

## **Clinton Inclusive Playground Clinton, MO**

The following is an itemized review of the inclusive play elements in the Clinton Inclusive Playground located in Clinton, MO presented by ATHCO, LLC and created by Landscape Structures, Inc. (#111391-1). 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 in a local community center which includes an indoor pool, water slides, fitness center, and basketball courts. This playground will add a wonderful outdoor play area that all community visitors will have access to during warmer weather. New accessible parking slots and inclusive restrooms will be added to 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 4 foot vinyl coated chain link fence around the playground. Fencing 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 some 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.

The following is an itemized table of the different play elements within the playground and their benefits for children of varying abilities.

## 5-12 YEAR OLD PLAY STRUCTURE

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p><b>Ramp w/Guardrails</b></p> 	<p>Vestibular Proprioception Visual Tactile</p>	<p>Balance Coordination Motor Planning Core Body Strength Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>There is a combination of single wide ramps on this structure to ensure that children of all abilities are able to access play throughout the playground structure.</p>
<p><b>Custom Bee and Flower Pilot Panel</b></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 Custom Bee and Flower Pilot Panel is a fun place for children to drive off into the world of their imaginations. The Custom Bees and Flowers add to the overall nature feel of the playground.</p>

<p><b>JigJag Climber</b></p> 	<p>Vestibular+ Proprioception Tactile</p>	<p>Balance Coordination Motor Planning Core Body Strength Lower Body Strength Agility Flexibility</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The JigJag Climber challenges children to work on their balance and motor planning skills as the move laterally across and up the climber to the fire pole at the end of the climber.</p>
<p><b>Firepole</b></p> 	<p>Vestibular Proprioception</p>	<p>Balance Coordination Motor Planning Core Body Strength Upper &amp; Lower Body Strength Agility Flexibility</p>	<p>Problem Solving</p>	<p>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>

**Mushroom Steppers**



Visual  
Vestibular  
Proprioception  
Tactile

Balance  
Coordination  
Flexibility  
Motor Planning  
Core Body  
Strength  
Lower Body  
Strength

Problem  
Solving

Cooperation  
Social Skill  
Development  
Imaginative  
Play

These nature inspired Mushroom Steppers help build balance skills in children of all ages. The variety of heights challenges children to work on motor planning skills and balance skills while they climb from one deck level to another.

**Sway Fun® Glider**



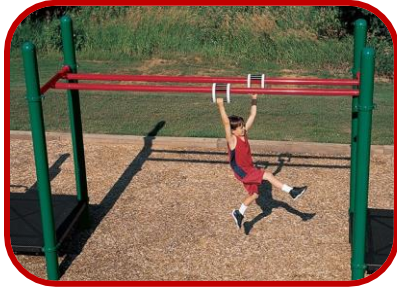

Vestibular +  
Proprioception  
Tactile



Balance, Agility  
Coordination  
Motor Planning  
Core Body  
Strength  
Lower & Upper  
Body Strength



Problem  
Solving



Cooperation  
Social Skill  
Development  
Imaginative  
Play

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 vestibular input. The placement of the table in this element is 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 all children to play together and go for a ride.



<p><b>Air Dancer</b></p> 	<p>Proprioception Tactile Vestibular+</p>	<p>Agility Coordination Flexibility Motor Planning Core Body Strength Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Air Dancer is a unique upper body experience. It requires children to use their upper body strength to “dance” their hands across the play element. Children will find this a fun and challenging play element which also builds their core muscles while they play.</p>
<p><b>Vertical Ladder</b></p> 	<p>Vestibular Proprioception Tactile</p>	<p>Balance Coordination Motor Planning Core Body Strength Upper Body Strength Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Vertical Ladder encourages children to work on their motor planning skills as they climb up and down from 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><b>"S" Ring Bridge</b></p> 	<p>Vestibular+ Proprioception Tactile</p>	<p>Agility Coordination Flexibility Motor Planning Core Body Strength Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The "S" Ring Bridge builds upper body and core trunk strength as children swing their way from one side to the other. The movement of each handhold helps children work on their motor planning and agility as they swing from ring to ring.</p>
<p><b>Match 3 Reach Panel with Accessible Curb</b></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 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 mounted with a Balcony Deck which ensures that the front wheels of a wheelchair cannot roll off the deck of the playground. The combination creates a roll up experience where children using a wheelchair can safely engage in play.</p>

<p><b>RingTangle® Climber</b></p> 	<p>Vestibular Proprioception Tactile</p>	<p>Balance Coordination Motor Planning Core Body Strength Flexibility</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>RingTangle Climber provides takes children with a unique climbing pattern to get to the next play deck. The motor planning and balance that this climber requires will provide children with a vast amount of knowledge of their own body and how to move in their world.</p>
<p><b>Periscope Reach Panel with Accessible Curb</b></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 Reach Panel provides children with a fun way to look at all the activities happening in the park. This panel includes an accessible curb panel to keep children who use wheeled mobility devices from rolling off the playground structure.</p>

<p><b>Conical Climber</b></p> 	<p>Vestibular + Proprioception Tactile</p>	<p>Balance Coordination Flexibility Motor Planning Core Body Strength Upper &amp; Lower Body Strength</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Conical Climber has 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 core body strength while it engages their vestibular system as the play.</p>
<p><b>Rollerslide</b></p> 	<p>Vestibular Proprioception Tactile Auditory</p>	<p>Balance Coordination Motor Planning</p>	<p>Problem Solving</p>	<p>Social Skill Development</p>	<p>The Roller Slide provides a tactile and auditory experience while children slide. It is wide enough for children to slide down together.</p> <p>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><b>Garden Theme Pipe Barrier with Wheel</b></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 Driver Panel provides children with a fun way to drive off into the world of their imaginations. This custom panel includes a garden theme to build on the nature theme of the playground design.</p>
<p><b>Cozy Climber</b></p> 	<p>Vestibular + Tactile Proprioception</p>	<p>Balance Coordination Motor Planning, Core Body Strength Upper &amp; Lower Body Strength</p>	<p>Problem Solving Strategic Thinking</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 much work on changing their body position as they move upward then across the climber to reach the deck level.</p>


<p><b>OptiGear Panel</b></p> 	<p>Visual Proprioception</p>	<p>Eye-Hand Coordination 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. It helps them understand how their movement of one gear can engage the gears in different ways.</p>
<p><b>Offset Crawl Tunnel</b></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 Offset Crawl Tunnel provides children with a fun place to climb from one deck level to another. This helps build their motor planning and coordination while providing them with a fun place to play hide and seek.</p>




<p><b>Step Ladder</b></p> 	<p>Visual Proprioception Tactile</p>	<p>Balance Coordination Motor Planning Core Body Strength</p>	<p>Problem Solving</p>	<p>Imaginative Play</p>	<p>The Step Ladder provides children with an element to work on their basic step climbing skills as they climb up and down from the structure.</p>
<p><b>Double Swoosh™ Slide</b></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.</p>

<p><b>Custom Cliff Climber with Lady Bug Steps</b></p> 	<p>Tactile Proprioception Visual</p>	<p>Balance Coordination Motor Planning Core Body Strength Upper and Lower Body Strength Flexibility</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>This inclined climber provides just the right amount of challenge for children so that they can build their overall strength and motor coordination skills needed to climb on other climbers on this structure. Continuing with the nature theme this Cliff Climber will have Lady Bugs that children will use to climb up the surface.</p>
<p><b>SunBeam Climber</b></p> 	<p>Vestibular + Proprioception Tactile</p>	<p>Balance Coordination Core Body Strength Upper Body Strength Motor Planning Lower Body Strength Flexibility</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The SunBeam Climber requires children to change their body position in space as they climb. This helps build their motor coordination and balance skills.</p>

<p><b>SpaceLink Climber</b></p> 	<p>Visual Vestibular+ Proprioception Tactile</p>	<p>Agility Balance Cardiovascular Coordination Endurance Flexibility Motor Planning Core Body Strength Upper &amp; Lower Body Strength</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>SpaceLink Climbers 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. For those who use wheelchairs and have upper body strength the design of the SpaceLinks allows them to pull themselves up into the netting, rest within the netting and hang out with their friends.</p>
<p><b>Lunar Burst Net</b></p> 	<p>Visual Vestibular+ Proprioception Tactile</p>	<p>Agility Balance Cardiovascular Coordination Endurance Flexibility Motor Planning Core Body Strength Upper &amp; Lower Body Strength</p>	<p>Problem Solving Strategic Thinking</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Lunar Burst challenges 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. For those who use wheelchairs and have upper body strength the design of the Lunar Blast allows them to pull themselves up into the netting, rest within the netting and hang out with their friends.</p>

## FREESTANDING ELEMENTS

Element	Sensory Systems Engaged	Motor Skills	Cognitive Skills	Social Skills	Narrative
<p><b>Smart Play Loft (2-5 Structure)</b></p>					<p>The Smart Play Loft includes 20 interactive activities addressing developmentally-appropriate skills: Shapes Panel, Image Panel, Steps, Mailbox Talk Tube, Flower Gear Panel, Alphabet Panel, Bubble Window, Counting Panel, Belt Climber, Flower/Leaf Spinners, Clock, Colors Mat, Seats, Find-it Sign, Lower Level Clubhouse, Crawl Tunnel, Vegetable/Leaf Sliders, Belt Seat, Slide, and Faces Panel. It will keep children ages 2-5 years old engaged for hours as they explore all these activities that will help them develop their body, mind and social skills during play.</p>
	<p>Vestibular Proprioception Tactile Auditory Visual</p>	<p>Balance Fine Motor Eye-Hand Coordination Agility Endurance Motor Planning Upper Body Strength Lower Body Strength Core Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	

<p><b>Belt Seat w/Chains</b></p> 	<p>Vestibular + Proprioception Tactile Visual</p>	<p>Balance Coordination Motor Planning Core Body Strength Lower Body Strength Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The vestibular system has opportunities for development through the swings found on the playground. The swing structure includes a variety of swing so that children can find their "just right" swing.</p> <p>The seating options include the Belt Seat which is designed for children who have good trunk control and are able to initiate their own swinging experiences.</p>
<p><b>Molded Bucket Seat</b></p> 	<p>Vestibular + Proprioception Tactile Visual</p>	<p>Balance Coordination Motor Planning Core Body Strength Lower Body Strength Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Molded Bucket Seat Swing with Harness. This last swing provides additional supports for children who might need additional trunk support while they swing. It also provides older children with a more intensive swinging experience.</p>
<p><b>Friendship Swing</b></p> 	<p>Vestibular + Proprioception Tactile Visual</p>	<p>Balance Coordination Motor Planning Core Body Strength Lower &amp; Upper Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>The Friendship Swing which allows several children and adults of assorted sizes to swing together. This swing allows for easy transfer from a wheelchair so that all children can swing together.</p> <p>The combination of this wide variety of types of swings allows for children of varying abilities to swing together encouraging inclusion of all in this favorite childhood play experience.</p>

**OmniSpin® Spinner**



Vestibular +  
Proprioception  
Tactile

Upper Body  
Strength  
Balance  
Core Body  
Strength  
Lower Body  
Strength

Problem  
Solving


Cooperation  
Social Skill  
Development  
Imaginative Play




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.

The OmniSpin Spinner also helps children work their muscles. 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><b>We-Saw™</b></p> 	<p>Vestibular + Proprioception</p>	<p>Balance Core Body Strength Lower Body Strength Upper Body Strength Motor Planning</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</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.</p> <p>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.</p>
<p><b>Cozy Dome®</b></p> 	<p>Vestibular Proprioception Tactile</p>	<p>Balance Coordination Core Body Strength Motor Planning Upper Body Strength Lower Body Strength</p>	<p>Problem Solving</p>	<p>Cooperation Social Skill Development Imaginative Play</p>	<p>For those children who want to get away from what is happening on the playground they can hang out at the Cozy Dome. The Cozy Dome is a special climber that can also be used as a get-away place for children who want a break from all the sights and sounds of the playground. If this is the case, children can choose to hide out in the Cozy Dome to get away from all the activity. This unique climber is the perfect mix of a fun climber with round openings for hand and foot placement as well as a cozy place for children to escape to observe others playing. These openings also provide good line of site for parents who want to keep track of their children.</p>

<p><b>Sensory Play Center®</b></p> 	<p>Vestibular 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 Sensory Play Center encourages children to explore the textures of the world. The panels within the Sensory Play Center help children focus on specific senses thru play. In this playground these panels focus on visual play.</p>
<p><b>Marble Panel</b></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 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><b>KaleidoSpin Panel</b></p> 	<p>Visual Tactile Proprioception</p>	<p>Fine Motor 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.</p> <p>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>

<p><b>Color Splash Panel</b></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 Color Splash Panel engages children in color identification while they play. They learn that they can control the location of different colors on the wheel as they spin the wheel using the knob handle. An assortment of games can be created to support color play.</p>
<p><b>Rhapsody Music Collection</b></p> <p><b>Animato Metallophone</b> <b>Vivo Metallophone</b> <b>Kundu Drum</b> <b>Kettle Drum</b> <b>Goblet Drum</b></p>				<p>The Rhapsody includes a combination of drums and chimes. The drums include the Kettle, Goblet and Kundu Drums. This provides children with a range of drum tones allowing children to explore an assortment of rhythms. The chimes include the Animato Metallophone, and Vivo Metallophone. These instruments provide a full range of notes that children can use to play any song of their creation. The arched design of each drum allows for easy roll-up access for those using wheelchairs. This combination of instruments encourages children to explore music together as part of any play experience.</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>		

## 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 Clinton 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