

Waukee Epic Inclusive Playground Waukee, IA

The following is an itemized review of the inclusive play elements in the Waukee Epic Inclusive Playground located in Waukee, IA presented by Outdoor Recreation Products and created by Landscape Structures, Inc. (#1130704-01-04). This playground is designed for children of all abilities to play, learn and grow together.

OVERALL PLAYGROUND SITE

It is important for ALL children to have a variety of sensory experiences for healthy development. These include experiences that involve movement (vestibular system), climbing (proprioceptive system), and a mix of tactile, visual, and auditory experiences.

The playground is located at a local community park which includes a Miracle League baseball field, shelters, walking trails and a large lake with accessible fishing piers. Ample accessible parking slots and inclusive restrooms will provide full service access to those of all abilities who will play at the playground.


The proposed surfacing is unitary surfacing that creates a higher level of accessibility and safety for all children. This ensures that those using any type of mobility device have access to all the inclusive playground elements throughout the whole playground. The playground design includes a seating wall around most of the playground. This acts as a protective wall which allows children to play freely while parents and caregivers can sit back and monitor for safety. This is specifically supportive of families and caregivers who work with children with autism who might flee when overwhelmed during play.



There are shade-structures located on the playground that will provide visitors with some shade. There are several seating areas with shade provided around the playground so parents can sit and watch their children at play. Shade is important for all who play so that they do not experience sun or heat exposure while at the park. For some children with disabilities this shade will make the difference between their being able to play or not play. Their medical condition or medications may limit how long they can be in direct sunlight or high heat.


Finally, this playground allows children to explore concepts of STEM (Science, Technology, Engineering, and Math) through play. Each area of the playground actively engages children playfully in the concepts of force, energy and gravity to name a few. The following is an itemized table of the different play elements within the playground and their benefits for children of varying abilities.



2-5 YEAR OLD PLAY STRUCTURE


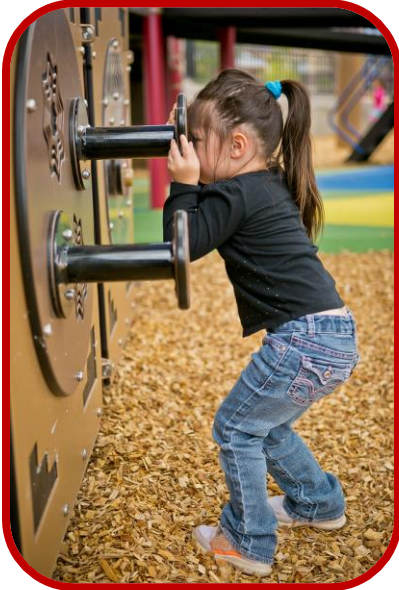
In this area of the playground younger children will be able to discover gravity while they play. In some cases it might be their first really experience of the intensity of gravity as they slide down to earth on the slides. They will learn about cause and effect as they engage in the variety of play panels, learning that their actions can change their play experience. They will learn concepts of force and energy as they use their body to climb and move throughout this structure.



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Ramp w/Guardrails</p>					<p>Single wide ramps on this structure ensure that children of all abilities are able to access play on the higher play deck levels. Those using wheeled devices are able to play at each deck level as well as change direction on these decks so that they can safely head to other areas of the play structure.</p>
	<p>Vestibular Proprioception Visual Tactile</p>	<p>Balance Coordination Motor Planning Core & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>DigiFuse® STEM Interactive Talk about Gravity Panel</p> 	<p>Visual Proprioception Tactile Auditory</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Language & Literacy</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The DigiFuse STEM Interactive Talk about Gravity Panel introduces children to the concept of gravity by allowing them to drop the apples and see what happens. This panel is designed to encourage parents and caregivers to expand their child's vocabulary around science concepts while they play together.</p>
<p>Fun Mirror Panel®</p> 	<p>Visual Proprioception Tactile</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Fun Mirror Panel encourages visual play as children look at the world through a concave/convex mirror. When children rotate the panel they are able to see how their actions create a change in image in the panel, building an understanding of cause and effect.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Conical Climber™</p> 	<p>Vestibular + Proprioception Tactile</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Conical Climber has solid hand and foot holds mounted onto a moving membrane. This requires children to respond to the movement of the climber as they climb to the deck above. This helps build balance, motor coordination and overall body strength as children play.</p>
<p>Rain Sound Wheel Panel™</p> 	<p>Visual Proprioception Tactile Auditory</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Rain Sound Wheel Panel encourages children to explore how their rotation of the rain wheel impacts the sounds that they hear from the wheel. This helps children understand how their actions can change sounds from the panel. The sound of rain wheel is calming to some children with sensory processing disorders.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Pod Climber®</p> 	<p>Vestibular Proprioception Tactile Visual</p>	<p>Balance Coordination Flexibility Motor Planning Core & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>Pod Climbers allows children work on their balance and motor planning skills as they step from one pod to the next during play.</p>
<p>DigiFuse® STEM Interactive about Weather Panel</p> 	<p>Visual Proprioception Tactile Auditory</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Language & Literacy</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The DigiFuse STEM Interactive Talk about Weather Panel introduces children to everything weather by allowing them to rotate the weather wheels to describe the weather around them. This panel is designed to encourage parents and caregivers to expand their child's vocabulary around science concepts while they play together.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Hole Panel</p> 	<p>Tactile Proprioception</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Hole Panel creates the perfect opening for children to crawl and climb through building balance and motor coordination skills. It can quickly become a door, window or whatever a child can image.</p>
<p>Kaleidospin Panel®</p> 	<p>Visual Proprioception Tactile</p>	<p>Eye-Hand Coordination Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The KaleidoSpin Panel encourages children to explore visual patterns in the world around them. Children control what they see and how quickly it changes by spinning the view finder on the panel. The rotation of the view finder builds fine motor skills and eye-hand coordination as they change the orientation of the images they see while playing with this fun panel. The design encourages social engagement as children view each other through the view finder.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Wobble Pod®</p> 	<p>Vestibular Proprioception</p>	<p>Balance Coordination Motor Planning Core Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Wobble Pods can help children work on their balance skills as they move from one Wobble Pod to the next on the playground. They can also be a fun place to sit with a friend and take a breather during play.</p>
<p>Slant Window Panel</p> 	<p>Visual Proprioception</p>	<p>Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Slant Window Panel provides children with the opportunity to look out beyond the main deck of play. It allows them to relate to children on the ground below them.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Double Slide</p> 	<p>Vestibular Proprioception</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Social Skill Development</p>	<p>The Double Slide is designed to allow children to slide together or race to the ground below. It provides vestibular input and helps children understand the power of gravity. The side by side design encourages socialization and communication.</p>
<p>Ring-a-Bell™ Reach Panel</p> 	<p>Auditory Proprioception Tactile</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Ring-a-Bell Reach Panel contains a set of bells that children can ring during play. This panel is designed for easy roll up access for an individual using a wheelchair. It is partnered with a balcony deck.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Balcony Deck</p> 	<p>Vestibular Proprioception Tactile Visual</p>	<p>Balance Coordination Motor Planning</p>		<p>Social Skill Development Imaginative Play</p>	<p>Balcony decks are often used on the playground structure to provide additional space for children to play. They can be used with Reach Panels to provide more roll-up space for children using wheel mobility devices ensuring that children can play without feeling like they are in the way of other children moving through the playground structure.</p>
<p>Chimes Reach Panel</p> 	<p>Auditory Proprioception Tactile</p>	<p>Eye-Hand Coordination Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Chimes Panel encourages children to explore sound in multiple ways as they run their fingers along the chimes. They can create loud to soft sounds or begin to create songs with their friends. This panel is designed for easy roll up access for an individual using a wheelchair. It is partnered with a balcony deck.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Cozy Climber™</p> 	<p>Vestibular Proprioception Tactile</p>	<p>Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Cozy Climber has large rungs that children can use for hand and foot placement allowing children to develop the motor skills to change directions in space as they climb. They must work on changing their body position in space as they move upward then across the climber to reach the deck level.</p>
<p>Clatterbridge</p> 	<p>Visual Vestibular + Proprioception Tactile</p>	<p>Agility Balance Coordination Motor Planning Core & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Clatterbridge design creates movement as children run across it. This adds a vestibular element to their play experience that builds balance and coordination. The bridge is solid enough that those using wheel mobility devices can comfortably wheel across it. Children of all ages will enjoy clattering across it.</p>


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Bubble Panel</p> 	<p>Visual Proprioception</p>	<p>Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Bubble Panel provides children with the opportunity to look out beyond the main deck of play. It allows them to relate to children on the ground below them as well as see the sky above them.</p>
<p>Wiggle Ladder</p> 	<p>Vestibular + Proprioception Tactile Visual</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Wiggle Ladder has solid rungs attached to chains. This combination results in some movement as children climb. This requires children to adjust their muscles as they climb to the deck above helping build core body strength as well as balance and motor coordination.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Steps with Transfer Module</p> 	<p>Visual Tactile Proprioception</p>	<p>Balance Coordination Motor Planning Core Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Steps with Transfer Module encourages children to work on their basic step climbing skills as they climb up and down from the structure. The Transfer Module also provides a place where a child who is able to leave their wheelchair can transfer onto the steps to hop up to the play experiences above.</p>
<p>DigiFuse® STEM I Spy Periscope Panel</p> 	<p>Visual Proprioception Tactile Auditory</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Language & Literacy</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>This DigiFuse STEM I Spy Periscope Panel provides children with a fun way to look at all the activities happening in the park. This panel is designed to encourage parents and caregivers to expand their child's vocabulary around science concepts while they play together.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Optigear Panel®</p> 	<p>Proprioception Visual</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The OptiGear Panel engages children in the process of moving the assorted gears within the panel. This helps them understand how their movement of one gear can engage the gears in different ways developing knowledge of cause and effect.</p>
<p>Table Panel</p> 	<p>Visual Proprioception Tactile</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Table Panel provides a place where children can pretend that they are serving their friends a meal. The Pod Climbers provide them with a seating option so that they can hang out for a while with their friends.</p>



5-12 YEAR OLD PLAY STRUCTURE



This area of the playground builds on the science knowledge that children have built on the 2-5 year old play structure. They will learn more concepts of force and energy as they use their body to climb and move throughout this structure. Some elements on this structure encourage group cooperation to help make elements move, teaching children to see how their coordination of muscle work can make the play experience greater than they expected. Children will find multiple ways to play in creative ways with each other to explore music and create worlds of their own imagination.



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
Ramp w/Guardrails					<p>Single wide ramps on this structure ensure that children of all abilities are able to access play on the higher play deck levels. Those using wheeled devices are able to play at each deck level as well as change direction on these decks so that they can safely head to other areas of the play structure.</p>
	Vestibular Proprioception Visual Tactile	Balance Coordination Motor Planning Core & Lower Body Strength	Problem Solving	Cooperation Social Skill Development Imaginative Play	



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Balcony Deck</p> 	<p>Vestibular Proprioception Tactile Visual</p>	<p>Balance Coordination Motor Planning</p>		<p>Social Skill Development Imaginative Play</p>	<p>Balcony decks are often used on the playground structure to provide additional space for children to play. They can be used with Reach Panels to provide more roll-up space for children using wheel mobility devices ensuring that children can play without feeling like they are in the way of other children moving through the playground structure.</p>
<p>Trail Tracker® Reach Panel</p> 	<p>Visual Tactile Proprioception</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Trail Tracker Reach Panel includes several different paths that children can trace with their fingers. This multisensory play will help build problem solving and strategic thinking skills. This panel is designed for easy roll up access for an individual using a wheelchair. It is partnered with a balcony deck.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p data-bbox="138 215 541 240">Ring-a-Bell™ Reach Panel</p> 	<p data-bbox="562 248 810 337">Auditory Proprioception Tactile</p>	<p data-bbox="831 248 1033 375">Eye-Hand Coordination Fine Motor Motor Planning</p>	<p data-bbox="1075 248 1199 375">Problem Solving Strategic Thinking</p>	<p data-bbox="1293 248 1478 407">Cooperation Social Skill Development Imaginative Play</p>	<p data-bbox="1524 248 1959 472">The Ring-a-Bell Reach Panel contains a set of bells that children can ring during play. This panel is designed for easy roll up access for an individual using a wheelchair. It is partnered with a balcony deck.</p>
<p data-bbox="138 859 541 883">Match 3 Reach Panel</p> 	<p data-bbox="562 891 810 980">Visual Tactile Proprioception</p>	<p data-bbox="831 891 1033 1018">Eye-Hand Coordination Fine Motor Motor Planning</p>	<p data-bbox="1075 891 1199 1018">Problem Solving Strategic Thinking</p>	<p data-bbox="1293 891 1478 1050">Cooperation Social Skill Development Imaginative Play</p>	<p data-bbox="1524 891 1959 1278">The Match 3 Reach Panel provides children with a fun way to work on patterns and sequences. They can play alone or with a friend as they challenge each other to see who can match three colored wheels in a row. This panel is designed for easy roll up access for an individual using a wheelchair. It is partnered with a balcony deck.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p data-bbox="138 212 478 240">Rain Sound Wheel Panel™</p> 	<p data-bbox="562 245 762 375">Visual Proprioception Tactile Auditory</p>	<p data-bbox="831 245 1031 375">Eye-Hand Coordination Fine Motor Motor Planning</p>	<p data-bbox="1075 245 1190 391">Problem Solving Strategic Thinking</p>	<p data-bbox="1293 245 1472 423">Cooperation Social Skill Development Imaginative Play</p>	<p data-bbox="1524 245 1959 602">The Rain Sound Wheel Panel encourages children to explore how their rotation of the rain wheel impacts the sounds that they hear from the wheel. This helps children understand how their actions can change sounds from the panel. The sound of rain wheel is calming to some children with sensory processing disorders.</p>
<p data-bbox="138 823 321 850">Pod Climber®</p> 	<p data-bbox="562 855 762 985">Vestibular Proprioception Tactile Visual</p>	<p data-bbox="831 855 1031 1050">Balance Coordination Flexibility Motor Planning Core & Lower Body Strength</p>	<p data-bbox="1075 855 1190 920">Problem Solving</p>	<p data-bbox="1293 855 1472 1018">Cooperation Social Skill Development Imaginative Play</p>	<p data-bbox="1524 855 1959 985">Pod Climbers allows children work on their balance and motor planning skills as they step from one pod to the next during play.</p>


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Marble Panel®</p> 	<p>Visual Proprioception Tactile Auditory</p>	<p>Eye-Hand Coordination Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Marble Panel encourages children to explore numbers, colors and light. Children can roll the marbles within the panel to engage their sense of touch, hearing and vision while they play with the marbles.</p>
<p>Pilot Panel</p> 	<p>Visual Tactile Proprioception</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Pilot Panel is a fun place for children to drive off into the world of their imaginations with their friends.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Storefront Panel</p> 	<p>Visual Proprioception Tactile</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Store Front Panel design allows children to engage in large variety of pretend play experiences.</p>
<p>Wood Plank Wiggle Ladder</p> 	<p>Vestibular + Proprioception Tactile Visual</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Wiggle Ladder has solid wood planks attached to chains. This combination results in some movement as children climb. This climber requires children to adjust their muscles as they climb to the deck above building core body strength as well as balance and motor coordination.</p>


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p data-bbox="138 215 369 240">Double Swirl Slide</p> 	<p data-bbox="562 248 762 313">Vestibular+ Proprioception</p>	<p data-bbox="831 248 1031 345">Balance Coordination Motor Planning</p>	<p data-bbox="1075 248 1190 313">Problem Solving</p>	<p data-bbox="1293 248 1472 313">Social Skill Development</p>	<p data-bbox="1524 248 1934 508">The Double Swirl Slide provides children with a fun swirl as the head down the slide. It fully engages the child's vestibular system as they slide to the earth below. The double slide design encourages social play as they wait to slide down with a friend.</p>
<p data-bbox="138 870 359 894">Canyon Climber</p> 	<p data-bbox="562 902 762 1000">Vestibular Proprioception Tactile</p>	<p data-bbox="831 902 1031 1130">Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p data-bbox="1075 902 1190 967">Problem Solving</p>	<p data-bbox="1293 902 1472 1065">Cooperation Social Skill Development Imaginative Play</p>	<p data-bbox="1524 902 1934 1227">The Canyon Climber encourages children to develop a variety of motor skills including balance, motor coordination and overall body strength as they move laterally across the climber. The design requires children to work on problem solving skills as they work their way from one area of the playground to another.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Steps with Transfer Module</p> 	<p>Visual Tactile Proprioception</p>	<p>Balance Coordination Motor Planning Core Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Steps with Transfer Module encourages children to work on their basic step climbing skills as they climb up and down from the structure. The Transfer Module also provides a place where a child who is able to leave their wheelchair can transfer onto the steps to hop up to the play experiences above.</p>
<p>Lolliladder</p> 	<p>Vestibular Proprioception Tactile</p>	<p>Agility Coordination Flexibility Motor Planning Core, & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The LolliLadder builds upper body and core trunk strength as children swing their way from one side to the other. The design requires them to move their arms reciprocally (alternating each arm) to reach the other side which builds connections between both sides of the brain as they play.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Wobble Pod® Bouncer</p> 	<p>Vestibular Proprioception</p>	<p>Balance Coordination Motor Planning Core Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Wobble Pods Bouncer can help children work on their balance skills as they move from one Wobble Pod to the next on the playground. They can also be a fun place to sit or stand with a friend and wobble back and forth.</p>
<p>Disc Challenge</p> 	<p>Visual Vestibular + Proprioception Tactile</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Disc Challenge encourages children to develop a variety of motor skills including agility, balance, motor coordination and overall body strength while they play. The design requires children to problem solve their way from one area of the playground to another.</p>


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Sway Fun® Glider</p>					<p>The Sway Fun provides a social gathering point where children can rest and still play. Together children can make the Sway Fun move providing them with swaying vestibular input. The placement of the table is a key component of its design, this creates an opportunity for children using wheelchair to actively participate in creating movement of the Sway Fun. There is plenty of room for children of all ages to play together and enjoy the ride.</p>
	<p>Vestibular + Tactile Proprioception</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Upper & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>SwiggleKnots™ Bridge</p> 	<p>Vestibular+ Proprioception Tactile Visual</p>	<p>Agility Balance Flexibility Coordination Motor Planning Core & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The SwiggleKnots™ Bridge encourages children to develop a variety of motor skills including balance, motor coordination and overall body strength. The design requires children to work their way across the ropes laterally from one side to another. Children can also choose to move up and down on the different ropes as they move across this unique bridge.</p>
<p>O-Zone® 3-Ring Climber</p> 	<p>Vestibular + Proprioception Tactile</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The O-Zone® 3-Ring Climber challenges children to constantly respond to their own movements as well as the movement of other children climbing within the rings. This improves their balance, flexibility and motor coordination. The design allows children to create their own climbing path in and over the rings.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Talk Tube</p> 	Auditory			Cooperation Social Skill Development Imaginative Play	Talk Tubes enable children to verbally communicate from one end of the structure to the other. Children often incorporate these into their pretend play scenarios.



5-12 YEAR OLD TOWER PLAY STRUCTURE



The Towers are design to push every child's experience of gravity, energy and force as children play. All the skills children have developed on other areas of the playground will be stretched as child see how far they can push their sense of balance, movement and overall strength. They will experience the thrill of gravity as they slide back to earth from greater heights and will challenge their own strength and coordination as they navigate the assorted climbers to get back to the top of the different towers.



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Double Ramp w/Guardrails</p>					<p>The double wide ramps used within the structure ensure that those using wheelchairs or pushing strollers to roll side by side. It provides enough room for these individuals to change directions while on the ramp so that they can easily move around on the structure to reach the assorted play elements located along the path.</p>
	<p>Vestibular Proprioception Visual Tactile</p>	<p>Balance Coordination Motor Planning Core & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
Under Deck Square Net					<p>The Under Deck Square Net creates a fun hangout below deck level. It is naturally shaded by the deck above. It challenges children to work on their motor planning skills as they step thru each net square or to keep from stepping off the rope to land in the “water” or “lava” below. Groups of children will enjoy just hanging out together in this below deck hangout.</p>
	Vestibular + Proprioception Tactile Visual	Agility Balance Coordination Endurance Eye-Hand Coordination Motor Planning Core, Lower & Upper Body Strength	Problem Solving Strategic Thinking	Cooperation Social Skill Development Imaginative Play	


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Loop Arch</p> 	<p>Vestibular Tactile Proprioception</p>	<p>Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Loop Arch has large rungs that children can use for hand and foot placement allowing children to develop the motor skills to change directions in space as they climb. They must work on changing their body position as they move upward then across the climber to reach the deck level.</p>
<p>Star Seeker Climber</p> 	<p>Vestibular+ Proprioception Tactile Visual</p>	<p>Agility Balance Coordination Flexibility Motor Planning Upper, Lower & Core Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Star Seeker Climber engages children's balance skills as they climb. The net material responds to children as they climb building their core strength and motor coordination skills as they move up and down the climber.</p>


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Optigear Panel®</p> 	<p>Proprioception Visual</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The OptiGear Panel engages children in the process of moving the assorted gears within the panel. This helps them understand how their movement of one gear can engage the gears in different ways developing knowledge of cause and effect.</p>
<p>Firepole</p> 	<p>Vestibular Proprioception Tactile</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Firepole can be used as a fun and quick way for children to slide back to earth. It can also be used as a climber for those children who really want to test their upper body climbing skills. Children often incorporate this element into imaginary play scenarios on the playground.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p data-bbox="138 215 415 240">Sign Language Panel</p> 	<p data-bbox="573 248 772 337">Visual Proprioception Tactile</p>	<p data-bbox="842 248 1041 370">Eye-Hand Coordination Fine Motor Motor Planning</p>	<p data-bbox="1083 248 1199 370">Problem Solving Strategic Thinking</p>	<p data-bbox="1302 248 1486 402">Cooperation Social Skill Development Imaginative Play</p>	<p data-bbox="1530 248 1959 532">The Sign Language Panel enables children to explore a different way of communicating with each other. The images allow children to practice Sign Language with their new friends who might use this language as their primary way of communicating.</p>
<p data-bbox="138 800 352 824">Sky Rail Climber</p> 	<p data-bbox="573 833 772 922">Vestibular + Proprioception Tactile</p>	<p data-bbox="842 833 1041 1084">Agility Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p data-bbox="1083 833 1199 889">Problem Solving</p>	<p data-bbox="1302 833 1486 987">Cooperation Social Skill Development Imaginative Play</p>	<p data-bbox="1530 833 1959 1149">The Sky Rail Climber challenges children to move in different planes moving from vertical to horizontal movement to go from the ground to structure above. This helps children build their motor coordination and planning skills as the move from climber to climber as they play with their friends.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Crest Climber</p> 	<p>Vestibular + Proprioception Tactile</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Crest Climber will provide children with endless ways to move from one level of the playground structure to the other. It allows them to develop agility, flexibility and motor coordination skills as they challenge their vestibular system as they climb.</p>
<p>Lollipop Climber</p> 	<p>Vestibular Tactile Proprioception</p>	<p>Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Lollipop Climber provides more of a challenge than most climbers as children must use reciprocal hand and foot motion to get to the deck. This helps children build their balance and motor coordination skills as they play.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Balcony Deck</p> 	<p>Vestibular Proprioception Tactile Visual</p>	<p>Balance Coordination Motor Planning</p>		<p>Social Skill Development Imaginative Play</p>	<p>Balcony decks are often used on the playground structure to provide additional space for children to play. They can be used with Reach Panels to provide more roll-up space for children using wheel mobility devices ensuring that children can play without feeling like they are in the way of other children moving through the playground structure.</p>
<p>Telescope Panel</p> 	<p>Visual Proprioception Tactile</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Telescope Panel provides children with a fun way to look at all the activities happening in the park. It is mounted on a balcony deck to ensure access for all.</p>


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Bubble Panel</p> 	<p>Visual Proprioception</p>	<p>Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Bubble Panel provides children with the opportunity to look out beyond the main deck of play. It allows them to relate to children on the ground below them as well as see the sky above them.</p>
<p>Double Swoosh Slide®</p> 	<p>Vestibular Proprioception</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Social Skill Development</p>	<p>The Double Swoosh Slide is designed to allow children to slide together or race to the ground below. It provides vestibular input and helps children understand the power of gravity as they play. The side by side design encourages socialization and communication.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
Double-Decker Sensory Tunnel					<p>The Double-Decker Sensory Tunnel is a unique space where children can get away from all the active play on the playground to calm down and refocus for play. The marbles provide a tactile play element that children can run their fingers along during fine motor play. The windows with assorted color lenses provide fun ways for lighting to enter the tunnel providing children with a kaleidoscope experience that changes throughout the day. For children with autism and sensory processing disorder this element will be a great place for a “time inn” where they can go to regulate their nervous system to re-engage in play allowing them to have better overall interactions with others on the playground. The cable climber above gives them a way to engage with children above them should they want to interact with others around them.</p>
	Tactile Visual Proprioception	Eye-Hand Coordination Fine Motor Motor Planning	Problem Solving	Cooperation Social Skill Development Imaginative Play	


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Logo Climber</p> 	<p>Vestibular + Proprioception Tactile</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Logo Climber challenges children to climb in different planes moving from a vertical to horizontal position in space as they go to and from ground level into the structure. The hand holds provide a safe transition onto and off the deck while ensuring that those who use wheelchairs cannot roll off the structure.</p>
<p>Steering Wheel</p> 	<p>Visual Tactile Proprioception</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Steering Wheel provides children with a fun way to drive off into the world of their imaginations. It is located on deck level of the first tower providing children with a quick way to change the tower into a rocket ship to blast into the sky beyond.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Chimney Climber</p> 	<p>Vestibular + Proprioception Tactile Visual</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Chimney Climber has flexible hand and foot that move as children climb. This requires children to respond to the movement of the climber as they climb to the deck above. This helps build agility, balance, overall coordination and body strength while they play on this fun climber.</p>
<p>Periscope Panel</p> 	<p>Visual Proprioception Tactile</p>	<p>Motor Planning Eye-Hand Coordination</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Periscope Panel provides children with a fun way to look at all the activities happening in the park.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Corkscrew Climber</p> 	<p>Vestibular + Proprioception Tactile Visual</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Upper & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Corkscrew can be used as a spinner to exit the play deck providing a fun vestibular trip back to earth. It can also be used as a climber to re-enter the play deck helping children work on their balance, motor coordination, muscle strength and agility.</p>
<p>Custom TurboTwister™ Tunnel Slide</p> 	<p>Vestibular+ Proprioception Visual</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Custom TurboTwister Tunnel Slide provides children with a full tunnel spiral experience as they race down to earth. This fully engages their vestibular system as well as buildings balance and motor coordination as children adjust their body as they twist down the spiral tunnel during play.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
Cable Climber Tunnel					<p>The Cable Climber Tunnel creates a thrilling way to move from one tower to the next. These tunnel nets challenge children to constantly respond to their own movements as well as the movement of other children climbing on the net. This improves their balance, flexibility and motor coordination. The subtle movements of the net help build overall core trunk muscle strength.</p>
	Vestibular + Proprioception Tactile Visual	Agility Balance Coordination Endurance Eye-Hand Coordination Motor Planning Core, Lower & Upper Body Strength	Problem Solving Strategic Thinking	Cooperation Social Skill Development Imaginative Play	




Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Tower Belt Climber</p> 	<p>Vestibular + Proprioception Tactile Visual</p>	<p>Agility Balance Coordination Endurance Eye-Hand Coordination Motor Planning Fine Motor Core, Lower & Upper Body Strength</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Tower Belt Climber allows those who use wheelchairs and have upper body strength to pull themselves up onto the belt giving them the chance to make their way up into the upper levels to play with their peers.</p>
<p>Custom Tunnel Slide</p> 	<p>Vestibular+ Proprioception Visual</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Custom Tunnel Slide provides children with enclosed sliding experience. Windows provide children with a glimpse of the world around them as they slide. Children with enjoy this unique tunnel experience that fully engages their vestibular system.</p>



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p data-bbox="138 215 527 240">Vertical O-Zone Ring Climber</p> 	<p data-bbox="573 248 772 337">Vestibular + Proprioception Tactile</p>	<p data-bbox="842 248 1041 467">Agility Balance Coordination Flexibility Motor Planning Core & Upper Body Strength</p>	<p data-bbox="1083 248 1199 305">Problem Solving</p>	<p data-bbox="1302 248 1486 402">Cooperation Social Skill Development Imaginative Play</p>	<p data-bbox="1530 248 1959 727">The Vertical O-Zone Ring Climber are suspended rings hung between the tower posts and they begin to move the moment children begin to climb on a ring to the tower deck above. These rings really challenge a child's motor planning, motor coordination and balance. The more children on this climber, the more movement each child must adjust to, leading to a great core muscle workout while they play.</p>
<p data-bbox="138 802 506 859">Custom Stainless Steel Spiral Slide</p>	<p data-bbox="573 1344 772 1401">Vestibular+ Proprioception</p>	<p data-bbox="842 1344 1041 1433">Balance Coordination Motor Planning</p>	<p data-bbox="1083 1344 1199 1401">Problem Solving</p>	<p data-bbox="1302 1344 1486 1401">Social Skill Development</p>	<p data-bbox="1530 834 1948 1248">The Custom Stainless Steel Spiral Slide provides children with a spiral ride back down to earth. It fully engages the child's vestibular system as they race back to the ground to join their friends in play. The stainless steel eliminates static electricity building ensuring that children with cochlear implants can safely slide without fear of static electricity discharging into their implant.</p>

SENSORY PLAY HILLSIDE ELEMENTS

The Sensory Play Hillside Elements are design to allow children to play with planet earth! They will experience of the science of gravity, energy and force as children play. All the skills children have developed on other areas of the playground will be stretched as child see how far they can push their sense of balance, movement and overall strength as they play on the earth.


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Hillside Rope Pull Climber</p> 	<p>Vestibular Proprioception Tactile</p>	<p>Agility Balance Cardiovascular Coordination Endurance Motor Planning Core, Upper & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Social Skill Development Imaginative Play</p>	<p>This unique hillside rope provides children with a fun way to conquer the hillside while they work on building their upper body strength and motor coordination. They can easily make this rope pull part of many imaginative games.</p>
<p>Hillside Gemini SlideWinder2®</p> 	<p>Vestibular+ Proprioception</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Hillside Gemini SlideWinder2 provides children with a couple of twisting and turning route back down to earth. These slides engage the child's vestibular system as they slide through space and allow them to race each other to the ground below.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Hill Arch Overs</p> 	<p>Vestibular Proprioception Tactile</p>	<p>Agility Balance Coordination Endurance Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>These Hill Arch Overs give children a chance to explore moving across the hilltop in a different way. They can choose to go under these arches or challenge gravity and use their strength to climb up and over the arch overs to the other side of the hill.</p>
<p>Hillside Loops</p> 	<p>Vestibular Proprioception Tactile</p>	<p>Agility Balance Coordination Endurance Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>These Hillside Loops will provide children with a wide variety of challenges as they move up and down the hillside. They can roll thru them, hike over them or make them part of any game that they create in their imagination. Children can use them to build their balance, motor coordination and agility as the play.</p>
<p>Hillside Mounds</p> 	<p>Vestibular Proprioception Tactile</p>	<p>Agility Balance Coordination Endurance Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Hillside Mounds provide children with fun way to engage with the earth itself. These mounds of different sizes help children work on their motor skills and balance as they use them to move up the hill or sit on them to as a hillside vantage point to observe the play around them.</p>

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Hillside Rollerslide</p> 	<p>Vestibular+ Proprioception Tactile Auditory</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Hillside Roller Slide provides a tactile and auditory experience while children slide. It is wide enough for children to slide down together. The rollers eliminate any possible static electric build-up which allows children with cochlear implants to use the slide without fear of static electricity discharging into their hearing device.</p>
<p>Hillside Handholds</p> 	<p>Vestibular Proprioception Tactile</p>	<p>Agility Balance Coordination Endurance Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Hillside handholds provide children with additional support to climb up the steep side of the hill. They are solid places for children to place their hands and feet as they make their way to the top of the hill.</p>


SENSORY PLAY CALMING ELEMENTS



Sometimes, children get overwhelmed with all the play activities around them. In this area of the playground children find a safe space to step away from all the activity, rest, and recharge to be able to re-engage in play.



Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
Cozy Dome®					<p>The Cozy Dome is a unique climber that is the perfect mix of a fun climber and a cozy place for children to escape to observe others playing. It has round openings for hand and foot placement for climbing. These openings also provide good line of sight for parents who want to keep track of their children hiding within.</p>
	Vestibular Proprioception Tactile	Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength	Problem Solving	Cooperation Social Skill Development Imaginative Play	



SENSORY PLAY MUSICAL ELEMENTS

The Sensory Play Musical Elements are design to allow children discover the wonders of sound. This collection of musical play elements will provide everyone with a chance to explore the sound waves of music as they work together to play songs they know and others of their own making.

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
Rhapsody® Vibra™ Chimes					<p>The Rhapsody® Vibra™ Chimes includes a full range of notes that children can use to play any song of their creation. The arched design that supports each chime allows for easy roll-up access for those using wheelchairs. The vibration produced by each chime provides a fun sensory experience for all.</p>
	Auditory Tactile Proprioception Visual	Eye-Hand Coordination Fine Motor Motor Planning	Problem Solving Strategic Thinking	Cooperation Social Skill Development Imaginative Play	


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Rhapsody® Jingle® Metallophone</p> 	<p>Auditory Tactile Proprioception Visual</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Rhapsody Jingle Metallophone comes in junior size ensuring that younger children can reach all the notes. This instrument has a full range of notes that children can play to create any song in their imagination. The arched design of the chimes allows for easy roll-up access for those using wheelchairs. Children who get overwhelmed with all the activity on the playground might find playing this instrument very calming providing a fun way to take a break so that they can head back out to play.</p>
<p>Rhapsody® Tongue Drum</p> 	<p>Auditory Tactile Proprioception Visual</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Rhapsody® Tongue Drum provides children with a tongue drum music experience. Children can explore this drum alone or with friends. The arched design of the drum allows for easy roll-up access for those using wheelchairs.</p>


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Rhapsody® Cascata Bells</p> 	<p>Auditory Tactile Proprioception Visual</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Rhapsody® Cascata Bells provide children with a cascade of bells with calming tones. Children can explore these bells alone or with friends. Children who get overwhelmed with all the activity on the playground might find playing this instrument very calming providing a fun way to take a break so that they can head back out to play.</p>
<p>Rhapsody® Warble® Chimes</p> 	<p>Auditory Tactile Proprioception Visual</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Rhapsody Warble Chimes comes in junior size ensuring that younger children can reach all the notes. This instrument has a full octave of notes that children can play to create any song in their imagination. The arched design of the chimes allows for easy roll-up access for those using wheelchairs. Children who get overwhelmed with all the activity on the playground might find playing this instrument very calming providing a fun way to take a break so that they can head back out to play.</p>


Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Rhapsody® Goblet Drum Junior</p> 	<p>Auditory Tactile Proprioception Visual</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Rhapsody Goblet Drum Junior provides children with a fun drum experience. The drum comes in junior size ensuring that younger children can reach this drum. Children can explore this drum alone or with friends. The arched design of the drum allows for easy roll-up access for those using wheelchairs</p>
<p>Rhapsody® Ditty® Metallophone</p> 	<p>Auditory Tactile Proprioception Visual</p>	<p>Eye-Hand Coordination Fine Motor Motor Planning</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Rhapsody Ditty Metallophone comes in junior size ensuring that younger children can reach all the notes. This instrument has a full range of notes that children can play to create any song in their imagination. The arched design of the chimes allows for easy roll-up access for those using wheelchairs. Children who get overwhelmed with all the activity on the playground might find playing this instrument very calming providing a fun way to take a break so that they can head back out to play.</p>


SENSORY PLAY MOVEMENT ELEMENTS



The Sensory Movement Play allows children to explore movement together with their friends. On all of these play elements children are encouraged to engaged cooperative play. Together they will discover science and physics concepts of force and momentum as they play on these incredible play elements.

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>We-Saw™</p>					<p>The We-Saw provides children with movement up and down in space. Children can find the “just right” movement experience by sitting in the molded seats or on the center platform. Both seating options provide varying degrees of support that can be used as children need or want to engage in movement. The design allows for two children or a group of children to join in the We-Saw experience. The seats are large enough to accommodate teens and adults allowing the experience to become a true group hangout. Regardless of the number who play on the We-Saw they will all get to experience a fun vestibular experience in the presence of friends.</p>
	<p>Vestibular+ Proprioception</p>	<p>Balance Flexibility Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
We-Go-Round™					<p>The We-Go-Round™ is a merry-go-round where everyone can spin! It is designed so that children using wheeled mobility devices can wheel right in and enjoy the rotation that come from a merry-go-round experience. They can contribute to the spinning of We-Go-Round™ by using the center post wheel which allows children to create spin from the inside and outside of this merry-go-round. The design encourages social play by all children as riders and pushers cooperate to make this a fun vestibular experience for every child. Those pushing get to work on motor planning and coordination through the engagement of their proprioceptive receptors in their muscles and joints.</p>
	Vestibular+ Proprioception	Balance Core, Lower and Upper Body Strength	Problem Solving	Cooperation Social Skill Development Imaginative Play	

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
OmniSpin® Spinner					<p>The OmniSpin Spinner is a great place for a group of children of all abilities to explore movement together. The OmniSpin Spinner is an updated version of the traditional merry-go-round. It is designed so that children using wheeled mobility devices can transfer or be transferred out of their devices and enjoy the rotation that come from a merry-go-round experience. This element encourages social play by all children as riders and pushers cooperate to make this a fun vestibular experience for every child. Those pushing their friends in the spinner get to work on motor planning and coordination through the proprioceptive receptors in their muscles and joints.</p>
	Vestibular+ Proprioception	Balance Core & Lower Body Strength	Problem Solving	Cooperation Social Skill Development Imaginative Play	

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
Oodle® Swing					<p>The Oodle Swing is designed to encourage social play while swinging. A child can easily transfer from a mobility device into the Oodle Swing and its shape allows children to sit or lay together in different ways while providing support. The Oodle Swing's larger size allows adults and children to swing together. Cooperative play is needed to make the swing go, encouraging children of all abilities to work together to swing.</p>
	Vestibular+ Proprioception Tactile Visual	Balance Coordination Motor Planning Core, Lower & Upper Body Strength	Problem Solving	Cooperation Social Skill Development Imaginative Play	

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p>Saddle Spinner</p> 	<p>Vestibular+ Proprioception</p>	<p>Balance Core & Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The saddle spinner enables children to play with their vestibular system as they experience the rotational pull of gravity. The angled seat allows children to spin and rotate alone or with the help of a friend. Saddle spinners are often included in groups of two or three set at different heights. This ensures that children find their “just right” height seat. Some children will prefer a lower seat so that they can keep their feet in contact with the ground while other would prefer to have their feet off the ground and spin really fast.</p>
<p>Curva™ Spinner</p> 	<p>Vestibular+ Proprioception Tactile</p>	<p>Agility Balance Coordination Flexibility Motor Planning Core, Lower & Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Curva™ Spinner provides children with a fun way to spin and rotate alone or together. It allows them to use their arms and legs muscles to play with the forces of gravity to give their vestibular system a playful spin.</p>

CONCLUSION

Overall, this playground has many opportunities for play for any child regardless of their medical diagnosis. The design provides children with wonderful parallel paths of play at different heights ensuring that they can all play together on this playground. Children will find their “just right” fit on this playground as it is designed to support their physical, sensory and cognitive needs while it provides them with a world of fun to acquire new skills in all these areas. It provides them with great space to work on their socialization and self-esteem as they walk, run, roll, slide, climb, swing and spin together at the Waukee Epic Inclusive Playground!

Respectfully Submitted,

A handwritten signature in black ink that reads "Ingrid M. Kanics, OTR/L". The signature is written in a cursive, flowing style.

Ingrid M. Kanics, OTR/L, FAOTA
Kanics Inclusive Design Services, LLC