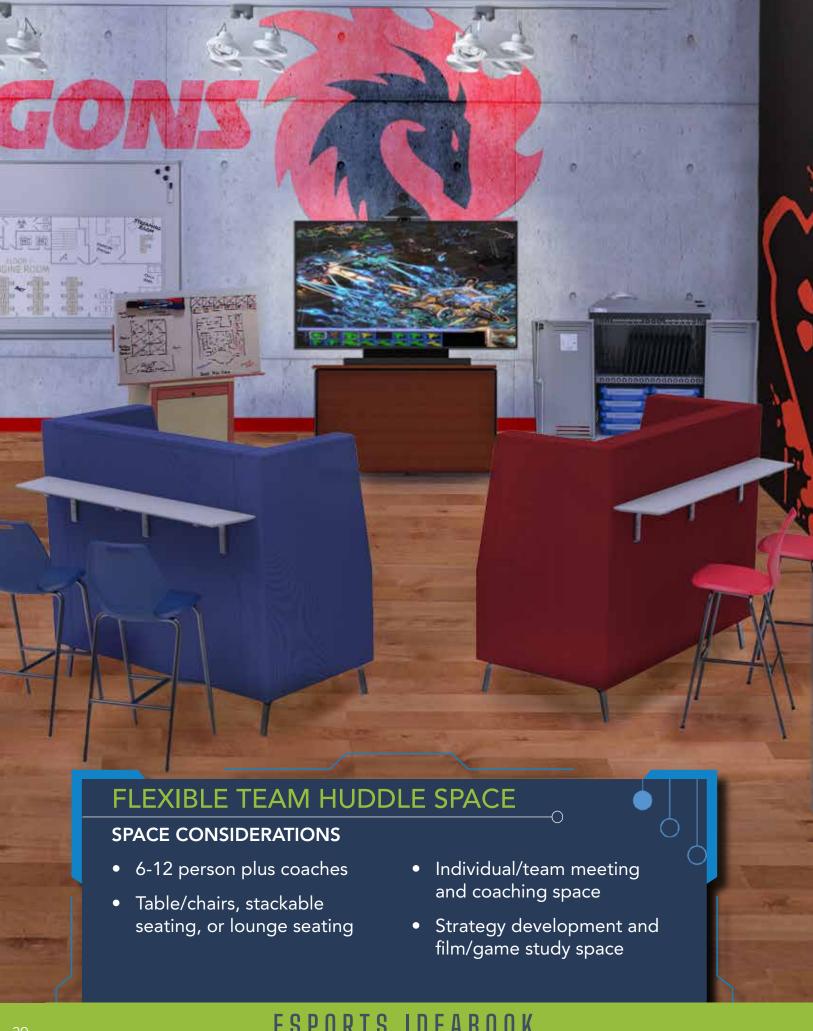
























SPECTRUM ESPORTS - ESSENTIALS



ESPORTS XPRESSIONS GAMING CHAIR



ESPORTS GENOVA GAMING CHAIR



OM5 DELUXE ESPORTS CHAIR



ESPORTS CURVE GAMING CHAIR



ESPORTS SHADOW BANK DESK



ESPORTS SHADOW DESK



ESPORTS META BANK DESK



ESPORTS META DESK



ESPORTS EVOLUTION DESK



FLEX INSIGHT DESK



ESPORTS SHOUTCASTER STATION

SPECTRUM ESPORTS - LOUNGE



SPECTRUM ESPORTS - ADD ONS



CONNECTI8 MOBILE DEVICE CART



CONNECT36 MOBILE DEVICE CART



AV CREDENZA SLIM



TECHCENTER



OPTIO COLLABORATION TABLE



FLEX ACTIVE TABLE



ACRYLIC DIVIDER PANELS FOR THE ESPORTS **EVOLUTION DESK**

FURNITURE CONSIDERATIONS

SEATING CONSIDERATIONS

CRITERIA WHEN SELECTING GAMING/RACING CHAIRS

UNDERSTAND THE APPLICATION

- Gaming stations
- Coaching station
- Offices
- Meeting space
- Lounges
- Counter / café

ERGONOMICS

- Height adjustability
- Armrest adjustment
- Tilt/recline
- Lumbar support
- Head/neck support
- Headrest adjustability

COMFORT

STYLE

BRANDING

BUDGET





ESPORTS GENOVA GAMING CHAIR









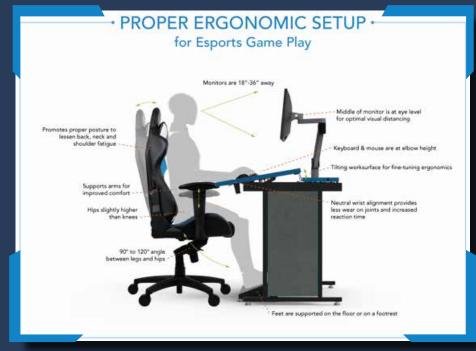
FURNITURE CONSIDERATIONS

DESK CONSIDERATIONS

CRITERIA WHEN SELECTING GAMING DESKS

ERGONOMICS

- Height / height adjustability
- Wrist support rounded edges preferred, no sharp edges
- Allow for comfortable approach to desk.
- Tilt desktop to help reduce repetitive stress injuries.
- Promote proper posture
- Ensure arm support
- Foot support
- Micro adjustments leveling glides for uneven floors



TECHNOLOGY PROTECTION

- Spacious cable storage area
- Easy to access, install and service cabling and equipment
- Manage cabling and keep away from competitor equipment, feet, and personal items.
- PC protection if placed below desk surface
- Wire management

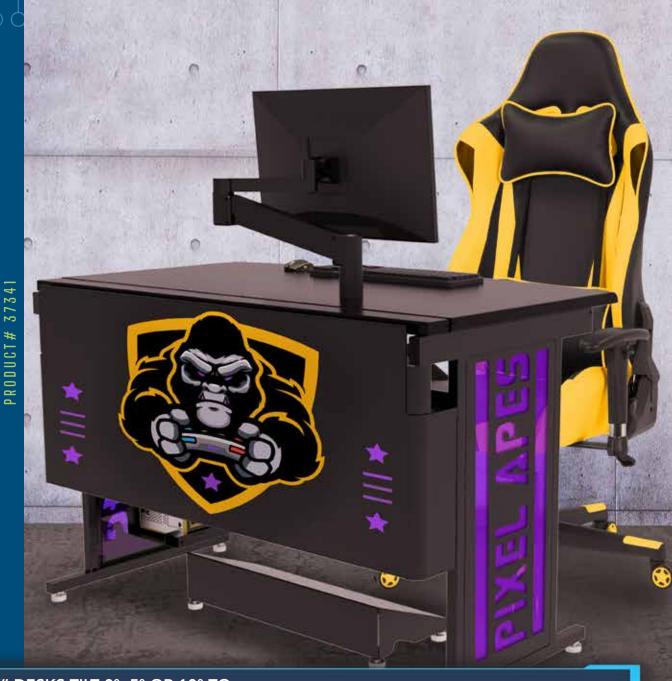


RUGGED DESIGN

- Commercial and institutional quality.
- Not a home gaming (light use) piece of furniture
- Designed to withstand heavy usage
- Durable high pressure laminate
- Steel frame
- Under surface desktop support



ESPORTS SHADOW GAMING DESK









CUSTOMIZABLE OPTIONAL WITH METAL, LAMINATE OR ACRYLIC LEG INSERT PANELS



"BANK" DESKS TILT 0°, 5° OR 10° TO OPTIMIZE ERGONOMIC POSITIONING





CUSTOMIZABLE OPTIONAL WITH METAL, LAMINATE OR ACRYLIC LEG INSERT PANELS

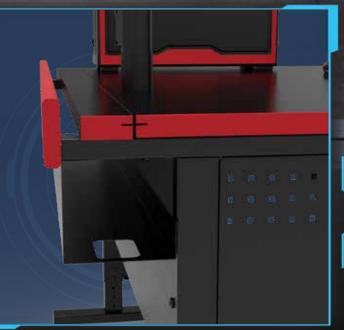
EVOLUTION NG DESK S بيا S PORT GAM တ سا

9999999



ARENA READY!

- 44" WIDTH ALLOWS MAXIMUM PLAYER PER ARENA CAPACITY
- CABLE MANAGEMENT ALLOWS FOR EASY DAISY CHAINING OF DESK
- 30" DEPTH ALLOWS PLENTY OF SPACE FOR SURFACE MOUNT CPU AND GAME PLAY
- COLORED ACCENTS MATCH CHAIRS AND ARENA BRANDING





ARENA READY!

- **CONVENIENTLY STORE KEYBOARD AND MOUSE UNDER THE MONITOR**
- **EXCLUSIVE VESA MONITOR MOUNT ALLOWS** PAN AND TILT FOR OPTIMAL VIEWING ANGLES
- MONITOR CAN BE SAFELY MOVED IN AND OUT OF COMPARTMENT WITHOUT DAMAGE
- NEW 24"D X 60"W WORKSTATION ALLOWS MORE STUDENTS IN THE CLASSROOM



BRANDING

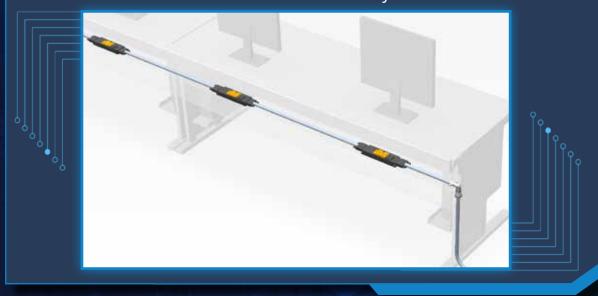
- Ability to add logo to ensure team visibility during streaming.
- Logo placement on audience side of desks
- Logo placement on end of rows. Use the space to promote brand and build team and school pride.
- Use of LED lights to enhance the space and logos.

OTHER CONSIDERATIONS

- Player modesty Ample modesty panel to screen players from audience.
- Flexibility Allow relocation for future scaling of programs.
- Mobility move when needed. Example Transition from arena into large event space for tournaments and special events.
- Ease of cleaning Ensure materials allow for proper wipe down and disinfecting high touch areas.

ELECTRICAL

- Hard wired electrician required. Fixed placement. Limit flexibility.
- Modular electrical system Can be hardwired at wall/floor, but allow for desk-to-desk disconnect and reconfiguring.
- Light use power strips Ensure that power strips are allowed in local electrical and fire codes. Do not daisy chain.





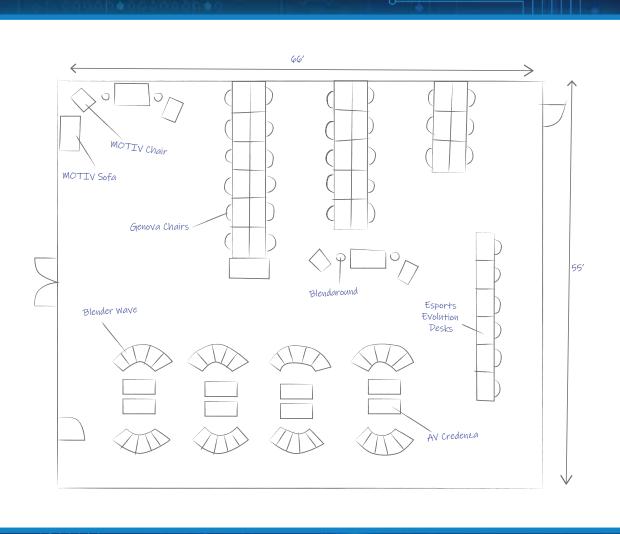
FURNITURE CONSIDERATIONS

SHOUTCASTING STATION

- SIZE/SPACE/STAFFING Define how many individuals will be shoutcasting during live events. Single shoutcaster or teams of 2 or 3 require different space considerations.
- **HEIGHT** Define the preferred us of the shoutcasting station. Will the shoutcasters prefer to be seated, standing or have a height adjustable station?
- **TECHNOLOGY** Choose a shoutcasting station that will work with your preferred technology, whether laptops or PC's and whether single monitors, dual monitors, arm-mounted monitors or recessed below the main surface.
- MOBILITY Move when needed. Example Transition from arena into large event space for tournaments and special events. Get the shoutcasters in the action.
- BRANDING As the team gains visibility, and more games are streamed live, there is an opportunity to keep your esports brand in front of the viewers. Consider adding logo to ensure team visibility during streaming. Also consider use of LED lights to enhance the space and logos.
- **CONVENIENCE** Your shoutcasters will come into the space with their own water bottles and devices. As a convenience to them consider having storage options for them. A drink holder and extra outlets can mean a lot to those calling the games.
- **EASE OF CLEANING** Ensure materials allow for proper wipe down and disinfecting high touch areas.



ROOM LAYOUT & PLANNING



CUSTOMER 2D LAYOUT SKETCH EXAMPLE

SYNCING...

ESPORTS SPACE PLANNING

Making the decision to dedicate space for an esports environment is a critical step in the development of a program. When defining the use of a space, an Esports Advisor, Coach or Director, will want to verify the fit and function for the scale of their program. This can be an incredible aide in visualizing the potential for their program and ensuring all possible room adjustments and costs are identified. This stage and visual element can also aide in gaining additional support from administrators, donors or sponsors. What is needed to start the space planning process? Our outline below can serve as a guide for the start of your esports journey.

IDENTIFY LOCATION OF ESPORTS SPACE

MEASURE SPACE

- Include location and dimensions of doors (and swing), windows, pillars, angles & curves.
- Include location of protrusions into space (heat registers, a/c, interactive panels, displays)
- Include location of power & network outlets (wall outlets, floor boxes, power poles).

DEFINE USES OF SPACE AND NUMBER OF STATIONS/PARTICIPANTS

- Competition or varsity esports stations. This may be in prominent spot (front, riser, stage)
- Practice and general access esports stations.
- Dedicated console gaming spaces and types of seating preferred (gaming chair, flexible, lounge)
- Shoutcasting or streaming stations used to broadcast live action and interviews.
- Team meeting, huddle, lounge/study spaces.
- Spectator seating, benches, or bleachers.

ROOM LAYOUT & PLANNING

ESPORTS SPACE PLANNING (CONT.)

NOTE VISUAL ELEMENTS

- Include wall location and size of displays, display wall and interactive touch panels
- Include wall location and size of graphics/branding for esports program, titles or sponsors
- Include projector and projection screen location

IDENTIFY PREFERRED LOCATIONS, FLOW, DESIGN REQUIREMENTS AND LAYOUT STYLE

- Location of front of room and any requirements (lectern, display cart, whiteboard)
- Aisles and walkways (perimeter aisle, center aisle)
- Social distancing, protective barriers and sanitization equipment
- Preferred layout styles
- Back-to-back or row-by-row
- Perimeter, peninsula, or pods of stations (perhaps by game title or team size)

VERIFY DESIGN MEETS CODE

- Permits and local/state construction, electrical and fire codes
- Handicap accessibility into and within the esports space

LOADING...

Spectrum offers complimentary esports space planning support. Our goal is to help you identify foundational elements of an esports program, general planning considerations, and help transfer that into a room layout or rendering so you can visualize the scale and space. Let the Spectrum team help you visual your space. We are with you through the entire process, from initial exploratory discussions, collaborations, sketches, and design revisions to the final rendering that captures the essence of the esports environment. Spectrum is there to help. It is important to note, that while our team takes great pride in their work, the Spectrum supplied layouts are for general informational purposes only. They are not intended as formal interior design proposals and are not intended for use as construction plans. If formalized space planning, construction planning, or electrical design is required, please contact your organization's facilities team, engineers, school/campus planners, interior designers or architectural firms.



SPECTRUM 2D LAYOUT & 3D RENDERING EXAMPLE

SPECTRUM ROOM LAYOUT REQUEST CHECKLIST



BASIC INFO NEEDED FOR ALL ROOM LAYOUTS:

City:		State:	Date:
Reseller name:			
ROOM DETAILS:			
 Requested Spectrum Product(s): 	Size:	Qty:	Product #:
Instructor workstation?	No	Yes	
ADA workstation(s)?	No	Yes	
Peripheral workstation(s)?	No No	Yes	
(for Printer, copier, 3D printer etc.)			
• Seating needed (chairs)?	No	Yes	
Furniture electrical requirements?	No	Yes	Product numbers determined by layo



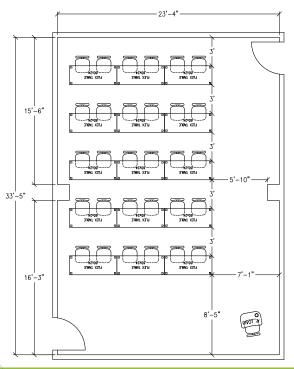
SKETCH OR CAD FILE SHOWING:

See next page for 2D layout example

- Dono
- Room name(s) / number(s)
- Room / wall dimensions
- Door location(s) and swing direction
- Layout type (Rows, perimeter, peninsula, collaborative groupings, back-to-back, clusters, etc.)
- Room purpose (Classroom, Collaboration, Media, Training, Makerspace, Video conferencing, Lecture, Office, other)
- Seating

- Product type and preferred size
- Ideal number of students in room
- Location of the "front" of the room
- Instructor workstation, and ADA locations
- Peripheral workstations (Printer, copier, 3D printer etc.)
- Locations / sizes of existing objects in room (Columns, cabinets, bookshelves, wall heaters, power poles, electrical outlets etc.)

SPECTRUM ROOM LAYOUT REQUEST CHECKLIST





4/5/18 DWG#B0180403 OKLAHOMA CITY UNIVERSITY OKLAHOMA

ROOM #212 15-60"W X 24"D FLEX TRAINING TABLES - 37260 15-60"W MODESTY PANELS - 37254 1-PIVOT JR WORKSTATION - 37326 31-0M5 ACTIVE GUEST CHAIRS - 38249



ROOM DETAILS:

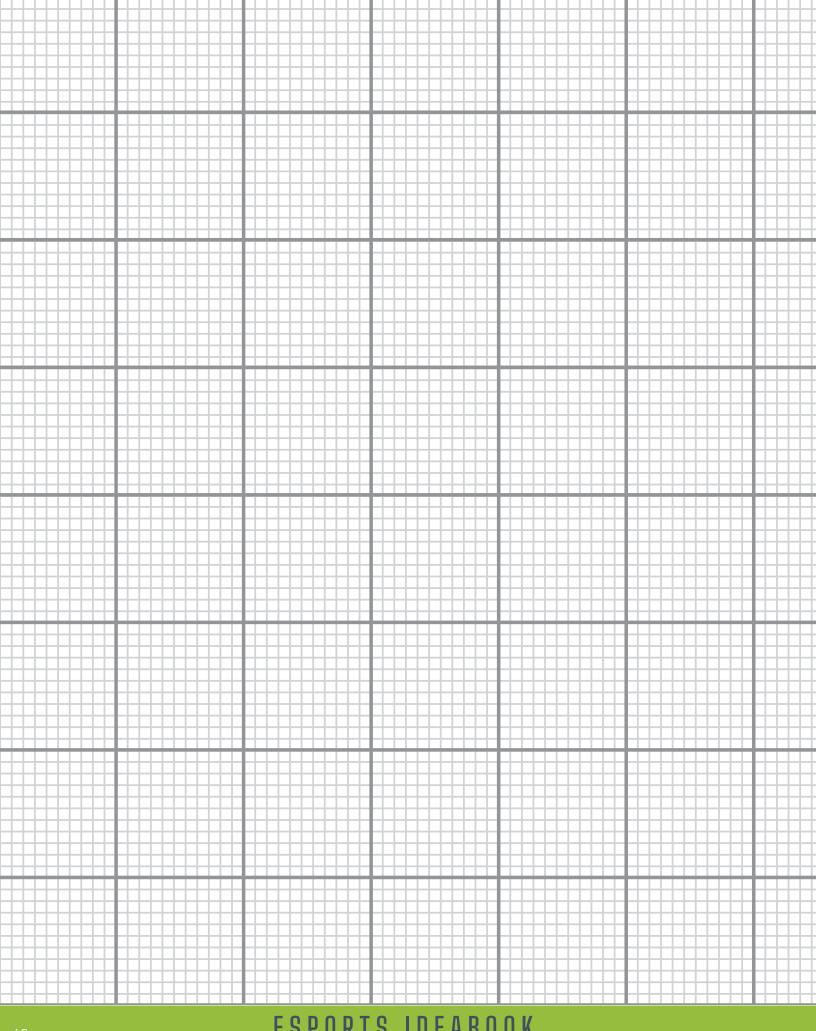
Information needed:

Vone	Spectrum furniture colors (laminate, edgeband, and metal)	
	Whiteboards and other wall- mounted objects (sizes & locations)	
	Wall material and color(s)	
	Floor material and color (Concrete, tile, carpet, wood, vinyl)	
	Window sizes and locations (if any)	
	Chair color(s)	
	• Existing built-ins (Colors and materials)	

Additional sketches may be helpful in conveying the above details.

Note: 3D rendered layouts take more time than 2D layouts to create. Actual turn-around time will depend on number of rooms, room complexity, and information provided. Please provide detailed information above and be clear about due dates and expectations when submitting projects.

Spectrum-supplied layouts are for general informational purposes only. They are not intended as formal interior design proposals and are not intended for use in any construction planning. If formalized space planning is required, please contact your organization's interior designer or architectural firm.







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