

Appendix B

Study	Publication Date	Analysis of multiple studies	Number of Participants	Age of Participants	Diagnosis of Participants	Setting of Intervention	Interventionist	Combined Intervention Method	Gray's Sentence Structure	Structure of Implementation	Target Behavior	Success	Measures of Success	Technology Used	Time Period
Ali & Frederickson	2006	Yes	meta-analysis (>7)	2-15 yrs	ASD	Varied	Varied	Yes	Yes	Varied	Varied	Yes	Varied	Varied	Varied
Amin & Oweini	2013	No	1	7 yrs old	ASD	School-based	Researcher	Yes	Yes	one-on-one	Social interaction	Yes (recommendation for future research)	SBAI rating scales by teachers and CPR	No	1 time a week for 8 weeks
Hanley-Hochdorfer, K.	2010	No	4	6-12 yrs old	ASD or Asperger's syndrome	School-based	Trained readers	No	Yes	one-on-one	Social interaction	No (recommendation for further research)	Baseline observations	No	4 times a week for 11 weeks
Kassardijan & Leaf	2014	No	3	5 yrs old	ASD	Private Agency	Researcher	No (reinforcements /comprehension questions)	Yes	Whole group	Explaining a prior "cool" event to peers	No	Performance Probes	No	3 days a week for 11 weeks
Chan & O'Reilly	2011	No	3	8 yrs old	ASD	Multimedia School-based	Pre-service, trained, special-ed teacher	No (reinforcements /comprehension questions)	Yes	one-on-one	Specific to target participant	Yes	Baseline observations	Yes	Everday for 35 days
Mayton & Menendez	2013	Yes	meta-analysis (>30)	5-9 yrs old	ASD	Varied (78.8% school-based, 15.2% home, 3% clinic)	Varied	Yes	Yes	Varied	Varied	Yes	Varied-mostly observation phases	~35% of studies	N/A
Iskander & Rosales	2013	No	2	8-11 yrs old	PDD-NOS & ADHD	School-based	Researcher	Yes	Yes	one-on-one	Specific to target participant	Yes (when paired)	PBQ questionnaire ; baseline observations	No	2-4 times a day for 2-4 days a week
Tarnai	2011	No	6	9-11 yrs old	ASD & PDD-NOS	Private Agency Program	Staff members-students led	No	Varied	Small group	Table setting skills	Yes	Baseline observations	No	Every session; multiple times a day
Ozdemir	2008	No	3	5-6 yrs old	ASD	Multimedia school-based	Researcher-students led	Yes	Yes	Child-led with computer	Social interaction	Yes	Baseline observations	Yes	3 times a week
Reynhout & Carter 2009	2009	Yes	meta-analysis (>40)	~90% infants/primary aged children	~76% special needs	School-based	Teachers & special-ed teachers	Varied ~60%	Varied	Varied	91% social skills	Yes	Varied	No	Varied
Reynhout & Carter 2011	2011	Yes	meta-analysis (>60)	~71% 5-12 yrs old	ASD, PDD-NOS, Asperger's, or none	Varied; 50% special school setting	Special-ed teachers	Varied	~80% yes	Varied	Varied	Yes	Varied	No	Varied
Ivey, Heflin, Alberto	2004	No	3	5-7 yrs old	PDD-NOS	Children's hospital	Parent	No	Yes	one-on-one	Participation skills	Yes	Parent interviews/ baseline observations	Yes	1 time a day for 5 days
Barry & Burlew	2004	No	2	7-8 yrs old	ASD	School-based	Teacher or TA	No	Yes	one-on-one	Making choices	Yes	Baseline observations	No	1 time a day