



Learning Objectives

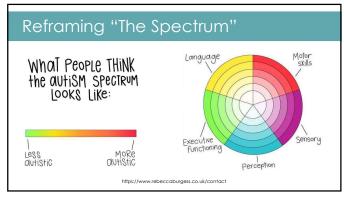
- Explain the current concept of a multi-dimensional spectrum for typical children and those with a variety of childhood medical conditions that impact learning.
- 2. Incorporate design strategies that help these visitors be able to **GET** to the playground.
- 3. Incorporate design strategies that help these visitors be able to **PLAY** at the playground.
- Incorporate design strategies that help these visitors be able to STAY at the playground. (hollandbloorview.ca/playgroundsplaybook)
- 3

Question

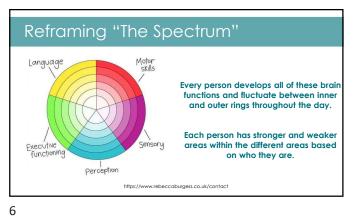
If you think of children today What are their most common medical diagnoses?



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Defining Language

Language

the principal method of human communication, consisting of words used in a structured and conventional way and conveyed by speech, writing, or gesture.



Defining Motor Skills

Motor Skills

or motor skill development refers to the acquisition and refinement of basic movement patterns to allow an individual to move around and manipulate his or her environment.

This happens naturally as part of developmental activities especially through...

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Defining Sensory

Sensory systems make up the parts of our nervous system that bring in and process sensory information from the world around us.



While you're probably familiar with the five senses of sight, touch, hearing, taste, and smell, did you know that we actually have a total of **seven sensory systems**?

These additional senses include **vestibular**, and **proprioception**. How these seven senses are processed by the brain can impact our behavior.

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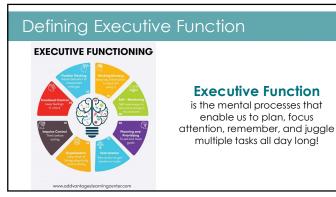
Defining Perception

Perception

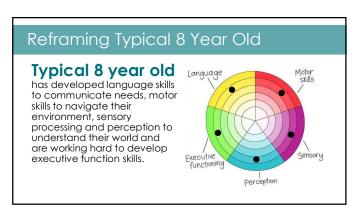
is a process (conscious and unconscious) in which sensory information is selected, received, organized and interpreted from the outside environment to make it meaningful. It is how our brain takes sensory information and combines it with existing information in our brain to help us understand the world and respond to it.



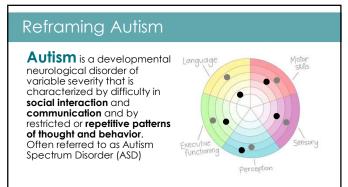


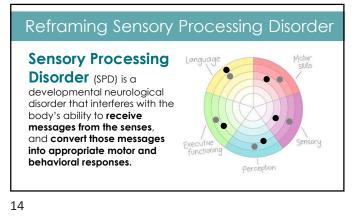


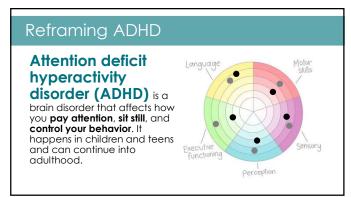
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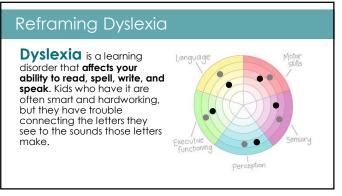
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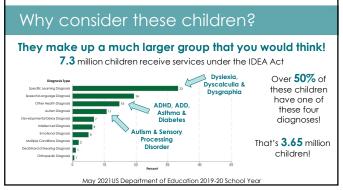






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Using play elements by myself to help me get back to play

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Case Study

The Project:

Overhaul the courtyard and all pathways to be ADA compliant
Cover all courtyard pathways to provide weather protection for children going from class to class
Completely overhaul play areas to provide better play activities for all children.
Create multiple play areas so several classes can be out playing at once without being overcrowded.
Maximum budget for play environments \$200,000



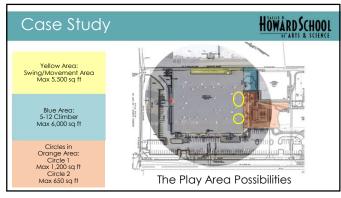
HOWARD SCHOOL



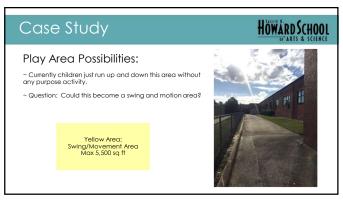
Ability Demographics:

Charter School campus with 1,200 students in grades K-12
60% African American, 35% Hispanic, 5% Other
Many children with ADHD, Sensory Processing Disorders, some with Autism, very few using wheelchairs but want all elements to be as accessible as possible.

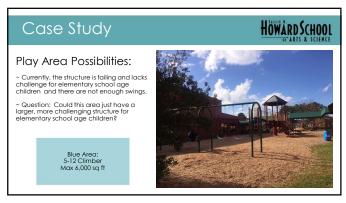
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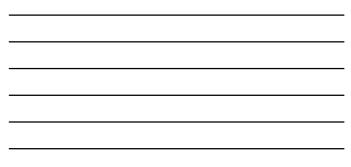


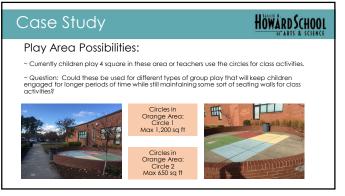




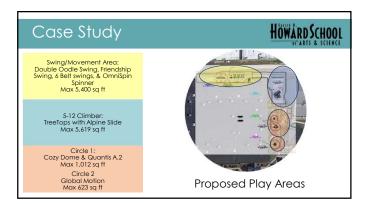
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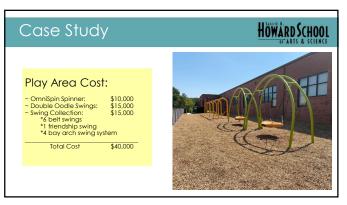


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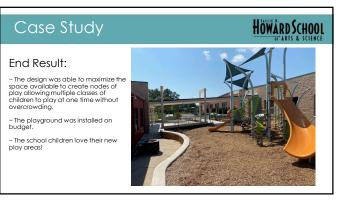


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