

Data Collection For Wii

(Created by S. Montgomery, SD 36)

NAME: Pam

GOAL AREA: Fine Motor

Data taken by: Ms. M (Teacher) and Mrs. M (Special Education Assistant)

Materials: Wii, Wii Sports (baseball), The Biggs, stop watch to record duration, smart board or large screen (for better visual), projector, communication book

OBJECTIVE #1: Pam will independently hold the Wii remote in her right hand for 25 seconds on 3 consecutive days.

OBJECTIVE #2: Pam will increase the duration that she holds the remote so that she can play one complete game with her peers.

BASELINE DATA: Pam has a disability associated developmental delays such as poor gross and fine motor skills, left side deficit (no awareness on the left side of her body), etc. Baseline data taken over three days demonstrated that Pam was not able to hold the controller with her right hand. She needed a support staff to use a strategy called hand-over-hand to help her hold onto the Wii controller. The average time over three days that Pam held the controller with assistance was 13 seconds.

PRESENT LEVEL OF FUNCTIONING: Regardless of Pam's well being (seizure activity, fatigue, illness), Pam is able to hold on to the Wii controller for more than 25 seconds. Pam remains unable to press the buttons at the correct time to pitch the ball while playing the Biggs. We changed the game to Wii sports baseball that does not require her to press any buttons, and using her right hand, Pam can independently take turns and play two complete games with her peers.

Objective #1- Pam is meeting expectations. Pam independently holds the Wii remote for more than the expected time (25 seconds).

Objective #2 - Pam is meeting expectations. Pam takes turns and independently completes two games of baseball with her peers.

DATE	<u>OBJECTIVE #1:</u> Pam will independently hold the controller.	Meeting	Not yet meeting	<u>OBJECTIVE #2:</u> Duration of time Pam holds the controller.
Jan. 7, 2011	Only with hand over hand Game: The Biggs		X	<u>Baseline data:</u> 10 seconds

Jan. 13, 2011	Only with hand over hand Game: The Biggs		X	10 seconds
Jan. 25, 2011	Can't hold down button, Dropped controller. Game: The Biggs		X	20 seconds <u>DURATION OVER THREE DAYS = 13 SECONDS</u>
Feb. 10, 2011	Hand over hand Pitching ball Game: The Biggs	X		25 seconds
Feb.14, 2011	** GAME CHANGE: Pam is unable to hold down the buttons on the controller to play The Biggs. With Wii sports baseball, she does not have to press any buttons. No hand over hand needed.	X		30 seconds
Feb. 21, 2011	Baseball, held the controller independently	X		25 seconds
Feb. 28, 2011	Baseball, bat & pitch.	X		45 seconds
Mar. 7, 2011	Baseball batting.	X		32 seconds
Mar. 14, 2011	Pitching & batting, Pam appeared able to understand cause and effect today when her arm moved, the bat swung.	X		60 seconds
March 21- April 1	Spring break - NO SCHOOL			
Apr. 4, 2011	Played the whole game	X		Complete game

Apr. 11, 2011	Pitched & batted today. Increased eye hand coordination	X		Complete game
Apr. 22 - 25	Easter Break- NO SCHOOL			
Apr. 26, 2011	Played one game of baseball, taking turns pitching and batting	X		Completed 1 full game
May 2, 2011	Took turns with her peers Pam had great eye hand coordination today and looked at the screen approx.75% of the time. It appears she is really starting to understand cause and effect.	X		Took turns to complete two games of baseball with her peers.