

GPAST Study #1

Funding: Administration for Children and Families (ACF)

Purpose: To assess the effects of regular TeachTown usage on skill acquisition of children with ASD

Design:

- Selected participating students
- Administer Brigance, Peabody Picture Vocabulary (PPVT-4), Expressive Vocabulary Test (EVT-2), January 2010
- Begin TeachTown intervention and data collection
- Administer 2nd Brigance, Peabody picture Vocabulary Test (PPVT-4), Expressive Vocabulary Test (EVT-2), May-June 2010
- Wait a period of five months
- Administer 3rd and final Brigance, Peabody Picture Vocabulary Test (PPVT-4), Expressive Vocabulary Test (EVT-2), October-November 2010

Participants:

- 15 students with autism spectrum disorder
- Students with a developmental age between two and seven
- Students enrolled in preschools or elementary schools in North Dakota communities

Results: (example of results found after the 2nd testing)

- **Brigance:** A nonverbal student increases his instructional age by one year and one month
- **Peabody Picture Vocabulary Test (PPVT-4):** A student's raw score went from a forty-two to sixty
- **Expressive Vocabulary Test (EVT-2):** A student's raw score went from sixty-eight to eighty-six.



The following is a link to a quick overview of our *TeachTown: Basics*® program for children with special needs.

<http://www.teachtown.com/Walkthrough>

TeachTown: Basics® is a research-based solution for students with Autism Spectrum Disorders and language challenges. The curriculum is appropriate for students at the preschool, kindergarten, or first grade levels (ages 2-7 developmentally). The program includes on computer curriculum and off computer activity-based lessons. TeachTown: Basics® automatically tracks student data and creates reports that summarize program usage and progress at the student, classroom, and organizational level. Built-in-synchronization tools on our secure server allow communication between educators, parents, and clinicians. Students can access TeachTown: Basics® from multiple computers in the classroom, home and clinic. The program engages students in a fun and innovative way while facilitating independence so students can reach their full potential.

