

# CASE STUDY BEYOND THERAPY

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**BEYOND THERAPY**

PHYSICAL, OCCUPATIONAL & SPEECH THERAPY

for kids

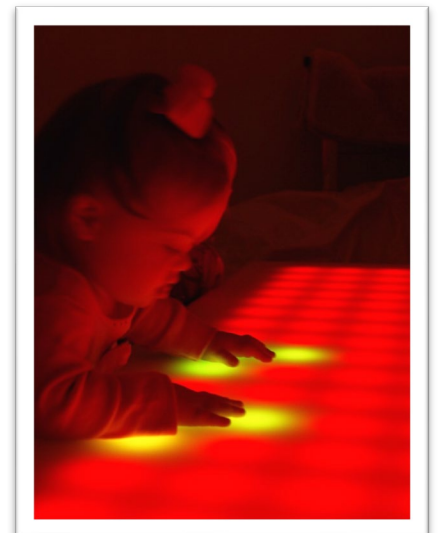
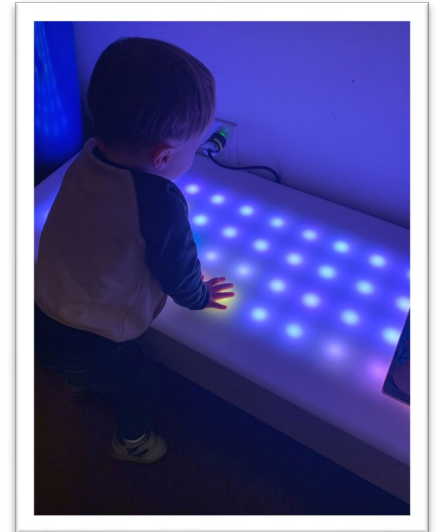
In the fall of 2012, Beyond Therapy incorporated a Sparkle Interactive Light Bench into their routine to assist speech, occupational and physical therapists in providing therapeutic and educational services to children with special needs. **10 years later, Beyond Therapy continues to use this great piece of equipment daily in their sensory room.**

## Key Findings:

- Patient response was highly favorable. The attraction of the technology piqued the patient's curiosity, captured their attention, and served as a major motivational tool
- The technology helped children 'visualize' the therapist's instruction and desired outcomes, while the real-time feedback increased their desire and ability to learn
- The equipment enhanced the in-session play experience, making it fun and enjoyable for the child and more productive for the therapist. Patients recalled their experiences with the equipment and were eager to return for their next session
- The Sparkle Interactive Light Bench helped stimulate voluntary movement and was found to be ideal for developing handwriting skills, finger isolation, increasing finger strength, and teaching patients to walk heel-to-toe

## Sample Applications:

- A 7-year-old cancer patient rehabilitating from surgery to remove a tumor from her femur achieved 'staddle abduction' by standing on the Sparkle Bench and swiping the lights with her foot
- A 5-year-old with autism and decreased finger isolation/imitation ability was inspired to imitate vertical and horizontal lines with finger isolation on the Sparkle Bench
- A 4-year-old spina bifida patient with decreased mobility of his legs was motivated to perform his leg exercises while sitting on the Sparkle Bench and moving his legs to change the color of the lights
- Patients with hyper-tonicity were motivated to open their hands and stretch their tight muscles to see the lights change color



## SPECIALIZING IN SPECIAL NEEDS

“I have a 6-year-old who has a diagnosis of Autism level 3, ADHD, ODD, and sensory processing. We first experienced your light up table at a Ronald McDonald House in Florida and he absolutely loved it! **It was one of the only things that helped bring him down from a meltdown and helped him focus and communicate.** We now get to see them at the Vanderbilt Hospital in Nashville.

- Sarah T. (mother of two)

Hello! I have 3 year old twins with autism and I recently took them to McDonalds. They are scared of the play equipment there, but LOVED your interactive table. It is so hard to find places they enjoy to go to, but now they definitely have a new place to enjoy. My husband and I are wondering how much you sell them for? We live in rainy Seattle area and it is hard to find things for them to do in the winter months. We are thinking a table like this would be perfect for them!



“I am a special educational paraprofessional who has the pleasure of teaching an amazing group of kids. On a community outing we discovered these light up tables where **many of the children took a MASSIVE liking to them.** They were wanting teachers and other students to play and interact with them, which is a skill we don't see too often. Two of our children with the most needs continued to sit at this amazing table for more than 15 minutes. That is an amazing accomplishment! I was in awe!”

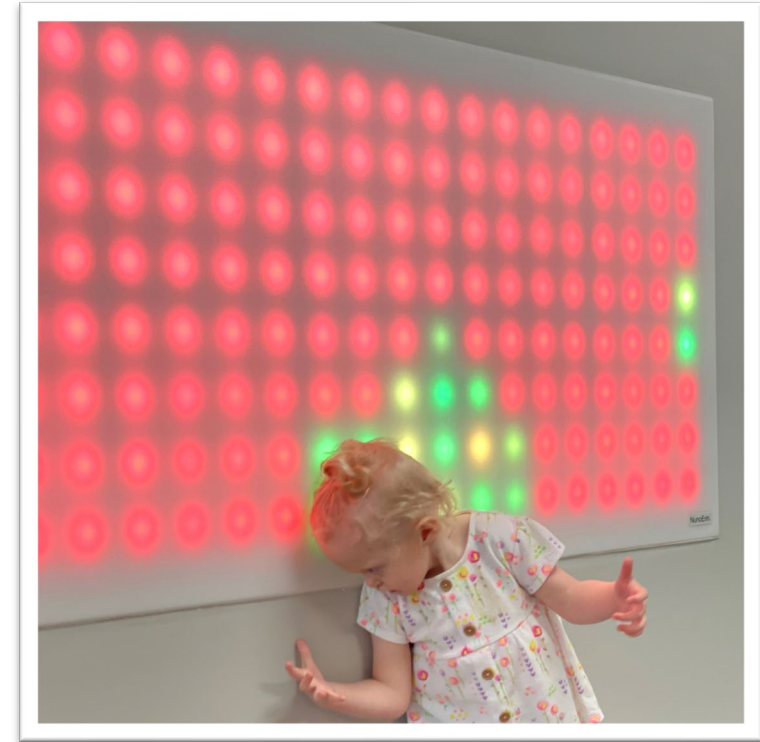
- Ashely M. (from Illinois)

## SPECIALIZING IN SPECIAL NEEDS

“The Sparkle Panel is to our multi-sensory room as a cornerstone is to an architectural marvel! We feature one in both of our Sensory Rooms.

**They are an integral part of the sensory experience for our participants.”**

- Molly Downing, CTRS, SEASPAR Special Parks & Recreation, Illinois



“The interactive light board (which came to our facility through a generous donation from Southern Star Central Pipeline) works as a soothing and therapeutic object for patients while offering an incentive to continue with therapy. The ‘Sparkle Station’ can be used to help with standing, weight-shifting, reaching and side-stepping.”

- Charity Pinkston, Physical Therapy Director, Wendell Foster, Kentucky