





Table 4. Using “Doodle Buddy” for receptive and expressive goals.

Expressive Goals	Visuals in “Doodle Buddy”	Case examples
Repair communication breakdowns using a whiteboard		<p>Mary, who has dysarthric speech, supplements her speech through expressive apps and this whiteboard app. She quickly writes on the whiteboard and shows her message to her partner.</p> <p>A person struggling with expression (either verbally or in writing) could draw to supplement the communication intent.</p>
Improve expressive language in terms of elaboration of verbal output		<p>Sophia uses a Vantage Lite (dedicated speech-generating communication device) with this app, by directing her communication partner what to do (e.g., “Draw a blue house” or “Draw a tiny bird”) or commenting on a scene that was drawn together (e.g., “I see a dolphin and a fish”).</p>
Receptive Goals		
Increase ability to follow two-step directions		<p>Max was directed to draw a circle and then draw a star in the circle. He had attempted this activity previously with marker and paper and was not engaged. Now he completed it without prompting.</p>
Improve knowledge of location concepts (e.g., in, on, under, behind)		<p>In a prepositional knowledge exercise, we imported a scene/ photograph and directed James to, for example, circle the dog that is IN the tree. The “coolness” factor of the technology motivated him to engage.</p>