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Learning Experiences ...An Alternative Program for Preschoolers and Parents

Scientific Evidence Supporting LEAP

LEAP Outcome Studies

Strain, P.S. & Hoyson, M. (2000). On the need for longitudinal, intensive social skill intervention: LEAP follow-up outcomes for children with autism as a case-in-point. Topics in Early Childhood Special Education, 20, 116-122.

Strain, P.S., & Bovey, E.H. (2011). Randomized, controlled trial of the LEAP model of early intervention for young children with autism spectrum disorders. Topics in Early Childhood Special Education. First published on May 25, 2011 as doi:10.1177/0271121411408740.

Efficacy of Peer-Mediated Social Intervention

Odom, S.L., Hoyson, M., Jamieson, B., & Strain, P.S. (1985). Increasing handicapped preschoolers peer social interactions: Cross-setting and component analysis. Journal of Applied Behavior Analysis, 18, 3-16.

Strain, P.S., Hoyson, M., & Jamieson, B. (1985). Class department and social outcomes for normally developing and autistic-like children in an integrated preschool. Journal of the Division for Early Childhood, 10, 105-115.

Odom, S.L. & Strain, P.S. (1986). Combining teacher antecedents and peer responses for promoting reciprocal social interaction of autistic preschoolers. Journal of Applied Behavior Analysis, 19, 59-71.

Odom, S.L., Strain, P.S., Karger, M.A., & Smith, J.D. (1986). Using single and multiple peers to promote social interaction of preschool children with severe handicaps. Journal of the Division for Early Childhood, 10, 53-64.

Strain, P.S. (1987). Comprehensive evaluation of young autistic children. Topics in Early Childhood Special Education, 7, 97-110.

Lefebvre, D. & Strain, P.S. (1989). Effects of a group contingency on the frequency of social interactions among autistic and nonhandicapped preschool children: Making LRE efficacious. Journal of Early Intervention, 13, 329-341.

Kohler, F.W., Strain, P.S., Maretsky, S., & DeCesare, L. (1990). Promoting positive and supportive interactions between preschoolers: An analysis of group-oriented contingencies. Journal of Early Intervention, 14, 327-341.

Kohler, F.W., Strain, P.S., & Shearer, D.D. (1992). The overtures of preschool social skill intervention agents: Differential rates, forms, and functions. Behavior Modification, 16, 525-542.

Sainato, D.M., Goldstein, H., & Strain, P.S. (1992). Effects of self-monitoring on preschool children's use of social interaction strategies with their handicapped peers. Journal of Applied Behavior Analysis, 25, 127-142.

Kohler, F. W. & Strain, P. S. (1993). Teaching preschool children to make friends. Teaching Exceptional Children, 25, 41-43.

Storey, K., Smith, D., & Strain, P. S. (1993). Use of classroom assistants and peer-mediated intervention to increase integration in preschool settings. Exceptionality, 4, 1-16.

Strain, P.S., Kohler, F.W., Storey, K., & Danko, C. D. (1994). Teaching preschoolers with autism to self-monitor their social interactions. Journal of Emotional and Behavioral Disorders, 2, 78-88.

Smith, J. D., McConnell, S. R., Maretsky, S. R., Kudray, R. M., & Strain, P. S. (1995). Promoting reciprocal social interactions among autistic and normally developing children in an integrated preschool. Journal of the Multihandicapped Person, 5, 110-123.

Kohler, F.W., Strain, P.S., Hoyson, M., Davis, L., Donina, W.M., & Rapp, N. (1995). Using a group-oriented contingency to increase social interactions between children with autism and their peers: A preliminary analysis of corollary supportive behaviors. Behavior Modification, 19, 10-32.

Strain, P.S., Danko, C.D., & Kohler, F. (1995). Activity engagement and social interaction development in young children with autism: An examination of "free" intervention effects. Journal of Emotional and Behavioral Disorders, 3, 108-123.

Strain, P.S. & Kohler, F.W. (1995). Analyzing predictors of daily social skill performance. Behavior Disorders, 21, 78-87.

Strain, P.S. & Danko, C.D. (1995). Caregivers' encouragement of positive interaction between preschoolers with autism and their siblings. Journal of

Emotional and Behavioral Disorders, 3, 2-12.

Strain, P. S. & Kohler, F. W. (1998). Peer-mediated social intervention for young children with autism. Seminars in Speech and Language, 19, 391-405.

Kohler, F. W. & Strain, P. S. (1999). Maximizing peer-mediated resources within integrated preschool classrooms. Topics in Early Childhood Special Education, 19, 92-102.

Strain, P.S. (2001). Empirically-based social skill intervention. Behavioral Disorders, 27, 30-36.

Strain, P.S. & Schwartz, I (2001). Applied behavior analysis and social skills intervention for young children with autism. Focus on Autism and Other Developmental Disorders, 8, 12-24.

Efficacy of Peer-Mediated Communication Intervention

Goldstein, H. & Wickstrom, S. (1986). Peer intervention effects on communicative interaction among handicapped and nonhandicapped preschoolers. Journal of Applied Behavior Analysis, 19, 209-214.

Goldstein, H. & Ferrell, D.R. (1987). Augmenting communicative interaction between handicapped and nonhandicapped preschool children. Journal of Speech and Hearing Disorders, 52, 200-219.

Goldstein, H., Wickstrom, S., Hoyson, M., Jamieson, B., & Odom, S. (1988). Effects of sociodramatic play training on social and communicative interaction. Education and Treatment of Children, 11, 97-117.

Goldstein, H. & Cisar, C.L. (1992). Promoting interaction during sociodramatic play: Teaching scripts to typical preschoolers and classmates with handicaps. Journal of Applied Behavior Analysis, 25, 265-280.

Goldstein, H., Kaczmarek, L., Pennington, R., & Shafer, K. (1992). Peer-mediated intervention: Attending to, commenting on, and acknowledging the behavior of preschoolers with autism. Journal of Applied Behavior Analysis, 25, 289-305.

Efficacy of Instructional Tactics on Pre-Academic Behaviors

Hoyson, M., Jamieson, B., & Strain, P.S. (1984). Individualized group instruction of normally developing and autistic-like children: The LEAP curriculum model. Journal of the Division for Early Childhood, 8, 157-172.

Sainato, D.M., Strain, P.S., Lefebvre, D., & Rapp, N. (1987). Facilitating transition times with preschool handicapped children: A comparison between peer-mediated and antecedent prompt procedures. Journal of Applied Behavior Analysis, 20, 285-292.

Sainato, D.M., Strain, P.S., Lefebvre, D., & Rapp, N. (1990). Effects of self-evaluation of the independent work skills of preschool children with disabilities. Exceptional Children, 56, 540-551.

Venn, M.L., Wolery, M., Fleming, L.A., DeCesare, L.D., Morris, A., Sigismund, M.H. (1993). Effects of teaching preschool peers to use the mand-model procedure during snack activities. American Journal of Speech-Language Pathology, 2 (1), 38-46.

Venn, M.L., Wolery, M., Werts, M.G., Morris, A., DeCosare, L.D., & Cuffs, M.S. (1993). Embedding instruction in art activities to teach preschoolers with disabilities to imitate their peers. Early Childhood Research Quarterly, 8, 277-294.

Kohler, F.W. & Strain, P.S. (1997). Combining incidental teaching and peer-mediation with young children with autism. Journal of Autism and Related Disorders, 12, 196-206.

Efficacy of Parent Participation Component

Cordisco, L. & Strain, P.S. (1986). Assessment of generalization and maintenance in a multicomponent parent training program. Journal of the Division for Early Childhood, 10, 10-24.

Strain, P.S. (1987). Parent involvement and outcomes at LEAP Preschool. Zero to Three (Journal of the National Center for Clinical Infant Programs), 6, 7-12.