

Teaching Grocery Shopping Using Computer Based Instruction

Objective: To teach students to read grocery aisle signs and locate items on a grocery store aisle.

Setting and Materials

Setting: Instruction is conducted in classroom or office two to three days per week. Skill generalization is measured in the community at four local grocery stores.

Materials: Materials include a video Hi8 cam recorder, tripod, an 8mm-120 minute videotape, a 35mm auto focus camera, 35mm Kodak film, scanner, Apple Video Player, Hyperstudio 3.1 software program, Macintosh G3 Powerbook computer, a TouchWindow (Edmark Corporation), a clipboard, and individual photographs of each target word.

Content Taught

1. The student is taught how to identify 12 grocery items from a list and find them on a grocery store aisle using "life like" scenarios via computer based video instruction.
2. Task analysis for computer based instruction includes the following steps:
 - a) Locate the first item on the grocery list
 - b) Touch the word on the corresponding aisle sign for positive examples (aisle signs containing 1 or more of the 12 target words)
 - c) Touch the item on the shelf
 - d) Cross off the item on the list
 - e) Locate the next item on the list and repeat the steps, or
 - f) Touch the shopping cart on the lower right corner of the screen to proceed to the next aisle for negative aisle sign examples (aisle signs containing none of the 12 target words)
3. Task analysis for training in the grocery store includes the following steps:
 - a) locate the first item on the grocery list
 - b) locate the word on the corresponding aisle sign for positive examples
 - c) walk down the aisle