Using Simulated Instruction and Video Modeling to Teach Selecting a Bus Stop

What is the evidence base?

This is a promising practice for **students with moderate intellectual disabilities** based on one methodologically sound single-subject study across three participants with disabilities.

Where is the best place to find out how to do this practice?

The best place to find out how to implement simulated instruction (SI) and video modeling (VM) to teach selecting a bus stop is through the following research to practice lesson plan starter:

- [Using Simulated Instruction and Video Modeling to Teach Selecting a Bus Stop – Lesson Plan (Mechling & O'Brien, 2010).](#)

With who was it implemented?

- Students with
  - Moderate intellectual disability (1 study, n=3)
- Ages ranged from 19-20
- Females (n=2), male (n=1)
- Ethnicity
  - None specify (n=3)

What is the practice?

Simulated instruction (SI) is one strategy to balance the challenges of providing community-based instruction with the need for teaching skills that will generalize to the natural environments in which they will be used. Slide presentations were frequently used as a form of technology for providing realistic simulations.

Video modeling (VM) is a form of video response prompting. Response prompting has been defined as stimuli that later function as extra cues and reminders for desired behavior (Cooper, Heron, & Heward, 2007).

In the studies used to establish the evidence base for using SI and VM to teach selecting a bus stop, the videos were shown via:

- PowerPoint using a laptop computer (Mechling, & O'Brien, 2010)

Where has it been implemented?

- Classroom (1 study)
- Community (1 study)

How does this practice relate to Common Core Standards?

- Comprehension and Collaboration (Speaking and Listening, Grade 8)
  - o Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.

http://www.corestandards.org/Math/Content/4/MD/

How does this practice relate to the Common Career Technical Core?

- Transportation, Distribution & Logistics Career Cluster

  - o Describe the application and use of new and emerging advanced techniques to provide solutions for transportation, distribution and logistics problems.
  - o Describe the key operational activities required of successful transportation, distribution and logistics facilities.
  - o Describe career opportunities and means to achieve those opportunities in each of the Transportation, Distribution & Logistics Career Pathways.

https://careertech.org/sites/default/files/CCTC_Standards_Formatted_2014.pdf

References used to establish this evidence base:

Mechling, L., & O'Brien, E. (2010). Computer-based video instruction to teach students with intellectual disabilities to use public bus transportation. *Education and Training in Autism and Developmental Disabilities, 45*. 230-241.

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