

Supplemental Material S6. Communicative competence and self-determination.

Note: Self-determination items are presented in bold italics

Areas of Competence	Skills
Operational Competence	1. Touches/activates a nonelectronic or electronic display
	2. Touches/activates a nonelectronic or electronic/digitized device (e.g., SBS) to communicate a message intentionally
	3. Selects target AAC symbols on a nonelectronic display (e.g., communication board, etc.)
	4. Selects target AAC symbols on an electronic/digitized device (e.g., Go Talk, iPad, etc.)
	5. Selects target AAC symbols on an SGD
	6. Navigates from pages on a nonelectronic system
	7. Navigates from pages on an SGD
	8. Picks up a target symbol and hands it to partner
	9. Uses paper and pencil to draw/write a concept
	10. Understands how to set up/access his/her AAC equipment (turn on, charge device, etc.)
	11. Can direct others to set up his/her AAC equipment (turn on, charge device, etc.)
	12. Other
Linguistic Competence	1. Follows simple directions
	2. Follows multistep directions
	3. Uses single words/symbols
	4. Uses preprogrammed phrases
	5. Generates multiword utterances
	6. Uses nouns, verbs
	7. Uses interrogatives/questions
	8. Uses adjectives and adverbs
	9. Uses prepositions
	10. Uses syntactic/morphological markers
	11. Constructs grammatically correct sentences
	12. Uses letters/numbers to generate messages (encoding)
Social Competence	1. Expresses interest in other people
	2. Establishes joint attention
	3. Participates actively in interactions
	4. Takes turns
	5. Protests/refuses
	6. Requests
	7. Makes choices
	8. Comments
	9. Initiates interactions
	10. Establishes a conversation topic
	11. Answers questions

	12. <i>Asks questions</i>
	13. <i>Expresses feelings/emotions</i>
	14. Maintains interactions over multiple turns
	15. <i>Clarifies information</i>
	16. Participates actively in a group discussion
	17. <i>Leads a group discussion</i>
Strategic Competence	1. <i>Obtains attention</i>
	2. <i>Indicates communication breakdowns</i>
	3. <i>Repairs communication breakdowns</i>
	4. <i>Introduces self</i>
	5. <i>Gives partner directions re: communication</i>
	6. <i>Explains AAC system</i>
	7. <i>Repeats, rephrases</i>
	8. <i>Tells you first letter</i>
	9. <i>Advocates for self</i>
	10. Other