

How Multilevel Sensory Experience Enhances the Learning Process

written by [Chris Parsons](#) April 2, 2021



If you're a parent or an educator, you've likely experienced challenges when it comes to teaching children. There are many factors at the root of these challenges — whether it's that some children can't sit still, some may not be able to focus, they can't clearly comprehend the materials, or they lack educational stimulation, among many others. But there is a learning method that has been proven to help tackle these challenges: multilevel sensory experiences.

Blending multilevel sensory experiences with education can actually improve learning for most kids.

Multilevel Sensory Learning Experiences

There are four different sensory levels that can be stimulated in order to improve education. These include sight, sound, touch, and body movement. Each of these senses stimulates different areas of reasoning in the brain, which provide more concentration and a heightened ability for information to be absorbed.

Multiple research studies — including those done by the National Institute of Child Health and Human Development, National Center for Biotechnology Institute, and the Center for Literacy & Disability Studies at University of North Carolina — show results where multilevel sensory experiences improved educational performance among all students.

Specifically, these studies showed large improvements in students who have learning difficulties in subjects such as reading, math, writing, and speech.

Finding materials that have multiple options for sensory stimulation are critical elements to multilevel stimulation. For example, my book *A Little Spark* allows students to develop literacy skills while also teaching life lessons such as believing in yourself, how to care for friends, understanding situations, and treating people fairly. The addition of the musical soundtrack and audiobook adds to the overall experience for kids while reinforcing the learning process.

How It Works



Photo: A Little Spark

At a young age, stimulation of the whole brain and multilevel sensory experiences allow children to make associations between letters, words, and sounds faster. This is why it's critical for [your child to read aloud](#) when in the beginning stages of education. Multilevel sensory experiences do not stop and start with reading, though.

Dr. Howard Gardner states* that there are eight intelligences that multilevel sensory experiences can help children learn in an educational setting. These include the ability to organize thoughts and feelings, and the ability to understand pitch and rhythm. By tapping into these intelligences, it exposes students to deeper learning practices, which can then relate to more effective studying and longer information retention.

This is beneficial when taking into account long summers between the school years where students can forget information and fall behind as they move up in the education system. And, during the COVID-19 pandemic, it's become even more of a challenge for students across the globe.

Multilevel sensory experiences also improve educational confidence in students. Most students are aware that they are not comprehending information but may not know why. It's important to inform students that people learn differently and there's nothing wrong with them if they are struggling.

With these multilevel sensory lessons, since there are different elements of stimulation and learning, students don't feel like they are falling behind or embarrassed to ask for help because they learn differently. Overall, this educational method is extremely inclusive, which builds confidence in the student and learning environment.

If your student or child is struggling, incorporating multilevel sensory experiences with their education practice may be a viable option to improve their comprehension of materials. If this option is not available in the classroom, parents can develop their own multilevel activities or study techniques to incorporate into homework time after school. It may be as simple as including an audio element or related video. Give your students their best chance and utilize this proven educational tool to bring them to their full potential.

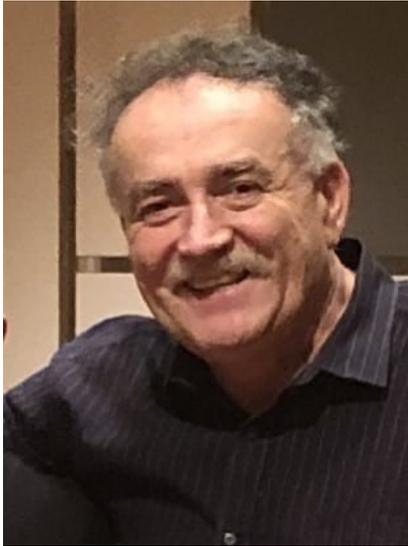
Sensory Learning Experiences — Sources

*Gardner, H., and Hatch, T. *Educational Implications of the Theory of Multiple Intelligences*. Educational Reader, 8(8), November 1989, pp. 4-10.

[UNC Chapel Hill](#)

[National Institutes of Health](#)

About the Author



Chris Parsons grew up in the small fishing village of Flatrock, Newfoundland where he was surrounded by storytellers. When he became a father, he began creating his own children's stories, and soon he was sharing them with a wider audience. Over time, his audience grew up, but he continued to create his stories and colorful characters mostly for his own enjoyment. In 2018, Chris Parsons left his technology innovation career behind and founded Zuroam Media, a small media startup who specializes in telling stories new ways through text, music, audio and video for young audiences.

Today, Chris lives in Dallas where, together with his wife, Kathleen, daughter, Maggie and son, Kealan, they share a love for all of God's creatures. ***A Little Spark*** is his first book. For more information, please visit bethatspark.com. You can follow Chris and the **Be That Spark** initiative on social media @bethatspark.