

Criteria	Exceeds Expectations	Meets Expectations	Does Not Meet Expectations
Customizable	<ul style="list-style-type: none"> <input type="checkbox"/> Grammar and vocabulary can be easily accessed and updated to represent student's current language ability/usage. <input type="checkbox"/> Enables download of natural sounding voices with inflection <input type="checkbox"/> Change color, font, and voice of multiple buttons at once <input type="checkbox"/> Allows for pairing of words with pictures <input type="checkbox"/> Authentic photos from the student's environment can be utilized as desired; choice in photographs or other types of pictures also provided <input type="checkbox"/> App collects data on student word/ language usage 	<ul style="list-style-type: none"> <input type="checkbox"/> Grammar and vocabulary can be updated to represent student's current language ability/usage <input type="checkbox"/> Some ability to change color, font, and voice of multiple buttons <input type="checkbox"/> Allows for pairing of words with pictures <input type="checkbox"/> Allows for choice in photographs or other types of pictures (symbols, drawings, etc.) <input type="checkbox"/> App has some data storage capabilities 	<ul style="list-style-type: none"> <input type="checkbox"/> Pre-set vocabulary from developer that cannot be altered <input type="checkbox"/> No pairing of words and pictures <input type="checkbox"/> Only uses real life photos or symbolic pictures <input type="checkbox"/> Pictures are not age or developmentally appropriate <input type="checkbox"/> No data storage capabilities
Motor Skills	<ul style="list-style-type: none"> <input type="checkbox"/> Minimal to no physical effort required <input type="checkbox"/> Prevents accidental selections <input type="checkbox"/> Uses 'Select on Release' to compensate for motor challenges <input type="checkbox"/> Pictures can be saved in multiple size formats <input type="checkbox"/> Audio is easy to hear <input type="checkbox"/> Touch screen sensitivity is adjustable <input type="checkbox"/> App limits the number of open screens/windows <input type="checkbox"/> Vocabulary is well organized within app 	<ul style="list-style-type: none"> <input type="checkbox"/> Requires low physical effort to use <input type="checkbox"/> Adjustable picture size <input type="checkbox"/> Audio is easy to hear <input type="checkbox"/> Touch screen reacts smoothly, few errors <input type="checkbox"/> Vocabulary is organized within app 	<ul style="list-style-type: none"> <input type="checkbox"/> Requires physical effort to use <input type="checkbox"/> Pictures size / Audio are not adjustable <input type="checkbox"/> Prone to accidental selections <input type="checkbox"/> Touch screen is too sensitive or not sensitive enough causing communication errors <input type="checkbox"/> Vocabulary lacks organization within app
Minimize Extraneous Resources/Time	<ul style="list-style-type: none"> <input type="checkbox"/> Easy to teach students to use app; teaching suggestions included <input type="checkbox"/> Students use the app independently and almost immediately upon introduction <input type="checkbox"/> The benefits of using the app appear almost immediately <input type="checkbox"/> App is generalizable across multiple and related communication goals 	<ul style="list-style-type: none"> <input type="checkbox"/> Easy to teach students to use app <input type="checkbox"/> Students can use the app with minimal adult assistance <input type="checkbox"/> Time require to learn the app is appropriate for the benefits of using the app <input type="checkbox"/> App is generalizable across a few communication goals 	<ul style="list-style-type: none"> <input type="checkbox"/> Challenging to teach students to use app <input type="checkbox"/> Time required to learn to use the app is not appropriate for the benefits of using the app <input type="checkbox"/> App is not generalizable for building other related communication goals
Research Basis	<ul style="list-style-type: none"> <input type="checkbox"/> App has been researched and shown to be effective through published, controlled, design studies <input type="checkbox"/> Evidence-based sources provided 	<ul style="list-style-type: none"> <input type="checkbox"/> App construction is based on research based practices (e.g. Universal Design for Learning) <input type="checkbox"/> Some evidence-based sources provided 	<ul style="list-style-type: none"> <input type="checkbox"/> App is not based on best practices <input type="checkbox"/> No information on sources of content provided
Cost-Effectiveness	<ul style="list-style-type: none"> <input type="checkbox"/> Price of the application is justified based on the previous criteria and value of product <input type="checkbox"/> Offers trial period to test usage before purchase 	<ul style="list-style-type: none"> <input type="checkbox"/> App is reasonably priced for value of product <input type="checkbox"/> Offers trial period to test usage before purchase 	<ul style="list-style-type: none"> <input type="checkbox"/> App is unaffordable for most schools/students <input type="checkbox"/> App is relatively inexpensive but highly ineffective <input type="checkbox"/> Offers no trial period to test usage before purchase

Allen, M. L., Hartley, C., & Cain, K. (2016). iPads and the Use of "Apps" by Children with Autism Spectrum Disorder: Do They Promote Learning?. *Frontiers in psychology, 7*, 1305.doi:10.3389/fpsyg.2016.01305