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Management of Sensory Processing Challenges in the Classroom: An Educational Video Series for Teachers.

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BACKGROUND

- The prevalence of children with sensory processing (SP) challenges is 1 in 6 in the US general population (Smith et al., 2023).
- Children with SP challenges show poor academic performance due to proposed variables in the classroom environment (Butera et al., 2020; Leinfuss et al., 2021; Mallory & Keehn, 202; Shoen et al., 2018).
- There are limited resources available to teachers on the management of children with SP challenges in the classroom (Bryant, 2018; Miller-Kuhaneck & Watling, 2018).
- Teachers lack knowledge on inclusive practices for children with SP challenges and how to manage children's sensory processing challenges in the classroom (Bryant, 2018; Leifler, 2020).

PROBLEM

Teachers lack knowledge on the impact of sensory processing challenges on students' occupational performance and management strategies in the classroom.

PURPOSE

To create an educational video series for teachers on sensory processing and management strategies.

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METHODS

Theoretical Framework

The Model of Human Occupation (MOHO) was used in the development of this series:

1. Literature Review & Synthesis

- Reviewed literature about teachers' preferred learning methods, MOHO, and sensory supports/ strategies for children with SP challenges
- Created development plan & defended project proposal

2. Educational video series development

- Reviewed outlines based on pre-survey feedback, initiated writing scripts
- Submitted scripts for feedback

3. Educational video series feedback

- Revised scripts per feedback received
- Completed revisions and recorded videos

4. Educational video series finalization & dissemination

- Posted as "unlisted" on YouTube and incorporate post-survey feedback
- Publish on YouTube
- Poster presentation

This project did not involve human subjects of research and did not require IRB approval.

Playlist

References

EDUCATIONAL VIDEO SERIES CONTENT

Video Playlist: https://youtube.com/playlist?list=PLb2rgVGDYmxL66t7xs1_oCG289ku_JO2v&si=5lCSnXozCyGuvv_Z

I. Occupational therapy and Supporting Teachers in the Classroom

- Introduction to videos
- Learning objectives
- MOHO: volition (values/interests/concerns), social environment

II. What is Sensory Processing? Why Should Teachers Care?

- Understanding SP
- Impact on occupational performance (OP)
- MOHO: Performance capacity, habituation

III. Teachers in the Classroom + Common Q.'s Asked

- Addressing teachers' concerns
- MOHO: Volition (personal causation), performance capacity

IV. The Seven Sensory Categories + What to Expect.

- Introduction to the Functional Learning Assessment Guide (FLAG) outline
- Video order

V. The Move Sensory Category: Addressing sensory-motor challenges in students

- Common behaviors
- Impact on OP
- Strategies/supports

VI. The Pressure Sensory Category: Addressing the need for pressure

- Common behaviors
- Impact on OP
- Strategies/supports

VII. The Skin Sensory Category: Addressing olfactory challenges in students

- Common behaviors
- Impact on OP
- Strategies/supports

VII. The Nose Sensory Category: Addressing olfactory challenges in students

- Common behaviors
- Impact on OP
- Strategies/supports

IX. The Eye Sensory Category: Addressing visual challenges in students

- Common behaviors
- Impact on OP
- Strategies/supports

X. The Ear Sensory Category: Addressing auditory challenges in students

- Common behaviors
- Impact on OP
- Strategies/supports

XI. The Mouth Sensory Category: Addressing oral-sensory challenges in students

- Common behaviors
- Impact on OP
- Strategies/supports