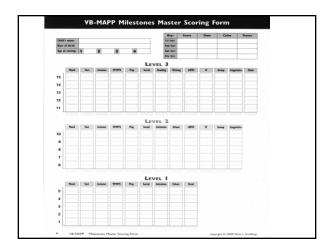
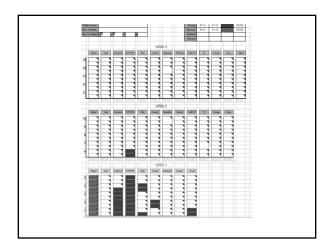
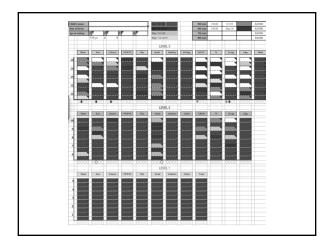
Introduction In		
Jill Bennett Kira Dadowski Heather Bonnar Introduction Jill Bennett, Classroom teacher Kira Dadowski, Classroom teacher Heather Bonnar, Speech Pathologist Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Jill Bennett Kira Dadowski Heather Bonnar Introduction Jill Bennett, Classroom teacher Kira Dadowski, Classroom teacher Heather Bonnar, Speech Pathologist Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Kira Dadowski Heather Bonnar Introduction Iill Bennett, Classroom teacher Kira Dadowski, Classroom teacher Heather Bonnar, Speech Pathologist Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,	IT Takes a Village	
Introduction Ill Bennett, Classroom teacher Kira Dadowski, Classroom teacher Heather Bonnar, Speech Pathologist Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Kira Dadowski, Classroom teacher Heather Bonnar, Speech Pathologist Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Heather Bonnar, Speech Pathologist Fox Chapel Area School District Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,	Jill Bennett, Classroom teacher	
Fox Chapel Area School District • Located in a northeastern suburb of Pittsburgh • Nationally recognized, award winning school district • Population represents a wide range of social,	Kira Dadowski, Classroom teacher	
Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,	Heather Bonnar, Speech Pathologist	
Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Located in a northeastern suburb of Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
Pittsburgh Nationally recognized, award winning school district Population represents a wide range of social,		
 district Population represents a wide range of social, 		
ECONOMIC. CUITUIAI. AND TENENOUS DACKETOUNUS.	 Population represents a wide range of social, economic, cultural, and religious backgrounds. 	
2014 statistics had an enrollment in the district of 4,240 students. - 2014 statistics had an enrollment in the district of 4,240 students.	2014 statistics had an enrollment in the	

Our classrooms

- 2 Intensive teaching Classrooms at Fairview Elementary School
- 1st classroom with 5 students, all just completed 3rd grade. One teacher and two aids.
- 2nd classroom with 5 students, three just completed 2nd grade, and two just completed kindergarten. One teacher and 4 aids.







Implementation Prior to Integrated Approach

- Goals, targets, and data collection solely completed by the SLP.
- Mastery was steady, but slow
- Mastering 2-5 targets per week
- Selecting goals from VB-MaPP, but only surface knowledge of how to assess and implement.





PaTTAN Autism Initiative training

- Started training in 2013
- Learning about each level of the VB-MaPP and the skills set within each operant.
- Created our own assessment kit

VB-MaPP Assessment Kit

- Created ourselves
- Used along with the PaTTAN's VB-MaPP supplement

VB-MaPP Kit



VB-MaPP Kit



VB-MaPP Kit



Research - Staff Training

- A key variable affecting the performance of direct support staff is the quality of supervision/training provided to these individuals. (Green, Rollyson and Passante, 2002)
- Most effective and efficient training packages include, in some form, the provision of instructions, feedback, modeling and practice. (Sarakoff and Strumey, 2004; Iwata et al., 2000; Koegel et al., 1977; Lavie & Sturmey, 2002; Reid & Parsons, 1995)

Immediate Feedback

- Provision of feedback should occur as close to actual staff behavior as possible. Immediate feedback in the classroom has been shown to have a greater impact on staff behavior and be more effective than feedback occurring at a later time in a different setting. (Goodman, Brady, Duffy, Scott and Pollard, 2008; Gallant, Thyer and Bailey,1991; Scheeler, Congdon, Stansbery, 2010)
- Ideally, feedback should occur within 3 seconds of the behavior. (Scheeler, McKinnon and Stout, 2012)

ABA for Children with Autism

 Significant body of research supports the effectiveness of ABA intervention for children with Autism (examples include; NAC Standards Report, 2009; Birnbrauer & Leach, 1993, Lovaas, 1987; McEachin, Smith, & Lovaas, 1993; Perry, Cohen, & DeCarlo, 1995).

Teacher Training

 Teacher training on the correct use of function-based behavior modification procedures using modeling, feedback, & manuals increased the correct use in procedures, and also produced a like gain in student responding, and reduction in problem behavior. (Koegel, Russo, & Rincover, 1977; Lalli, Browder, Mace, Brown, 1993).

Eclectic vs. ABA



Available online at www.sciencedirect.com

Research in Developmenta

Research in Developmental Disabilities 26 (2005) 359-383

A comparison of intensive behavior analytic and eclectic treatments for young children with autism

Jane S. Howard a,b,* , Coleen R. Sparkman b , Howard G. Cohen c , Gina Green d , Harold Stanislaw a

*California State University, Stanislaus, Psychology Department, 801 W. Monte Vista Avenue, Turleck, CA 95382, USA.
*The Renduld School, Modester, CA 95354, USA
*Willey Mountain Regional Center, Stockton, CA 95269, USA
*University of North Texas and San Diego State University, San Diego, USA

One exception...

- Independent Tables
 - Promotes independence of each student
 - Increases time able to complete work without adult intervention
 - A quiet time in the classroom
 - Time to give classroom aides lunch or breaks



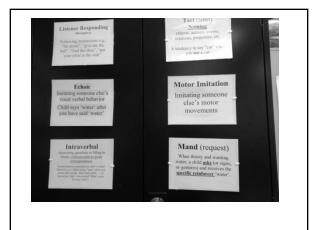




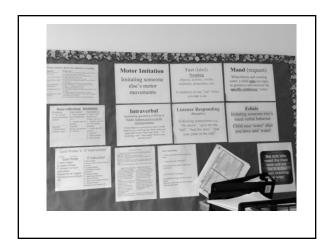
VIDEO OF INDEPENDENT TABLE

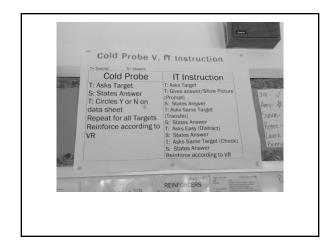
Classroom Environment

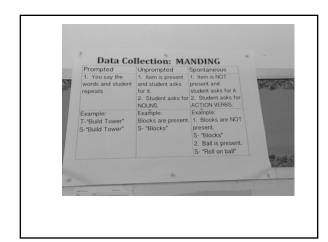
- Wall cues
- Schedules
- Division of classrooms
 - Started with 1 classroom, 2 teachers, 10 students
 - On paper, great idea. In reality, not so much
 - Within weeks, separated into 2 dassrooms, 1 teacher, 5 students in each room.
 - Division was created based on grade level and VB-MaPP assessements

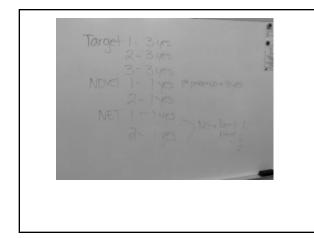


-				
-				
-				
_				
_				
-		•	•	

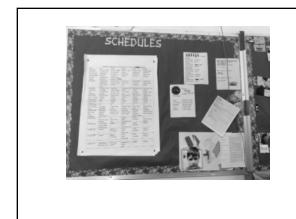


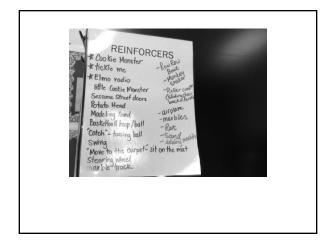


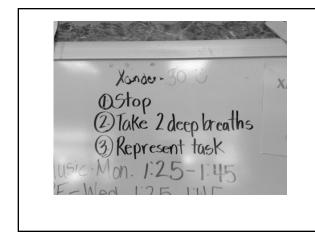


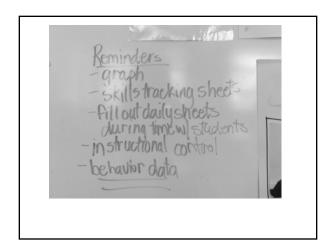


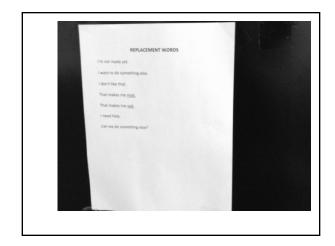


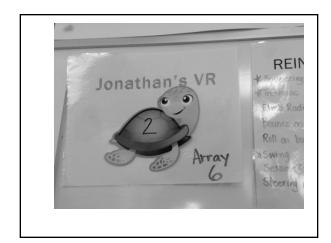


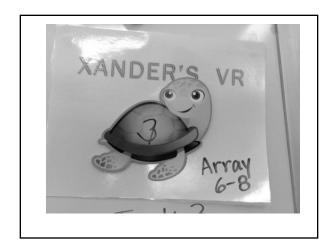












Training Staff

- Staff training—with staff in the classroom
 - Prior to the start of the school year
 - Monthly
 - Fidelity checks
- Staff training—with staff throughout the school
 - Weekly team meetings
 - $-\, Staff \,\, development \,\, presentations$

mportant Info from Consultation
4/8/16
owing steps/procedures should be done with ALL student
om. We will start data collection with Liam and move to o
data collection at a later date.

- penaviors B. Promise reinforcer is put away if item is NOT given up or problem behaviors occur during

Agenda for Room Meeting 2/26/16

Data Collection for the Week Highlighting after 3 Yes in a row-Manding, PE, etc. Mastery Chart will be provided

Community training

- Curriculum night presentations
- Kindergarten Orientation
- O'Hara Township Playground
- Local children's community theater input

Administrative Commitment

- Time to meet with our staff
- Spends time in our classrooms getting to know students.
- Financial Support

Internal Coach

- Coaching weekly, 30 minutes in each classroom
- Present during consulting with PaTTAN
- Bounce ideas off each other
- Speech-Pathologist comes with the language and developmental milestones background.

Home school collaboration

- Blue Sheets
- Daily information to home sheets
- Homework

		-	нь Му Day		- 7	X	Social Selection Instruction	rafbeg	Dathesing h Dusing term Working Tage Distaining Dis	er Oten	v.	Oteranes O Seeled for antifer Stay or	of Bell 12 NVC ted Expected Be reging to Felo Task Felow Steps In I	haios « Director
				,		ii ii	Tayran	400					ener Owo	
Cold Probe: H	attened Targets	TWO Year Caled	Associal Entertrigies	dov Ings in Sen	arer Flan	Tree			— Taki ⊡Kede¢Pse	ester to Toller I		Generalis	net Expected Be	halos
	Depending	Green Parter	Page Interest	Sen	Sengle	Corchites			and/or Stay on To	ph .		☐ Seeled to	Follow Steps in I	betwier f
-	-	_	-	-	-	-	Reized Servi	36	Dipench			© NV0 Team	Called	
									Constitut					
							Special News	4000	- Occupations			[i] Transition	сви Омо	
-	_	_		-	-	-			Orc				et francet he	
\vdash	-				_	\perp			Disasc			☐ Seeded Pe	onyting to Folio	e Directo
									Guasy			antile Stay on	Tank Follow Steps in I	
							Sewara to	pourse in	Ukean				one Owe	
									Charles Com	10			ted Experted Be	
Alwy	Est.	rapt/ain Coend		Seheviory tris	melon				□ feed Knod			○ Seebed Pe	propries to Folio	
Otransia		Worked on Torpes and			свы Омо				Clarw			antior Stay on		
O2Tambe		Worked on Easies Only		Operande	tel Especial be	wire.	80		_			Seeded to	Follow Steps in I	breis I
©1-work		Yequercy Deck		and/or Store on	ompting to Follow Total	Directions								
Granie					follow Street in St	Marier Plan								
Vandro		Worked on Turpets and	Caries		end Own		Bathroom I		MARK	El Toles				
Ozrassia Ozrassia		Worked on Easter Drip			net Expected the		Danvoor I	The	Minus op	The	The	1500	The	176
O1-wood		Monda Mastereck		Medet Pa	repting to Follow Tree	Directions	100	-						
Grander.					follow Street in B	etasisr Plan	Owe	Owe	Osa Osa	Owe	Cox	Gwa Gae	Own	0,
Table Top Acti		Uspering Center		- Turstime	red Dwo	Team Called	Con	Ow	G gy	Coy	Clay	G oy	Coy	ő
		Fine Rator			nd Expected the		Attenut	Attempt	Attend	Attempt	Attempt	Atlenat	Attempt	line.
		May intalian		- U Nested Pa	ompting to Follow	Directors	CHESTAGRAN							
		Alla Santonor III			foliow Street in It	enavior Plan								
Localitation		As the University	- Date of Bill Cont	III to a to	сы Омо	Town Collect								
		how Obsess			folios fires in il									
				Character										

•		
-		

Cissi/Time	ly 景語意思 Day	Table top activitie	12		
Toesng		7			
Math		Homerson	Crce:		Activity:
			Science/Secial Sh	udies:	
Mording	Title-	\dashv \parallel \parallel	Intervention:		
	Peer to peer-	Occupatoria	Spanish:		
Speech/intensive feeching	Tach	Therapy			
Torpeti masteredi		Other			
	infroverbat:	- Bothysom	void vo	id [Void	Void
			Vold Vo 8M 8M	8M	BM.
Unch/Recess		WOW! Moment			
Independent fabre					

Nam	e: M***	*		
Read	the words in e	each row. Circl	e the word	am in each row.
1.	am	ram	am	ram
2.	sad	am	sad	am
3.	am	ram	am	ram
4.	ear	am	ear	am
5.	me	am	am	me

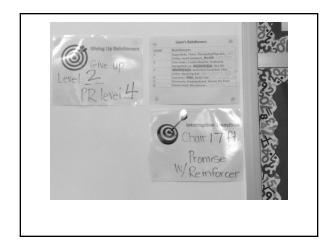
8 HG	DAIE ELE	ARMIN	.00		
8000	********	***************************************	for Mrs.	. Bennett'	s Class
Student			Week of May 2,	2016	
The following activities concepts, skills that we should spend no more folder for the week. I w	are working on with then 15 minutes care	our child in the learn pleting the home lear	ing gupper, with intens	sive teaching distance	m. Your child
Classes	Monday	Tuesday	Wednesday	Thursday	Friday
Reading/Listener	Read for 15	Read for 15			Read for 15
Responding	minutes with	minutes with			minutes with
	your child. As	your child. As			your child. As
	you read to	you read to			you read to
	him, ask him to point to	him, ask him to point to			him, ask him to point to
	different items	different items			different items
	in the pictures.	in the pictures.			in the pictures.
Games/Activities	in the pictures.	Sing 'I'm a		Sing 'Hokey	in the pictures.
Garrest Activities		Little Teapot*		Pokey" and do	
		and do hand		the	
		motions.		movements.	
Activities of Daily			Work on	Work with	
Living (ADLs)			work on squeezing	student to pack	
treng (vibts)			toothpaste onto	tems in	
			toothbrush.	backpack.	
	Completed -	Completed -	Completed -	Completed -	Completed -
	Initials	Initials	Initials	Initials	Initials
Parent/Teache	r Reflections:				
0					
Reminders for	Incoming Con-				
5/11-2" grade	- Field Trie to D	de Pierriesuses			
5/18- K dinosa	e rield irip to 17	gn. Haynouse			
5/18- K dinosa	ur program 2:0	O PM			
5/20-K and 1	grade Safety D	lay			
5/20-2" grade	e Reader's Thea	iter 2:00 PM			
:					

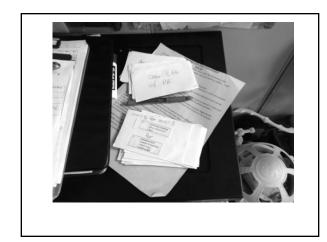
December 2,255 When had sain or the outgest like glass in our discusses more the gast ments. Not less a student encourage out of the fact a student encourage or one hadren to the same of the student encourage or one hadren to the same of the sam	Special Area Classes Torone Classes In Society Area warrier for benevial classes to control to the special classes to the	
the ability to comply with directlo will ask the students who use cor- receptively they know certain liter hand." We also ask students to (an action such as: tapping, claps	er responding. This is when students demonstratins. We use this 3 different ways in our classroom, mnunication devices to "Touch" items to show its. We ask students to follow a directive, "Raise y termonstrate understanding of a task "Show me	We our

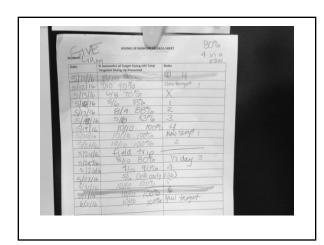
Early Learner

- Materials/object sort
- Modified sign
- Giving up reinforcers
- Interruption –transition









ATTERNATION TABLES CHART TO THE STATE OF TH	
INTERUPTION TRANSITION VIDEO	
SIGN MANDING VIDEO 1	

]
SIGN MANDING VIDEO 2	
]
MANDING WITH AN IPAD VIDEO	
MANDING WITH AN IPAD VIDEO 2	
WANDING WITHAN IPAD VIDEO 2	

Intermediate and advanced Teaching Procedures

- Joint control
- FFC organization/ procedures
- Peer to peer manding/pairing
- Direct Instruction

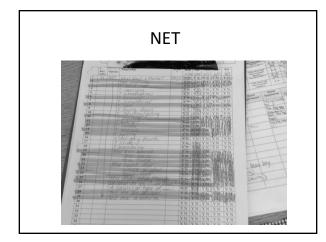


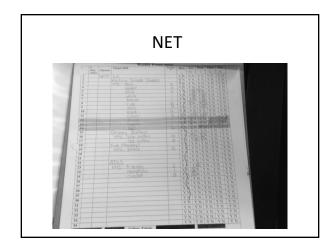
IT SESSION VIDEO 1

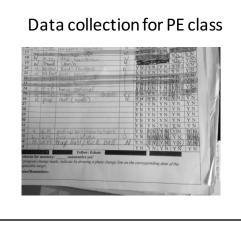
$\overline{}$
•

IT SESSION VIDEO 2	
IT SESSION VIDEO 3	
JT 0500 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
IT SESSION VIDEO 4	

	1
ADVANCED LEARNER MANDING VIDEO	
	-
	_
JOINT CONTROL VIDEO	-
JOHNI CONTROL VIDEO	
	-
	-
	1
	7
Natural Environment	
Generalization	
– Doesn't have to be overwhelming	
– Once a week	
Prepation for General Education	







	1
ORCESTRA VIDEO	
Г	1
ADAPTED MUSIC VIDEO	
ABAN TEB WIGSTE VIBES	
	_
	1
ADAPTED LIBRARY VIDEO 1	

	-
ADAPTED MUSIC VIDEO 2	
ABAT TEB WIGSTE VIBEG 2	
	-
	7
EARLY LEARNER GROUP INSTRUCTION VIDEO	
VIDEO	
	<u> </u>
NO MA	





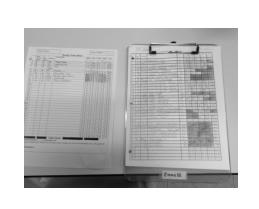


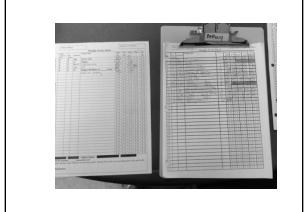


Current Student Data

• Acquisition rates—Then and Now







- Casey, A.M., & McWilliam R.A. (2011). The Impactof Checklist-Based Training on Teachers' Use of the Zone Defense Schedule. *Journal of Applied Behavior Analysis*, 44, 397-401.
- Codding, R. S., Livanis, A. Pace, G. M., & Vaca, L. (2008). Using Performance Feedback to Improve Teatment Integrity of Classwide Behavior Plans. An Investigation of Observer Reactivity. Journal of Applied Behavior Analysis, 41, 417-422.
- 41, 41/-422.

 Gallant, P. J., Thyer, B. A., & Bailey J. S. (1991). Using Bug-in-the-Ear Feedbackin Clinical Supervision: Preliminary Evaluations. Research on Social Work Practice, 1, 175-187.

 Green C. W., Rolyson, J. H., & Passante, S. C. (2002). Maintaining Proficient Supervisor Performance with Direct Support Personnel: An Analysis of Two Management Approaches. Journal of Applied Behavior Analysis, 35, 205-208.

Goodman J.I., Brady, M. P., Duffy, M. L., Scott, J., & Pollard, N. E. (2008). The Effects of "Bug-in-Ear" Supervision on Special Education Teachers' Delivery of Learn Units. *Developmental Disabilities*, *23*, 207-216.

Iwata, B.A., Wallace, M.D., Kahng S., Lindberg, J.S., Roscoe, E.M., Conners J., et al. (2000). Skill acquisition in the implementation of functional analysis methodology. *Journal of Applied Behavior Analysis*, 33, 181-194.

Koehel, R. I., Russo D. C., & Rincover, A. (1977). Assessing and training teachers in the generalized use of behavior modification with autistic children. *Journal of Applied Behavior Analysis*, 10, 197-205. Lavie, T., & Stutmey, P (2002). Training staff to conduct a paired-stimulus preference assessment. *Journal of Applied Behavior Analysis*, 35, 209-211.

References

PaTTAN Autism Initiative, (2011). Winter Resource CD.
Parsons, M. B., Rollyson, J. H., & Reid D. H. (2011). Evidence-Based
Staff Training: A Guide for Practitioners. Behavior Analysis in
Practice, 5(2), 2-9.

Reid, D. H. & Parsons, M. B. (1995). Motivating humanservice staff: Supervisory strategies for maximizing work effort and work enjoyment Morganton, NC: Habilitative Management Consultants, Inc.

Sarokoff, R. A., & Sturmey, P. (2004). The Effects of Behavioral Skills Training on Staff Implementation of Discrete-Trial Teaching. *Journal of Applied Behavior Analysis*, 37, 535-538

References

Scheeler, M.C., McKinnon, K., & Stout, J. (2012). Effects of Immediate Feedback Delivered via Webcam and Bug-in-Ear Technology on Preservice Teacher Performance. Teacher Education and Special Education: The Journal of the Teacher Education Division of the Council for Exceptional Children, 35(1), 77-90.

Scheeler, M.C., Congdon, M., & Stansbery, S. (2010). Providing Immediate Feedback to Co-Teachers Through Bug-in-Ear Technology: An Effective Method of Peer Coaching in Inclusion Classrooms. Teacher Education and Special Education: The Journal of the Teacher Education Of the Council for Exceptional Children, 33(1), 83-96.

2	1

- Adcock, B., & Remus, M. L., (2006). Disability Awareness Activity Packet, Possibilities Inc., Phoenix, AZ. 5-6.
- Bimbrauer, J. S., & Leach, D. J., (1993). The Murdoch early intervention program after two years. *Behavior Change*, *10*, 63-74.
- Brouse, L. & Fallica, S., (2011). VB Parent Training. *Pace School.* January 11, 2011.
- Dunlap, G., Kern-Dunlap, L. Clarke, S., & Robbins, F. (1991). Functional assessment, curricular revision, and severe behavior problems. *Journal of Applied Behavior Analysis*. 24, 387-397.
- Etzel, B.C., & LeBlanc, J.M., (1979). The simplest treatment alternative: A law of parsimony applied to choosing appropriate instructional control and errorless learning procedures for the difficult-to-teach-child. Journal of Autism and Developmental Disorders, 22, 141-153.

References

- Florida Institute for Self Injury, Paired Stimulus Preference
- Kittenbrink, R., (2011). VB Jeopardy, Pace School. January 3, 2011.
- Koegel, R. L., Russo, D. C., & Rincover, A., (1977). Assessing and training teachers in the generalized use of behavior modification with autistic children. *Journal of Applied Behavior Analysis*, 10, 197-205.
- Lalli, J. S., Browder, D. M., Mace, F. C., & Brown, D.K., (1993). Teacher use of descriptive analysis data to implement interventions to decrease students' problem behaviors. Journal of Applied Behavior Analysis, 26, 227=238.

References

- Lovaas, O. I., (1987). Behavioral treatment and normal educational and intellectual functioning in young autistic children. *Journal of Consulting and Clinical Psychology*, 55, 3-9.
- McEachin, J.J., Smith, T., & Lovaas, O. I. (1993). Long term outcomes for children who received early intensive behavioral treatment.

 American Journal on Mental Retardation, 4, 359-372.
- Miklos, W. M., (2011). Transcription of teaching session, Pace School Consultation Notes. PA Autism Initiative, PaTTAN. January 20, 2011.
- The National Autism Center, (2009). The National Autism Center's Standards Report., Randolph, Massachusetts. 1-174.

PaTTAN Autism Initiative, (2015). Winter Resource File.

PaTTAN Autism Initiative, (2015). Possible Reinforcers. Winter Resource CD.

Perry, R., Cohen, I., & DeCarlo, R. (1995). Case study: Deterioration, autism, and recovery in tow siblings. *Journal of the American Academy of Child and Adolescent Psychiatry*, 34, 232-237.

Peters, M. T., & Heron, T. E., (1993). When the best is not good enough: An examination of best practice. *The Journal of Special Education*, 26, 371-385.

Vanderbilt Kennedy Center, Behavior Analysis Clinic, (2007). Functional Assessment Interview II, Vanderbilt Kennedy Center.

References

Weiss, M. J. (2000)., Expanding ABA Intervention in intensive programs for children with autism: The inclusion of natural environment training and fluency based instruction, *The Behavior Analyst Today*, 2, 182-186.

-			
_			
-			
_			
-			
_			
_			
-			
_			
_			