



 PercussionPlay®  
Outdoor Musical Instruments

Outdoor Musical Instruments  
for Children's Museums

# Music That Connects: Belonging & Resilience in Every Visit

Children's museums excel at creating environments where curiosity flourishes and families feel welcome. InterActivity 2026's theme - The Fabric of Belonging: Crafting Spaces for Connection and Resilience - invites us to look closely at how every element of our museums can help visitors feel included, supported, and ready to explore with confidence.

Outdoor musical instruments play a unique role in this work. Placed in courtyards, gardens, rooftops, and outdoor galleries, they become open invitations to interact, express, and connect. Music is universal, and these exhibits allow visitors of all ages and abilities to step in without instructions or expectations - simply press, tap, experiment, and enjoy. This kind of spontaneous, shared discovery strengthens the threads of belonging by giving families something joyful to do together the moment they arrive.



Resilience grows from these same moments. When children create a sound and hear it instantly, they learn that their actions make an impact. When adults echo back or join in, children feel supported and encouraged to try again.

Musical play fosters persistence, confidence, emotional regulation, and flexibility - skills that help children navigate challenges both inside and outside the museum. Even brief musical exchanges can calm a hesitant visitor, re-engage an overwhelmed child, or energize a multigenerational group that arrived with varied needs.

As you explore this catalog, imagine how outdoor musical exhibits can help your museum weave its own fabric of belonging: spaces that delight, connect, and strengthen every visitor - creating playful, resilient environments where belonging grows side by side with joy.

***“Music helps children develop concentration, memory, and listening skills. In a free-play environment where there are no wrong notes, the experience can lead to a lifelong love of music and music-making.”***

♪ Nancy Gastel ♪

Director of Santa Maria Valley Discovery Museum



Dragonfly



Pentatonic Tembos

# Rhythms on the Rooftop at Madison Children's Museum, WI

A leading children's museum in Madison, Wisconsin, has introduced several outdoor musical installations to spark creativity, expression, and a love of music among children in the community.

Each music zone invites children to explore sound through play. Instruments include: The [Duo](#) Xylophone, located in the museum's outdoor Wonderland area, offers a shared musical experience for children and families. Nearby, the [Rainbow Trio Ensemble](#) has been thoughtfully mounted on a colorful mural wall. Each instrument in the ensemble is painted in custom hues chosen to complement the mural, creating a vibrant, sensory-rich environment.

On the museum's rooftop garden, visitors can enjoy two more instruments. The [Cattail Chimes](#) provide a soothing, nature-inspired sound experience, while the [Large Babel Drum](#) - a steel tongue drum - produces soft, melodic tones perfect for calm, reflective play.



These musical zones are designed not only for fun but also to foster musical creativity and appreciation in a welcoming, communal setting.

Funded through generous community donations, these musical spaces promote intergenerational play and connection between children and adults.

Outdoor musical play has well-documented benefits, such as promoting relaxation, reducing anxiety, and supporting emotional well-being across all ages.

Many of Percussion Play's instruments are pentatonically tuned, meaning they always sound harmonious. This accessibility allows every child to feel successful, including those who may face challenges in traditional learning or social settings. Music becomes a powerful tool for connection, confidence, and inclusion.

***“Kids are great at exploring, improvising, and creating sounds. Outside of my music program, I often see them playing on their own and enjoying the tunes they create.”***

♪ **Tim Gruber** ♪

Volunteer Coordinator at Madison Children's Museum



**Rainbow Trio Ensemble (Bespoke)**



**Cattails A-Minor (set of 6)**

# Outdoor Soundscape at Santa Fe's Children's Museum, NM

A children's museum in Santa Fe has made the most of its outside space by creating a series of 'soundscapes' designed to encourage intergenerational play and learning. The museum has just over 10,000 sq ft inside, but outside, it has over an acre, so there was plenty of space to create something special.

The museum included instruments with different styles, colors, and shapes to encourage the children to go out to play and have fun. Inside the soundscape, visitors will discover the [Rainbow Cavatina](#), [Congas Trio](#), [Penta Post](#), [Harmony Flowers](#), [Harmony Bells](#) and a [Petal Drum](#). Also, in one corner of the soundscape are the [Stepping Stones](#), which children are surprised by as they run through the area. They are suddenly creating music with their steps!

Hannah Hausman, Executive Director of the Santa Fe Children's Museum, says, "Our outdoor space is truly special. It was important for the learning experience to be intergenerational and organic. Children, parents, and caregivers of all ages can walk through and meander around the area - we designed it so they could come in through either path and discover the instruments organically."



# NAMM's Museum of Music Making, CA

A museum in California that welcomes more than 80,000 visitors each year to celebrate the people and products that bring music into our world, is now inviting guests of all ages to experience its installed interactive Floor Piano. Founded in 1998, the museum includes exhibitions, immersive experiences, programs, and live music, encouraging everyone to find - or to recognize - their own place in the world of making music.

On a tight deadline, the museum sought to add another instrument to its interactive gallery. They were looking for a durable instrument that would allow children to be active and use their bodies to create music. Alisa Mize, Development Officer at The Museum of Music Making, quickly identified Percussion Play's [Baby Floor Piano](#) as an option.

Once installed, Alisa was surprised by who was engaging with the piano. She says she thought there would be mainly young children playing it, but she welcomed seeing people of all ages jump on the piano and make music. The Museum is a program division of the National Association of Music Merchants, a not-for-profit organization that serves and strengthens the global music products industry.

***“Children with active energy levels enjoy the piano’s physical aspect as they can get their wiggles out, have some fun, and be introduced to different sounds.”***

♪ Alisa Mize ♪

Development Officer at The Museum of Music Making



# Musical Play at Louisiana Children's Museum, LA

Known as the birthplace of Jazz, New Orleans is a city where music can be heard on every street corner. Along with gospel and marching bands, the city now boasts outdoor musical instruments in the Louisiana Children's Museum.

The museum worked with landscape architect Tim Phillips, the owner and principal of Gyroscope, an award-winning museum planning, architecture, and exhibit design studio. Tim wanted to bring music to the space for many reasons, including New Orleans' rich history of communities gathering around music. Reflecting the museum's landscape and with a nod to the city's musical heritage, the museum has installed Percussion Play's outdoor instruments that are [Inspired By Nature](#).

The perfect music-making spot is the Music Hummock, a glen with small trees among 11 round [Babel Drums](#). The stainless-steel tongue drums vary in height and size, creating a playful hide-and-seek space where children weave between drums and trees. With pentatonic tuning, many can play at once, producing a harmonious sound. The Hummock both draws visitors in with music and surprises them with beautiful, kid-sized instruments hidden in the landscape.



Small Babel Drum



Small & Large Babel Drums



Large Babel Drum

This type of collective music-making can build a sense of belonging. At Louisiana's Children's Museum, this is strengthened by the museum periodically inviting local drummers to join and create music. The Babel drums have brought the traditions of drum circles and the City's Congo Square to the museum.

In addition to the drums are the [Cattail Chimes](#) and [Liberty Bells](#), which are from the Inspired by Nature range. The Cattails, also known as reeds or bulrushes, are instantly recognizable as slender marsh plants with tall stems and dark brown velvety heads. Stainless-steel 'stems' support the six light bronze cylindrical anodized aluminum chimes, which produce tranquil and harmonic sounds when struck with small soft green mallets.

Reminiscent of small grassland mushrooms, the Liberty Bells are located next to the Cattails near the Cloud Grasses at the museum. Set just across from the Music Hummock, the aluminum musical bells are tuned to the pentatonic c-major scale and 'sing' when struck with the attached mallets. Set side by side, both the Cattails and Liberty Bells can be played while overlooking the lagoon.

***“Collaborative music-making always creates an energy and brings joy. Being able to discover it in the museum grounds just adds to the excitement.”***

♪Tim Phillips♪

Owner & Principal of Gyroscope Design Studio



Liberty Bells



Cattails A-Minor (Set of 6)

# Music & Butterflies at Children's Museum of the East End, NY

The Children's Museum of the East End, located in Bridgehampton, New York, received a musical ensemble as a result of winning a competition. Percussion Play, in partnership with the Association of Children's Museums, offered a free set of musical instruments to a children's museum in the US. The competition was held alongside the ACM's annual conference in New Orleans, and Leah Oppenheimer, the Director of Community Outreach at the museum, was selected as the winner in a random drawer. The result has provided children in the nearby area with the opportunity to learn and play music in the great outdoors.



The prize was the Rainbow Trio Ensemble, which consists of the [Rainbow Bongos](#), [Rainbow Metallophone](#), and [Rainbow Chimes](#). These instruments are tuned to the pentatonic scale to create a safe musical haven for exploring new sounds in the fresh air. The prize also included a [Penta Post](#), which is a cluster of five rainbow-colored chimes attached to a single post.

The instruments have been an instant hit with both museum guests and employees. Situated next to the butterfly garden, the museum team's offices look over the instruments, resulting in a melody of tunes drifting up to the office to be heard throughout the day.

For more than 20 years, Leah has been teaching music-making to both local and immigrant families. Her classes cater to infants, toddlers, and children, helping them discover the joy of music-making. Leah prefers using the instruments from Percussion Play because they enable players to create beautiful melodies that are always in tune.

***“It’s a joy to hear both children and parents jamming together. They are a hit with our guests, the museum team, and we believe that every children’s museum should add these to their offering.”***

♪ Leah Oppenheimer ♪

Director of Community Outreach



Rainbow Trio Ensemble



Rainbow Metallophone

# Musical Playground for Minnesota Children's Museum, MN

Minnesota Children's Museum offers its visitors a musical experience that is located in the 'Creativity Jam' musical playground. This playground features five Percussion Play instruments: [Tubular Bells](#), [Bell Lyre](#), [Large Babel Drum](#), [Harmony](#) and [Cajon](#). Visitors can now come and jam with family, friends, and other visitors. The museum was keen to incorporate more music into the museum, recognizing that through musical play children not only have fun, but also build upon and develop important life skills. All the museum's exhibits are developed around the seven powers of play - the 7c's - seven lifelong skills they believe children need to thrive, now and throughout their lives:

**Creative Thinking > Critical Thinking > (Self)-Control > Confidence > Collaboration > Communication and Coordination**

The goal for any exhibit or program is to nourish the development of one or more of the seven powers of play in any way. Knowing that music helps develop confidence, creative and critical thinking, and communication skills, it made total sense to create a space for visitors to compose and play their own music in the 'Creativity Jam' zone.



Harmony



Cajon



Large Babel Drum



Bell Lyre

# Making Music at Building For Kids Children's Museum, WI

The Building For Kids Children's Museum is a not-for-profit organization that offers specially designed exhibits, programs, and family events that engage parents, empower children, and energize communities. Their programs and interactive exhibits inspire, teach, and reinforce curiosity.

Inside their Da Vinci Art Studio is a dedicated space for music where they decided to replace their broken instruments with durable instruments that sound beautiful and were not too loud.

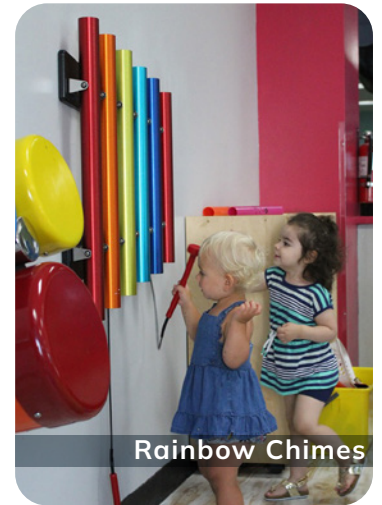
The [Rainbow Trio Ensemble](#) seemed to be the perfect match since it occupies less space than the full-size instruments, featured bright and eye-catching colors, and required less budget.

This ensemble features instruments tuned to the pentatonic scale, which means you can play around without hitting anything inordinately dissonant and there are no wrong notes perfect for encouraging improvisation and discovery.

***“No matter how hard the kids bang on the instruments, it always sounds pretty and not obnoxious! Parents and kids interact together with the instruments. Sometimes we'll have a whole family band back there!”***

♪ Bre Hauboldt ♪

Da Vinci Studio Coordinator at Building for Kids Children's Museum



Rainbow Chimes



Rainbow Metallophone

# Striking a Chord at Baraboo Children's Museum, WI

When residents of Baraboo in Wisconsin decided to set up their own children's museum, they agreed on a mission to 'provide playful experiences that inspire and educate every child.' Today, this interactive museum in the heart of a small town with 13,000 residents is doing just this, and now with inclusive musical instruments!

The BCM Music Lab, designed for interactive play, includes three instruments inside. Although the Baraboo Children's Museum doesn't have any outdoor space, they realized that Percussion Play's outdoor musical instruments would be a great fit both inside and outside. Inside the lab, you will find two sets of chimes on the wall and a set of bongos.

Although museum staff were worried that a Music Lab might be difficult in terms of the volume of the instruments, the soft tone of the instruments means music 'wafts' throughout the museum, creating a calming atmosphere. The Music Lab is a draw for everyone, creating playful experience for families and encouraging intergenerational play.

***"We love seeing family members who are musically minded stop by and create music with their little ones. It's the start of the child's musical education."***

♪Jed Crouse♪

Founder of Baraboo Children's Museum



# Music Garden at Play Sharity Children's Museum, NM

Play Sharity is the brainchild of five mothers who each had the same dream: to create a clean, interactive space for children to play, discover their talents, engage in learning, and promote family well-being. When Play Sharity Children's Museum and Resource Lending Library created a music garden, they fully expected the children to embrace the range of instruments. However, they hadn't prepared for how the garden could transform and promote intergenerational play opportunities within their community.

What was important for the museum when creating the music garden was that it was inclusive. Instruments have been installed so that wheelchair users could easily navigate the garden and have equal access to make music. Inside the music garden you will find the [Harmony Flowers](#), [Petal Drums](#), and the [Rainbow Trio Ensemble](#).

The garden has transformed the outdoor space and, importantly, is a transitional space at the museum – allowing children to top off their visit and make some music before heading home.

***“It is magical to see grandparents with young children connect over music. The music garden is the perfect place for children to top off their visits!”***

♪ **Monica Topham** ♪

Executive Director at Play Sharity Children's Museum



Forget-Me-Not Petal Drum



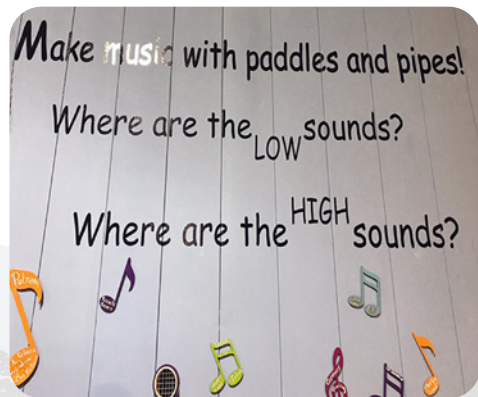
Daisy Petal Drum

# Music Room at Cape Cod Children's Museum, MA

A non-profit organization, the Cape Cod Children's Museum - the brainchild of three Falmouth women more than 20 years ago - is a place where families can learn and play together. Located in Mashpee, Massachusetts this 8,000 square-foot museum provides a learning environment that stimulates curiosity, creativity and imagination - inspiring children and their families to engage with each other, their community, and the world at large.

The Music Room at the Cape Cod Children's Museum has a variety of instruments for visitors to enjoy including a special rainbow-colored [Sonora](#) xylophone located on the wall and a set of our very popular [Rainbow Sambas](#) drums. There are also musical opportunities galore for children to explore, create and collaborate in spontaneous jam sessions or individual performances.

When asked why they thought it was so important to improve and expand the musical opportunities in the museum we were told: "Music ignites all areas of child development: intellectual, social and emotional, motor, language, and overall literacy. It helps the body and the mind work together."



Rainbow Sambas



Rainbow Sonora

# Sensory and Inclusive Play

The very best children's museums offer inclusive experiences for a range of ages and abilities, and excel in offering their guests easy access to their exhibits. Focusing on different physical and sensory needs for autistic people, people with learning disabilities or sensory impairments, as well as those with varying mobility requirements, helps make these museums stand out in terms of inclusivity.

Outdoor musical instruments are a great way for families and guests to take a calm moment away from the excitement of the main attractions, decompress and experience a different kind of activity together that will make a great day out even better.

As stand-alone features, installed in calm, sensory-friendly areas, they offer a tranquil opportunity for parents, grandparents, or guardians to interact with their children. They provide a creative way for attractions to appeal to a wider range of guests with differing abilities and sensory needs.



Tropical Cyclone



Tubular Bells



Papilio

# Expand the Learning and Open those Outside Spaces!

In recent years, many of us have realized the importance of spending time in the great outdoors. As a result, outdoor spaces, regardless of their size, have become crucial areas for investment, promoting wellness, art, and strong family connections.

Several museums and attractions are now reconsidering their programs and shifting their focus toward outdoor spaces. They aim to provide open-air activities, exhibitions, and events to visitors who enjoy spending time outside with their families. This trend is gaining popularity as more people seek engaging experiences in the open air.

Creating outdoor music zones with interactive, holistic musical instruments that engage multiple senses can quickly transform any outdoor space into a lively area for spontaneous music-making.



Representing music-making from many cultures around the world, an outdoor music zone will invite children and their families to explore global music, rhythms, and movement while enjoying bursts of musical creativity.

One of the many benefits of outdoor musical instruments is they can be installed almost anywhere; on grass, on concrete, on decking, walls, or – in the case of the Floor Piano and Stepping Stones - even underground!

All instruments are intended to be played while standing on the ground, meaning they require no expensive impact-absorbing safer surfacing and very little routine maintenance.

The instruments will make robust interactive exhibits designed to withstand the elements and live outside all year to provide a fun, engaging family learning experience.

***“Even if the children are all playing at once, it all sounds so nice - a beautiful sound comes out of the room. We have parents joining in too; it’s great for all ages and abilities”***

♪Tina Keegan♪

Exhibits Director at Palo Alto Junior Museum & Zoo



Stepping Stones



Harmony Flowers



Daisy Petal Drum

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