

Enriching Childhood Through Play

August 2024



Value of Our Time Today



City of Joshua Team

Steven Gill - Parks Manager

Cunningham Recreation/ GameTime Team

Hunter Barron, Sales Manager – Cunningham Recreation
Bruce Thompson, Region Manager Southwest – GameTime

Today's Objective

Align on Mutual Passion for Healthy Play and Well-Being for All

Agenda

Review Playground Project Priorities We Heard Last Time

Park & Rec Insights & Challenges

Redefining Inclusion

Leveraging GameTime Grant Program

Site Visit/Planning & Preparation

Other?



EXPANSIVE EXPERIENCE

- Founded in 1966 – Third Generation Company
- Multiple layers of experience: Design, Management, Project Management, & Construction
- Team Approach
- Largest rep Agency in the US Covering 17 States
- Full Office Staff Available 8 – 5
- All Sales Associates are NPSI Certified
- Licensed LA on Staff



[About Play CR Video](#)

Project Priorities We Heard



- **Project Budget Estimate: \$400 - \$500k**
- **National Demonstration Site Inclusion**
- **CWO grant pricing**

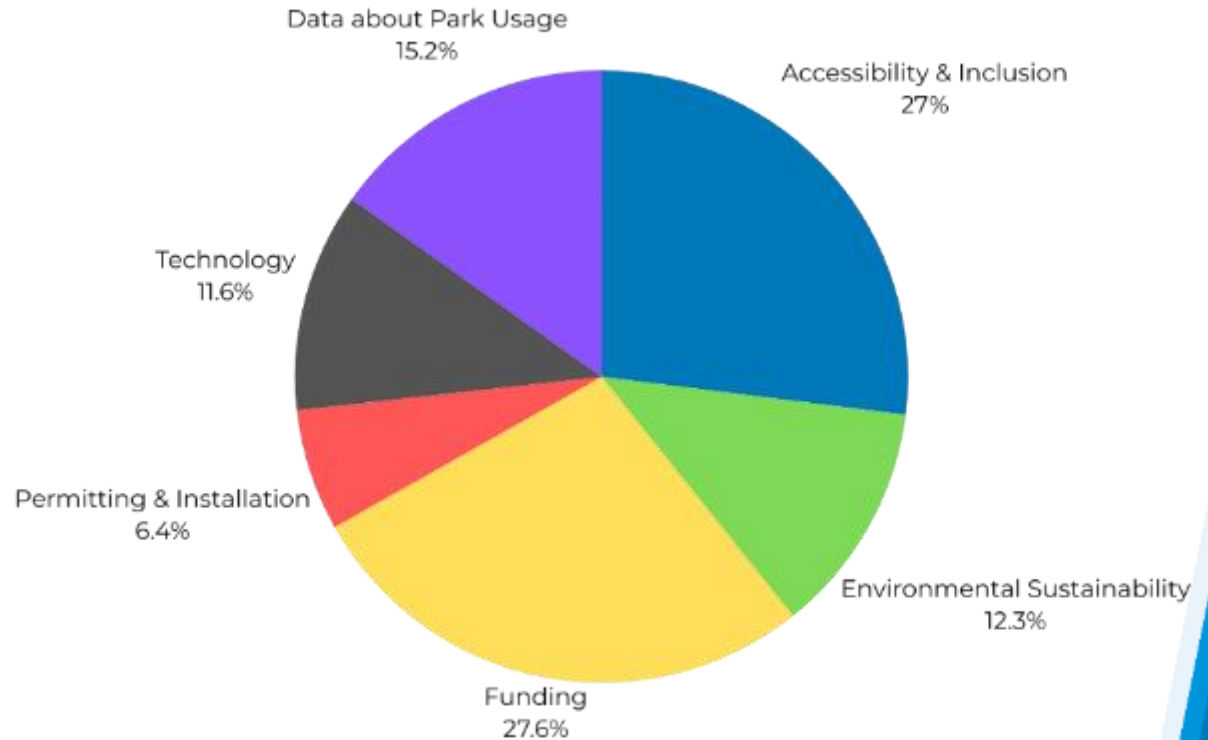
Scope: *they will grade site flat and demo all existing that includes curbs? Confirm. We are responsible for equipment, surfacing, install, final rough and fine grading for surfacing elevations, new concrete curb?, drainage (simple daylight to bar ditch adjacent)*

- Peter pan/jungle clubhouse theme
- Site super with NPSI on site most of the time/constant updates to customer
- Punch list walk through with installer AND Audit of playground by PG after install. This will be a big focus, how we communicate and handle install and close out procedure afterwards
- Don't have to ramp to every deck height
- Seating and shade a priority
- Saucer swings and standard bay of swings, would probably do multi gen on swings and try to work an expression swing in there
- Tri Runner and Tree top net spinner
- Multi capacity/side by side cooperative play a focus
- Clubhouse will be central and likely only custom piece. Liked V net bridge, would prefer those nets are standard coated but like actual rope. Two-tower design to connect the V bridge
- **Interested in a mister, will a simple palm leaf topper on a mister be an option to help meet the budget?**
- Projects you referenced: Toucan Hideaway, Arch street, Liberty (CR/GT project from Sapulpa, OK)

Biggest Challenges Review

National Park & Rec

Biggest Challenge



Based on 507 respondents at the 2023 NRPA Conference

More Than Ramps

- Ramped access and ADA guidelines are the baseline
- Inclusion moves past accessibility to equity
- Create spaces for people of all ages, abilities, social status, and cultural backgrounds



Commitment to Inclusive Play

Play is Where We Belong

CORE[®]

Center for Outreach, Research & Education

Turning research into practice.®

We invest in knowledge.

We connect scholarly research with best practice resources.

We provide continuing education for knowledge & community impact.

We champion innovative data-driven initiatives.





CORE[™] | RESEARCH INSTITUTE

Our Research Institute is comprised of leading experts, universities, and research centers who are committed to help us investigate, discover, and translate information that informs all of our services.

Connect & Collaborate: playcore.com/research



BEST PRACTICE DESIGN GUIDES



PLANNING TOOLS



ADVOCACY RESOURCES



INTERACTIVE TOOLS

CORE | RESOURCE LIBRARY

CORE's Resource Library is a collection of evidence-based publications including best-practice design guides, planning tools, advocacy tools, case studies, and standards-based curriculum. Every resource is fueled by the research from our Research Institute, time-tested, and put into practice by organizations around the world.

Explore the Resources: [playcore.com/resources](https://www.playcore.com/resources)

SEMINARS &
WORKSHOPS

CONFERENCES

LUNCH & LEARN
EVENTS

VIRTUAL LEARNING
EVENTS

CORE™

CORE™ | PROFESSIONAL DEVELOPMENT HUB

CORE's Professional Development Hub combines research and resources to offer world-class learning opportunities where professionals can share learnings and earn Continuing Education Units (CEUs) through a variety of tailored events and diverse topics.

Learn & Earn: education.playcore.com

ACCREDITED
IAAET
PROVIDER

AIA
Continuing
Education
Provider



Landscape Architecture
Continuing Education System

CORE™ | DATA SERVICE LAB

We are passionate about raising national awareness and helping local communities share the positive impact they're making on health and wellness. Through our National Demonstration Site Network, sites can participate in ongoing data collection and receive reports measuring their impact on the community's vitality, providing meaningful ways for community stakeholders to gather and share outcomes data.

Demonstrate Community Impact: playcore.com/nds





Turning research into practice™

National Demonstration Site Project Recognition & Outcomes



Evidence-Based Resources



Scholarly Investment & Partnership



A Unique and Comprehensive Inclusion Philosophy



Respecting the Needs of the Whole Child

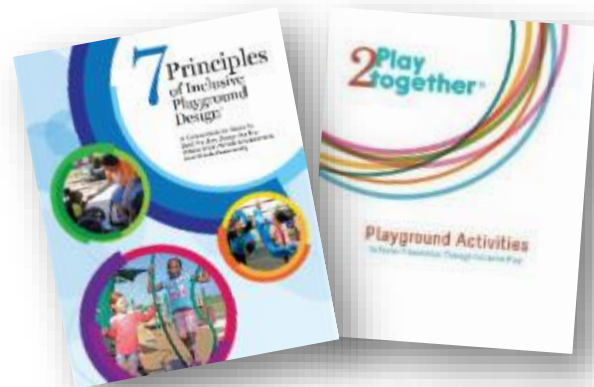
Innovating Research-Based Whole Environments

Celebrating Inclusion for the Whole Community



PLAYCORE
Building communities through play & recreation™

 **Institute for Disability**
Research, Policy & Practice



Addressing the DIVERSE NEEDS of the COMMUNITY

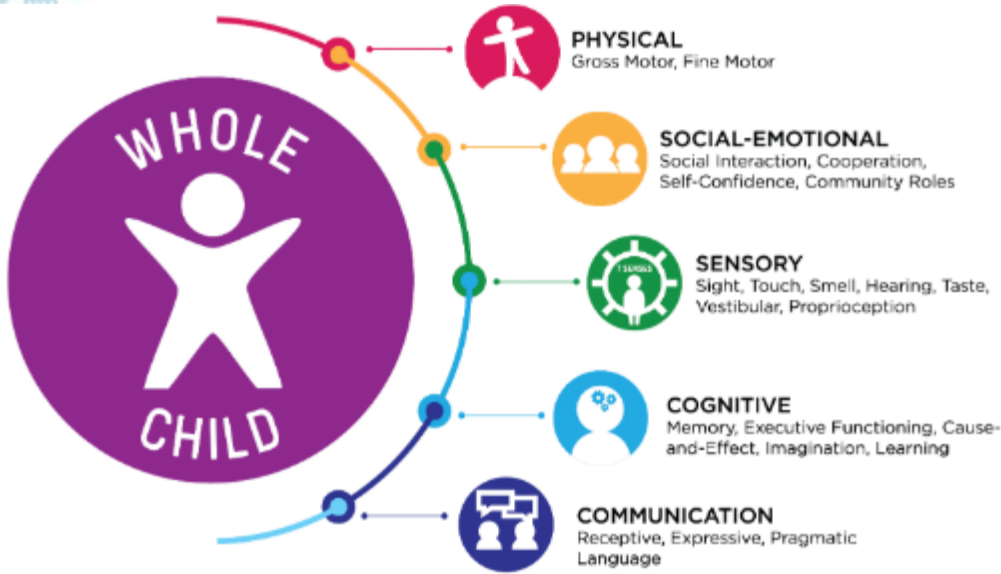
Who are Children with Disabilities?



Out of 1,000 children between the ages of 3 and 21 receiving special education services, approximately 145 will have these disabilities



Designing for the Developmental Needs of the WHOLE CHILD



Offer a developmentally robust and balanced assortment of playground activities that meet the diverse **physical, social-emotional, sensory, cognitive, and communicative** needs of all children, including those with disabilities.



Research-Based Design Principles to Promote Inclusion across the **WHOLE ENVIRONMENT**

Innovating Evidence-Based Design of the **WHOLE ENVIRONMENT**

7 Principles of Inclusive Playground Design
Evidence-Based Design Best Practices for Creating Environments that Support Play and Recreation for People of All Abilities

Be

- Fair
- Included
- Smart
- Independent
- Safe
- Active
- Comfortable

Tailoring the Principles
Uniquely Aligned for Outdoor Play and Recreation Environments

Principles of Universal Design Center for Universal Design NC State University	7 Principles of Inclusive Playground Design Institute for Disability Research Policy & Practice Utah State University
Equitable Use	Be Fair
Flexibility in Use	Be Included
Simple & Intuitive Use	Be Smart
Perceptible Information	Be Independent
Tolerance for Error	Be Safe
Low Physical Effort	Be Active
Size & Space for Approach & Use	Be Comfortable
<small>The Center for Universal Design (1997). The Principles of Universal Design, Version 2.0. Accessed September 23, 2016 from https://www.ncsu.edu/ncsu/design/about_us/ utahstate.edu/ncsu.html</small>	<small>PlayCare & Utah State University (2010). 7 Principles of Inclusive Playground Design. Cheltnooge, TN.</small>



Thoughtfully applying the **7 Principles of Inclusive Playground Design®** to outdoor play environments creates high-quality spaces where both physical and social inclusion can occur.



Overview of Evidence-Based Design Best Practices

Understanding the unique features and benefits of inclusive play activities can thoughtfully support the development of the **WHOLE CHILD** and the **WHOLE ENVIRONMENT**. Align inclusive play destinations with the following design best practices to intentionally ensure a developmentally robust and balanced assortment of playground activities that meet the diverse physical, social-emotional, sensory, cognitive, and communicative needs of all children. The following essentials demonstrate how applying the 7 Principles of Inclusive Playground Design turns research into practice to create high-quality inclusive play destinations.

Inclusive Play Essential	Benefit	Physical	Social-Emotional	Sensory	Cognitive	Communication	Design Principle
Accessible Routes & Safety Surfacing	Prevents physical and social inclusion for visitors to travel to and throughout the environment						1 Be Fair
Music & Sound	Encourages collaboration, creativity, and age-appropriate activity for intergenerational users at any developmental stage						1 Be Fair
Dramatic Play Elements	Fosters imagination, creativity, symbolic thinking, learning, and social dialogue through pretend play						2 Be Included
Opportunities for Expressive & Receptive Language	Encourages communication and understanding of language through modeling, collaborative, and reciprocal experiences						2 Be Included
Looping Patterns	Supports intuitive play behaviors to avoid unnecessary complexity and encourage children to engage in repetitive, active play to support skills development						3 Be Smart
Jump-in Points	Provide a positive area adjacent to a social-cognitive activity for children to observe and gain understanding and confidence to engage with their peers						3 Be Smart
Defined Activity Settings	Organizes active and passive spaces so that it is easy to understand, enhance play opportunities, and avoid user conflicts						3 Be Smart
Ramp Access	Allows diverse users, adaptive equipment, and caregivers to access a play structure and experience various heights						4 Be Independent

Inclusive Play Essential	Benefit	Physical	Social-Emotional	Sensory	Cognitive	Communication	Design Principle
Slides w/ Slide Transfers	Supports the independence and safety of individuals who choose to transfer from their mobility device into the slide entrance						4 Be Independent
Motion Activities w/ Inclusive Features	Provides sensory-rich experiences for children to engage in spinning, swinging, and/or rocking for vestibular and proprioceptive input in support of motor and motor planning						4 Be Independent
Cozy Spots	Offers semi-enclosed, quiet spaces where children can relax for sensory and social ease						5 Be Safe
Seating & Areas for Adult Supervision	Provides clear visibility of activity areas and adequate space for caregivers using wheelchairs or other assistive equipment						5 Be Safe
Graduated Levels of Physical Challenge	Fosters a developmental progression of gross motor skills through climbing and upper body elements of a range beginning, intermediate, and advanced levels of challenge						6 Be Active
Accessible Upper Body Events	Offers rewarding and enjoyable alternatives to climbing for non-climbers and individuals using mobility devices or who are developing upper body strength						6 Be Active
Cooperative Play	Facilitates positive interactions between children through dynamic and fun experiences as they work together to drive or complete an action						6 Be Active
Half Activity Panels	Provide alternative space underneath the panel or equipment for individuals using mobility devices to comfortably approach and machine activity while facing forward						7 Be Comfortable
Shade	Integrates a variety of options and rise to environmental conditions						7 Be Comfortable

Turning Research into Practice

Our Data Driven Approach to Community Vitality

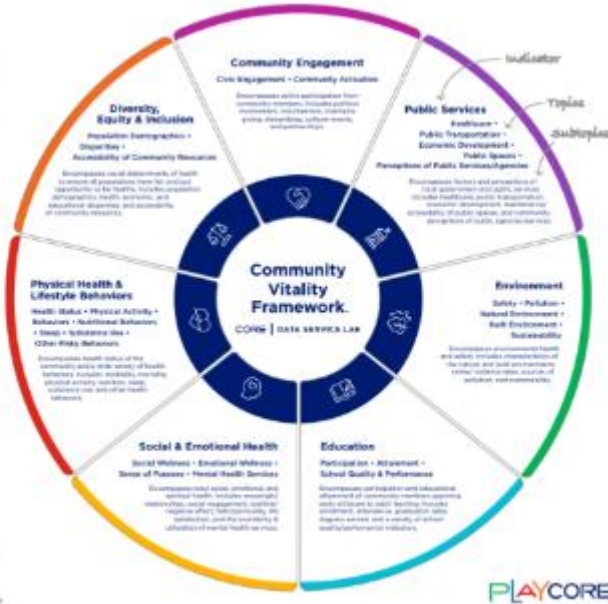
Your Park



Grounded in Evidence

Developing a validated community vitality framework

- FORMULATED FROM:**
139 Topic Areas
856 Descriptors
using 17 measurement tools
 - VALIDATED BY:**
44 Leading Experts across 20 industries
 - RESULTING IN:**
7 Unique Indicators that provide critical areas of focus
28 Topics that help narrow the focus area
71 Subtopics that further clarify data measures
- evidence-based information that you can turn into action.



Community Vitality Indicators



SOCIAL & EMOTIONAL HEALTH

Total community well-being including social, emotional, and mental wellness.



PHYSICAL HEALTH & LIFESTYLE BEHAVIORS

Health status of the community and a wide variety of health behaviors.



DIVERSITY, EQUITY & INCLUSION

Social determinants of health to ensure diverse, equitable, and economically balanced populations have opportunities to be healthy.



COMMUNITY ENGAGEMENT

Active participation from community members to create a strong sense of connection and nurture creative opportunities for residents.



PUBLIC SERVICES

Factors and perceptions of the local government and public services.



ENVIRONMENT

Natural and built environmental health and safety which are essential to a sustainable, connected community.



EDUCATION

Participation and educational attainment of community from early childcare to adult learning.

The Community Vitality Framework is an evidence-based perspective, grounded in comprehensive and validated research, that provides a common approach to seven evidence-based indicators of a vital community.

Metrics Chosen for Analysis by CV Indicator

KEY

Community Vitality Indicator Name

Explanation of the Community Vitality indicator.


Icon

Metric

Metric

Social & Emotional Health

Strong social emotional health that enables integration of thoughts, emotions, and behaviors.



Adult Poor Mental Health

Physical Health & Lifestyle Behaviors


Overall wellness of the body that can be affected by a variety of everyday activities.



Adult Obesity

Diversity, Equity & Inclusion

Population characteristics and social and economic traits that contribute to a just and inclusive society.



Youth Disability Under 18

Families in Poverty

Environment

Surroundings, including both the natural and built environments.



Walkability Index



A Comparative View by CV Metric

3 MILE BUFFER

TARRANT COUNTY

TEXAS



	Social & Emotional Health	Physical Health & Lifestyle Behaviors	Diversity, Equity & Inclusion		Environment
	ADULT POOR MENTAL HEALTH 2017-2021 CDC	ADULT OBESITY 2017-21 CDC	YOUTH DISABILITY (LESS THAN 18) 2018-22 CENSUS	FAMILIES IN POVERTY 2018-22 CENSUS	WALKABILITY INDEX 2021 EPA
3 MILE BUFFER	17%	34%	4% 639	6% 732	8.8 Below Average
TARRANT COUNTY	16%	35%	5% 19,572	11% 41,856	9.6 Below Average
TEXAS	16%	37%	4% 377,656	11% 765,437	9.1 Below Average
	Just 20 minutes of time spent in a park can improve people's sense of well-being.	Obesity is higher in communities that invest less in and devote less space to recreation per person.	Nearly twice as many people with a disability said they were physically inactive during a usual week compared to those without a disability.	Parks serving mostly low-income households are on average four times smaller and four times more crowded than parks that serve mostly high-income households.	People living within a half-mile of a park got roughly half of their intense physical activity there.

CV Metrics Summarized

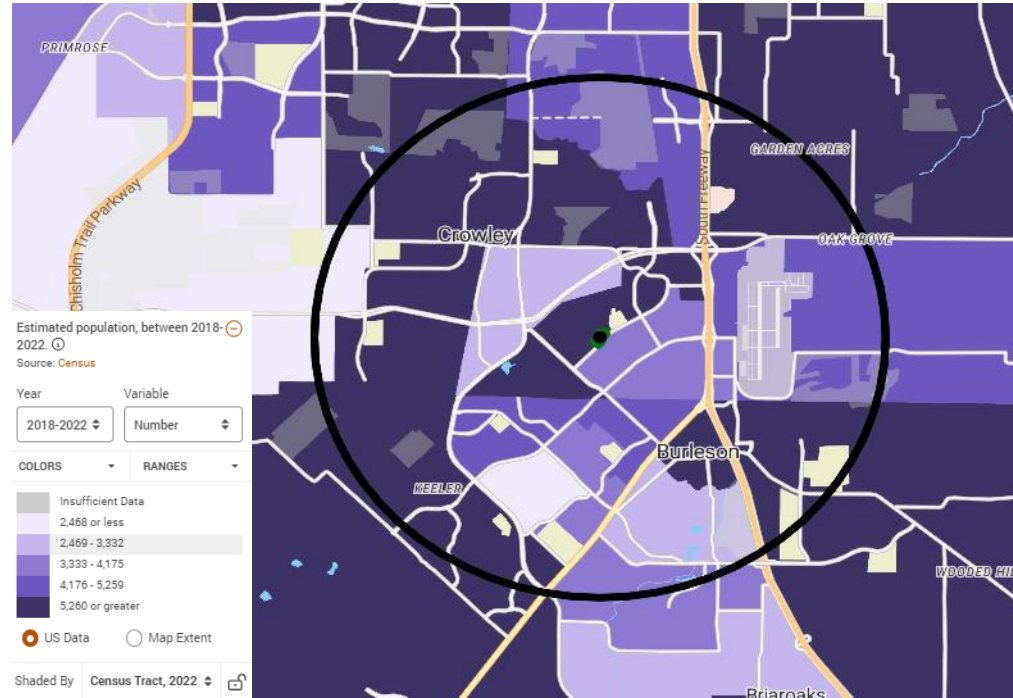
Health and wellness metrics of concern for the community around Centennial Park are greater than the county and/or state for the following metrics:

ADULT MENTAL HEALTH: 1% more adults struggle with poor mental health within a 3-mile buffer of Centennial Park, as compared to county and state averages.

OBESITY: Over 1 in 3 adults have obesity at all levels of analysis.

WALKABILITY INDEX: The community around Centennial Park is less walkable than other communities in the county and state.

Centennial Park



Total estimated population is **56,322** represented by block group for the city of Burleson. Number of people under 18 is **16,580**. Centennial Park is shown in **green**.

Our Data Driven Project Approach: National Demonstration Sites



Turning **research** into **practice**™



5 best practice design categories to meet
your data-driven community needs



Turning Research into Practice to Impact Community Vitality

High quality designed environments result in high quality outcomes.

Connection to Community Vitality



Diversity, Equity, Inclusion
Emotional Health



Physical Health
Social, Emotional Health



Physical Health
Public Services



Environment
Social, Emotional Health



Community Engagement
Education

National Demonstration Site Recognition & Outcomes



Evidence-Based Resources



Scholarly Investment & Partnership





Benefits of Our Unique NDS Approach



Our unique approach leverages data to inform and measure impact.

IMPLEMENT DESIGN BEST PRACTICES



Create high-quality environments.

RECEIVE RECOGNITION



Celebrate your leadership and commitment to play and recreation.

DEMONSTRATE IMPACT



Receive one-of-a-kind data services and site-specific reports that capture the impact and outcomes of your NDS.

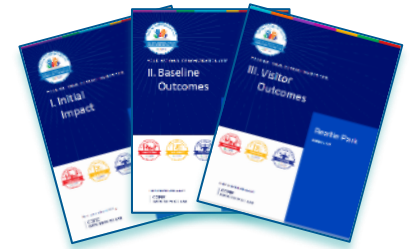
SHARE & SHOWCASE



Advocate the positive impact high-quality destinations have on your community health and wellness.

DEMONSTRATE IMPACT

Receive customized data reports for your National Demonstration Site



1

Before Opening



WHO can this site impact?

Local data points describe the impact your NDS will have on the area drawing population.

2

60+ Days Post Opening



WHAT is happening at this site?

Mobility data (60+ days post opening) describes the pre and post usage outcomes and the estimated health savings.

3

50+ Scans Post Opening



HOW are users responding?

Self-reported user sentiments and usage outcomes after reaching 50+ signage scans from users of your NDS.



National Demonstration Sites:

ENCOURAGE REPEAT VISITATIONS

97% of site visitors say they will return again in the near future.

DEMONSTRATE HEALTH & WELLNESS

99% of site visitors were active.

PROMOTE RECOMMENDED PHYSICAL ACTIVITY

96% of site visitors are active at the site for 30 minutes or longer.

CLAIM VISITOR SATISFACTION

98% of site visitors are satisfied with their visit.

Inclusive Projects

Innovative and inclusive projects
based on best-practice research.

Keeley Park – Greensboro, NC



Keeley Park – Greensboro, NC



Southeast Metro – Austin, TX



Liberty Park – Sapulpa, OK



Customization High Pressure Laminate Panels



Highly Inclusive Pathways



Inclusive Products

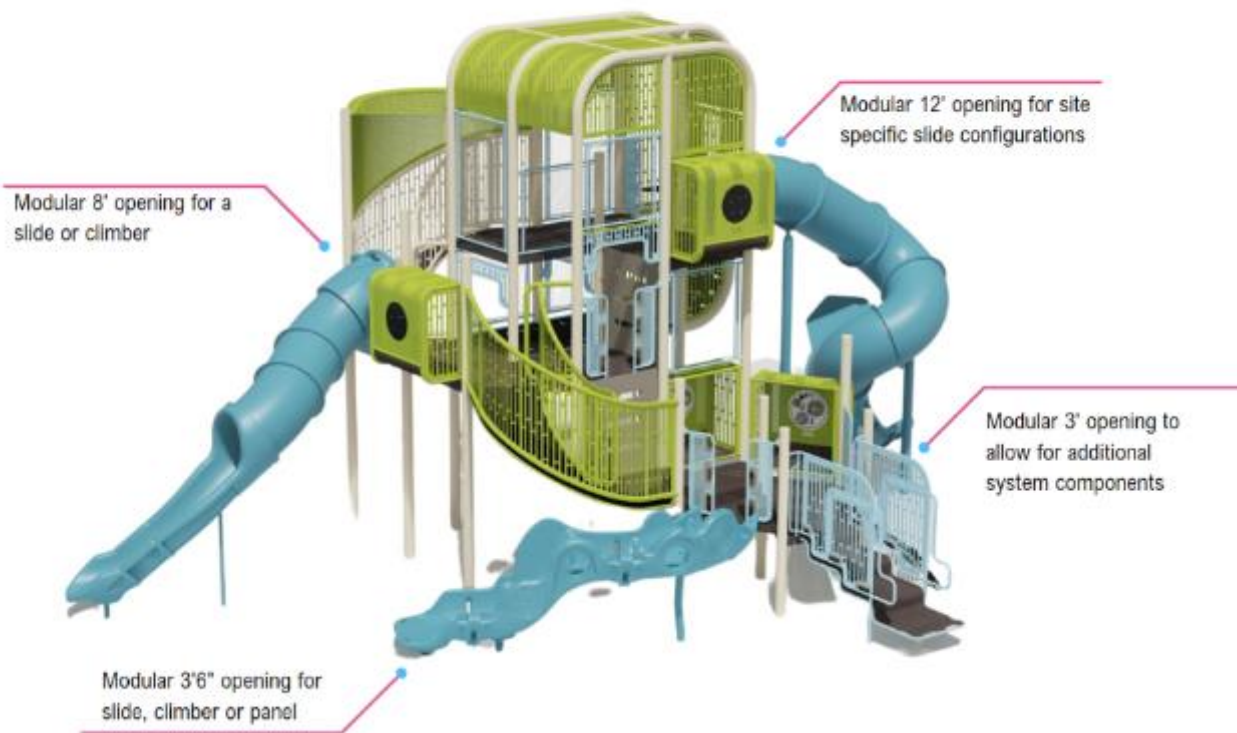
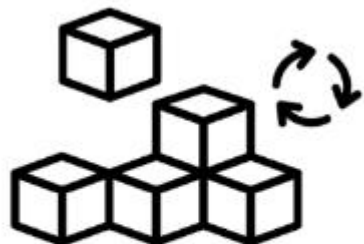
Innovative and inclusive products
based on best-practice research.

Aventus Tower

- Innovative new transfer system
- EveryBODY Plays Arise Climber
- Sensory-rich Play Pockets
- Spacious tower with open sight lines



Modular Design



Everybody Plays Arise w/ Cover



LandMark Design (PowerScape)



Deck Height Availability: 12'



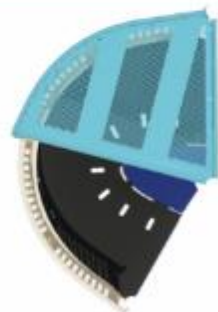
Age Grouping: 5-12

Multiple handgrip locations provide a comfortable transfer from mobility device

SureGrip texture and semi-flexible design creates secure pathways for exploration.

Integrated transferable access point promotes play for all

Varied levels of challenge to engage users of all abilities



Inclusive Whirl

- Zero-entry design for ease of use for everyone
- Surface at ground level for access without transfer
- Room for multiple people to play together



GT Wave

- The first inclusive playground net
- EveryBODY Plays Transfer and SureGrip® pathway to Zip Slide
- Design makes it possible for everyone to play together



Sensory Wave Climber

- Multisensory climbing experience
- Add auditory, visual, and tactile play
- Adaptive switch compatible
- Front reach design makes it easy for everyone to play



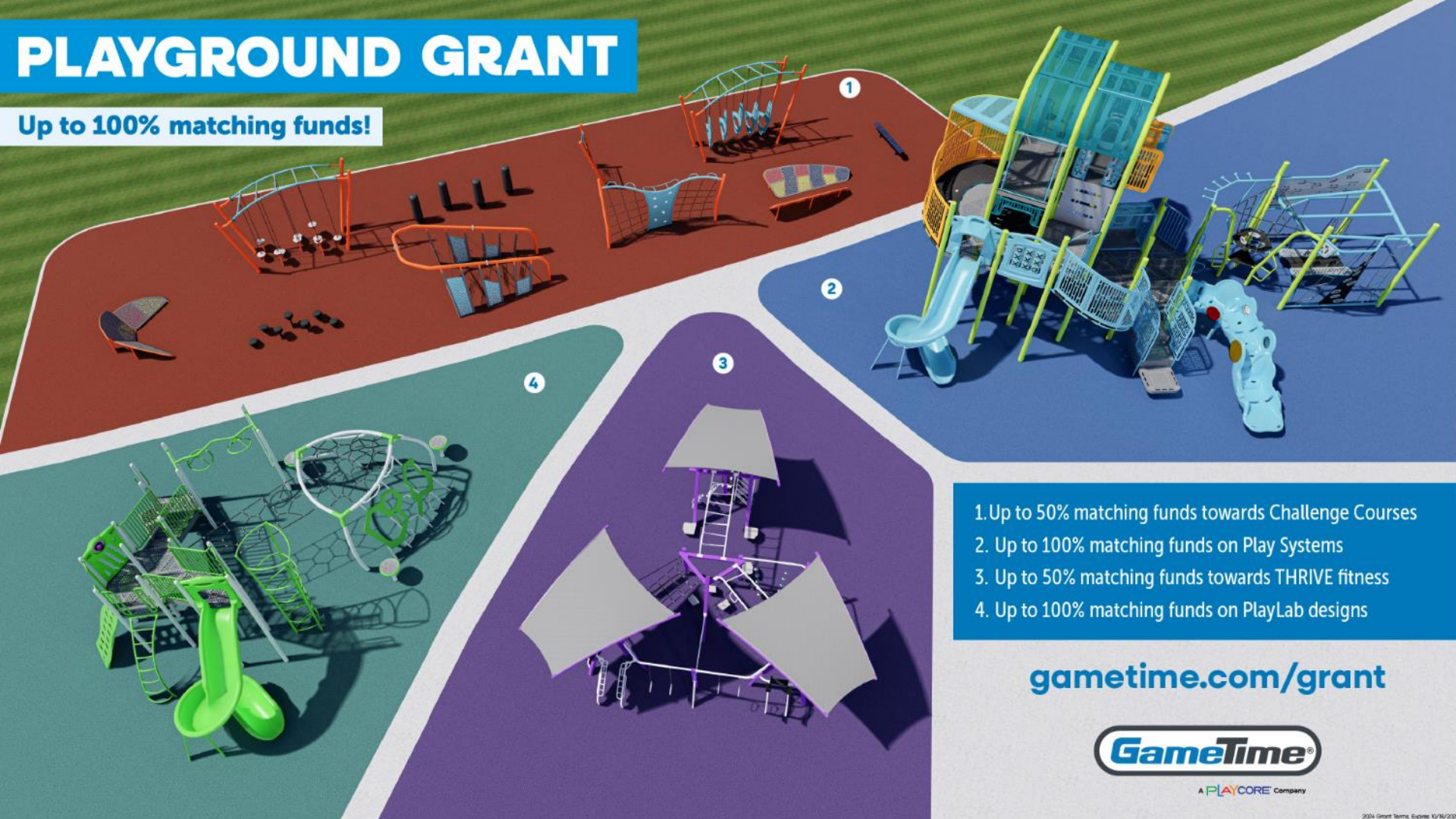
PLAYGROUND GRANT

**Up to 100%
matching funds!***



PLAYGROUND GRANT

Up to 100% matching funds!



1. Up to 50% matching funds towards Challenge Courses
2. Up to 100% matching funds on Play Systems
3. Up to 50% matching funds towards THRIVE fitness
4. Up to 100% matching funds on PlayLab designs

gametime.com/grant



A PLAYCORE Company

2024 External Deadlines

- Applications due October 18, 2024
- Orders due October 25, 2024
- Customer must be able to receive order by December 31, 2024

GameTime reserves the right to decline any application for a GameTime grant. GameTime will accept grant orders until October 25, 2024, or until all eligible funds are disbursed, whichever comes first. Customer must be able to receive order by December 31, 2024, subject to transportation availability.



Next Steps from Today

- Submit Application for GameTime Grant Matching Funds
- Develop Inclusive Play Options to Review with Council and Community to bring 1st National Demonstration Site to Joshua
- Develop Play Options for Swing Area near ball fields – Freestanding preferred
- Review and select Inclusive Playground Design and place order by 10/25/24 Grant deadline.

