

Improving
Confidence and
Willingness to
Communicate

Improving
Confidence and
Communicate

Improving
Confidence and
Conline mult
2016; Reinders
Community (Pellettier, 20

Immersion (MacIntyre et al., 2001; MacIntyre et al., 2003 Baker & MacIntyre, 2003)

Robot-assisted simulations (Lee et al., 2011)

Online multiplayer role-play games (Horowitz, 2016; Reinders & Wattana, 2014)

Pair interactions, group dynamics oriented instruction, and cooperative learning techniques

Community engagement and service encounter (Pellettieri, 2011; McNaughton & McDonough, 2015)

## Second Language Instruction Methods

#### Sociocultural Theory (Vygotsky, 1978)

- · Zone of proximal development
- Does not need to be only between an expert and beginner, but learning can occur between varied levels including beginner and beginner (Lantolf, 2000; Donato, 1994)
- Parallels with many of the methods used to improve confidence and WTC: peer interactions, immersion classrooms, etc.

# AAC Instruction Methods

#### **School-Based Services**

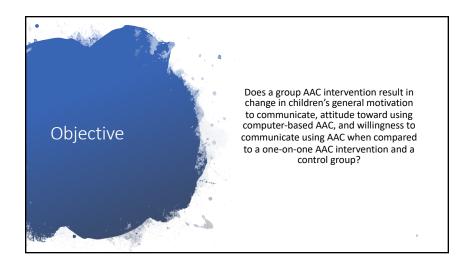
- 80% of SLP school services are pull-out (2016 School Survey, 2016)
   Instructional time available in classrooms
- Difference of interactions that take place in pull-out vs. push-in (Falk-Ross, 1996)
- Push-in results in greater gains in language skills and expression for children with language disorders (Falk-Ross, 1996; Stephenson, 2006)
- Benefits to children without disabilities for language learning (Capirci et al., 1998)
- Opportunities for co-teaching (Reblin, 1994)

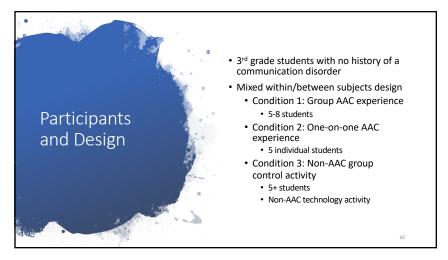
Children who use AAC are not provided with opportunities to interact and communicate with their peers at a level that allows for them to further develop their language (Romski & Sevcik, 1996)

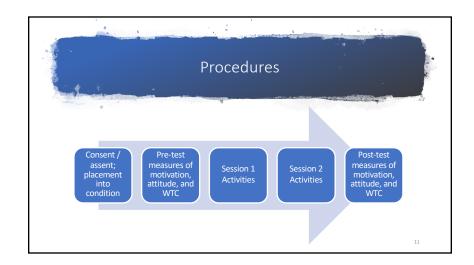
# Significance

- Psychosocial factors of communication are important in the communicative competence of people who use AAC (Light, 2003; 2014)
  - · Motivation, attitude, confidence, and resilience
- People who use AAC may experience a lack of confidence and an unwillingness to communicate using their system
- Although established as theoretically important, research on improving confidence to communicate using AAC is limited

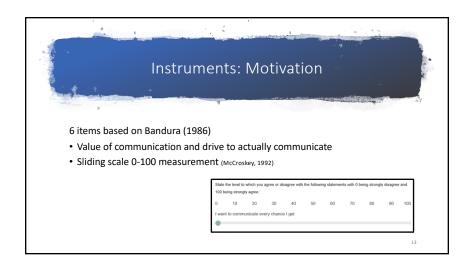
8

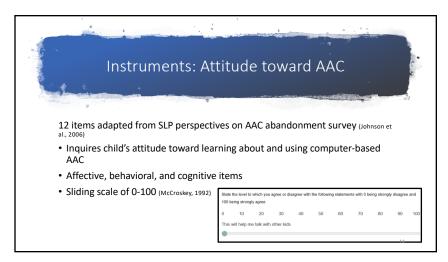


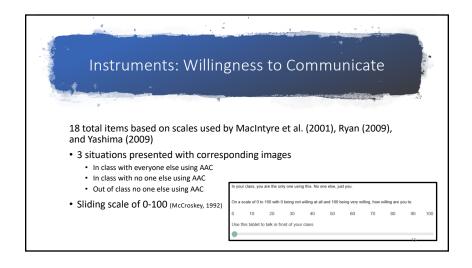


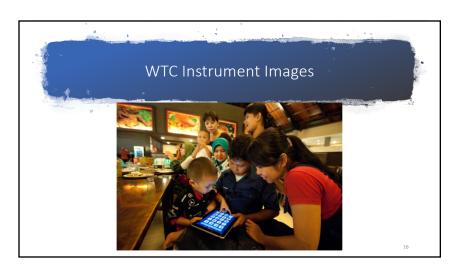


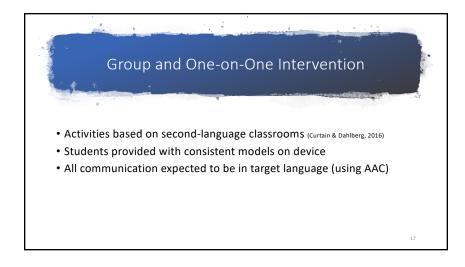


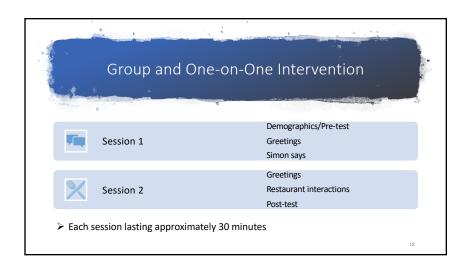




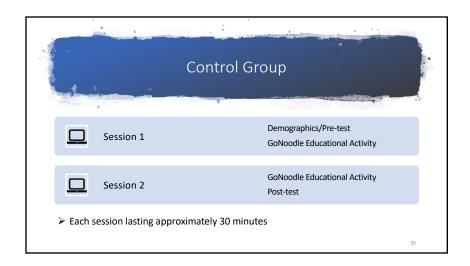


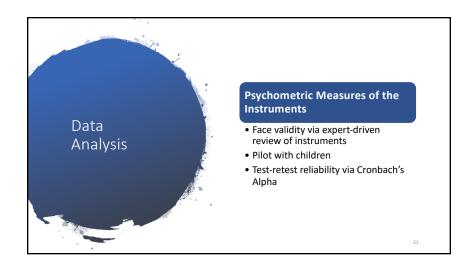


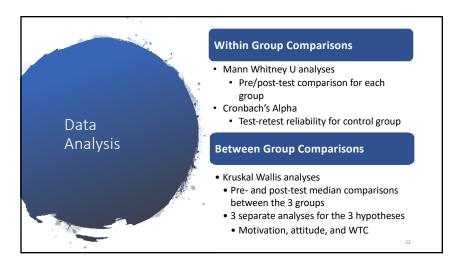




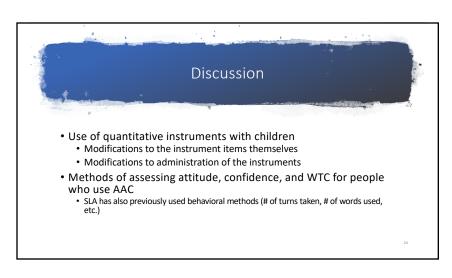
AAC Device used in Group and One-on-One Sessions
Proloquo2Go (AssistiveWare, 2009)
Core Vocabulary
Based on Vocabulary for Preschool, School Children (University of Nebraska-Lincoln Augmentative and Alternative Communication, 2019)
Activity-based vocabulary
Actions and descriptors
Breakfast vocabulary











### Discussion

- Next directions for intervention
  - Other methods to pilot with children who do not use AAC regularly?
  - Modifications to current intervention methods/suggestions for inclusion of children who use AAC

### References

2016 Schools Survey: SLP Caseload Characteristics (2016). American Speech-Language-Hearing Association, 1-15

Assistiveware. (2009). Proloquo2Go: Augmentative and alternative communication (AAC) for iPhone and iPod Touch

Alikhani, M., & Bagheridoust, E. (2017). The effect of group dynamics-oriented instruction on developing Iranian EFL learners' speaking ability and willingness to communicate. English Language Teaching, 10(11), 44-59.

Baker, S.C., & MacIntyre, P.D. (2003). The role of gender and immersion in communication and second language orientations. Language Learning, 53, 65–96.

Bandura, A. (1986). Social foundations of thought and action: A social cognitive theory. Upper Saddle River, NJ: Prentice Hall.

Capirci, O., Cattani, A., Rossini, P., & Volterra, V. (1998). Teaching Sign Language to Hearing Children as a Possible Factor in Cognitive Enhancement. Journal of Deaf Studies and Deaf Education, 3(2), 135.

Curtain, H., & Dahlberg, C.A. (2016). Languages and Learners: Making the Match: Worl Language Instruction in K-8 Classrooms and Beyond. Pearson Education

Donato, R. (1994). Collective scaffolding in language learning. In J. Lantolf and F. Appel (eds.): Vygotskian Approaches to Second Language Research (pp. 33-56). Norwood, NJ: Ablex. Falls-Ross, F. (1996). Guiding Language Participation in Classroom Discourse: Strategies for Children with Language Difficulties. Retrieved from https://search-ebosohost-

Frantom, C.G., Green, K.E., & Hoffman, E.R. (2002). Measure Development: The Children's Attitudes toward Technology Scale (CATS). Journal of Educational Computing Research, 26(3), 249–263. doi: 10.2191/DVMA-8LE0-74TN-8137

Horowitz, K.S. (2016). Relationships between Online Multiplayer Video Game Experience, Willingness to Communicate, and Communicative Anxiety for College ESL Students in Puerto Rico. Northcentral University, Ann Arbor. Retrieved from http://search.propuest.com/proxy/library.orbip.edu/docview/18548518007accountide/12954.

Johnson, J.M., Inglebret, E., Jones, C., & Ray, J. (2006) Perspectives of speech language pathologists regarding success versus abandonment of AAC. Augmentative and Alternative Communication, 22(2), 85-99. doi: 10.1109/01/24/6105701833583.

2

### References

Khazaei, Z.M., Zadeh, A.M., & Ketabi, S. (2012). Willingness to Communicate in Iranian EFL Learners: The Effect of Class Size. English Language Teaching, 5(11), 181–187.

Kissaus, S. McCullough, H., & Pyke, J.G. (2010). "Leveling the Playing Field." The Effects of Online Second Language Instruction on Student Willingness to Communicate in French. CAI/LO Garroni, 27(2), 277.

Lantolf, J.P. (2000). Sociocultural Theory and Second Language Learning. Oxford: Oxford University Press.

Lee, S., Noh, H., Lee, J., Lee, K., Lee, G.G., Sagong, S., & Kim, M. (2011). On the effectiveness of Robot-Assisted Language Learning. ReCALL: The Journal of EUROCALL, 23(1), 25–58. doi: 10.1017/S0958344010000273.

Light, J. (1989). Toward a definition of communicative competence for individuals using augmentative and alternative communication systems. Augmentative and Alternative Communication, 5(2), 137-144. doi:10.1080/07434618912331275126.

Light, J. (2003). Shattering the silence: Development of communicative competence by individuals who use AAC. In J.C. Light, D.R. Beukelman, & J. Reichle (Eds.) Communicative competence for individuals who use AAC: From research to effective practice (pp. 3–38). Baltimore, MD: Brookes.

Light J., McNaughton D., Krezman C., Williams M., Gulens M., Galskoy A., & Umpleby M. (2007). The AAC Mentor Project: Web-based instruction in sociorelational skills and collaborative problem solving for adults who use augmentative and alternative communication. AAC: Augmentative & Alternative Communication, 23(1), 56–75.

Light, J. & Mcnaughton, D. (2014). Communicative competence for individuals who require augmentative and alternative communication: A new definition for a new era of communication? Augmentative and Alternative Communication, 30(1), 1-18. doi:10.3109/07434618.2014.885080

MacIntyre, P.D., Clément, R., Dörnyei, Z., & Noels, K.A. (1998). Conceptualizing willingness to communicate in a L2: A situational model of L2 confidence and affiliation. The Modern Language Journal, (82), 545-562.

#### References

MacIntyre, P.D., Baker, S.C., Clément, R., & Conrod, S. (2001). Willingness to communicate, social support, and language-learning orientations of immersion students. Studies in Second Language Acquisition, 23, 369–388.

MacIntyre, P.D., Baker, S.C., Clement, R., & Donovan, L.A. (2003). Talking in order to learn: Willingness to communicate and intensive language programs. Canadian Modern Language Review, 59(4), 589–607.

McNaughton, S., & McDonough, K. (2015). Switches to English during French service encounters: Relationships with L2 French speakers' willingness to communicate and motivation. TESL Canada Journal, 33(1), 22–40.

McCroskey, J.C. (1992). Reliability and validity of the willingness to communicate scale. Communication Quarterly, 40, 16–25.

Ning, H. (2013). The impact of cooperative learning on English as a foreign language tertiary learners' social skills. Social Behavior and Personality, 41(4), 557–568.

Nippold, M.A. (2011). Language intervention in the classroom: What it looks like. Language, Speech, and Hearing Services in Schools, 42(4), 393–394. doi: 10.1044/0161-1461/2011/ed-04).

Pellettieri, J. (2011). Measuring language-related outcomes of community-based learning in intermediate Spanish courses. Hispania, 94(2), 285–302.

Reblin, P.A. (1994, June 6). A first-grade inclusion model that trains classroom teachers to modify and develop curriculum for language-learning disabled students.

Reinders, H., & Wattana, S. (2014). Can I say something? The effects of digital game play on willingness to communicate. Language Learning & Technology, 18(2), 101–123.

Romski, M.A., & Sevcik, R.A. (1996). Breaking the speech barrier: Language development through augmented means. Baltimore: Paul H. Brookes Publishing Co.

Ryan, S. (2009). Self and identity in L2 motivation in Japan: The ideal L2 self and Japanese learners of English. In Z. Dornyei & E. Ushioda (Eds.), Motivation, language identity and the L2 self (pp. 120-143). Bristol: Multilingual Matters.

20



Qualtrics. (2005). Qualtrics [Online software]. Retrieved from http://www.qualtrics.com/

Stephenson, J. (2008). Classroom-based interventions may be more effective than pull-out programs for speech-language pathology interventions for young children with specific language impairment. Evidence-Based Communication Assessment & Intervention, 2(2), 70–72. doi: 10.1080/j.7489530802184002

University of Nebraska-Lincoln Augmentative and Alternative Communication. (2019). Vocabulary List (for Preschool or School-Age). Retrieved from

Vygotsky, L.S. (1978). Mind in society. Cambridge, MA: Harvard University Press.

Yashima, T. (2009). International posture and the ideal L2 self in the Japanese EFL context. In Z. Drnyei & E. Ushioda (Eds.), Motivation, language identity and the L2 self (pp. 144192). Bristol: Multilingual Matters.

Yu, M. (2015). An examination of the dynamic feature of WTC through dyadic group interaction. System, 55, 11–20.

29