

# Smart Phone Applications

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## for people with brain injury

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### **The Project**

The project *Implementing and evaluating Smart Phone Applications technology across the NSW Brain Injury Rehabilitation Program (BIRP)* aims to:

Provide web-based resources for clinicians

Evaluate the efficacy of Smart Phone Apps for people with brain injury.

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### **This document:**

[C1\\_Smartphone\\_applications\\_information\\_for\\_clinicians\\_V1\\_10\\_Oct11.pdf](#)

Is a range of Smart Apps grouped according to the following categories; mobility, cognition, communication, daily tasks, medical and carers. It provides information about the device, the price, a hyperlink to further information, suggested goals, App strengths, App limitations and ideas for where you could use the App. Clinicians can use this spreadsheet to browse potential Apps which may be of benefit to their client.

It is available from: [www.TBIStaffTraining.info](http://www.TBIStaffTraining.info)

### **More Project information and further documents:**

[www.TBIStaffTraining.info](http://www.TBIStaffTraining.info)

Applications: Information for Clinicians

BOTH ADULTS AND PAEDIATRICS

**MOBILITY**

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<b>Run Keeper</b> \$1.99 <b>Calendar</b> Free <b>Free</b> <b>Heartwise</b> blood pressure monitor \$0.99 <b>Heart rate</b> monitor \$0.99 <b>Fitness builder</b> \$0.99 <b>Yoga Stretch</b> \$0.99 <b>Full Fitness</b> \$5.99 <b>Instant Heart</b> Rate \$0.99	<b>Instant heart</b> rate Free <b>iFitness</b> \$1.99 <b>Calendar</b> Free	<b>Physical</b> - Fitness - Strength  <b>Executive Functioning</b> - Memory - Organisation - Goal setting - Self regulation and initiation  <b>Independently recall and carry out exercises</b>  <b>Meeting and maintaining fitness goals</b>	<b>iPhone: Run Keeper</b> A dynamic log which allows workouts to be tracked and measured over time. <b>iPhone: Heart rate monitor.</b> Uses the microphone to monitor heart rate. <b>iPhone: Fitness builder</b> A fitness program with a library of exercise images and videos, personal trainer and tools to calculate, track and schedule workouts. <b>iPhone: Full Fitness</b> Video set of exercises categorized by mobility goals or muscle groups with record of goals and progress made <b>iPhone: Yoga Stretch</b> A library of yoga poses to improve strength, balance, posture and flexibility. Stretch sequences can be accessed or created with picture, audio and video support <b>Android: Instant Heart Rate:</b> Uses the camera to monitor heart rate. <b>Android: iFitness:</b> library of exercises, weight and progress tracking	<b>All:</b> Monitor and record fitness goals & progress Record of BMI Helps track fitness goals Motivating visual feedback Visual reminders to carry out therapy recommendations Flexible workout options Facilitates exercise safety for people with blood pressure concerns Consistent exercise regime Create new goals and measure achievements Ensure safety while exercising by monitoring blood pressure Improve strength, balance, posture and flexibility Set a workout schedule Set a music play list to assist with motivation during workout  <b>iPhone: Instant Heart Rate</b> does not need external hardware  <b>Android: iFitness:</b> 300 exercises with text and video instructions		<b>All:</b> Coordinating goals set from physiotherapist, personal trainer and yourself  Record physical activity in different environments (gym, at home)  Facilitates fitness, strength, memory, organisation and self regulation goals Initiate new exercises or routines  Measure resting heart rate, and previous results with motivating visual feedback  Carry out exercises at home, while waiting for an appointment, on public transport  Describe exercises to someone else  Exercise accountability and progress motivation

COGNITION

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<b>Behaviour Tracker pro</b> <b>\$29.99</b>	<b>Behaviour Status</b> <b>Free</b>	<b>Management of Challenging Behaviours</b> <ul style="list-style-type: none"> <li>- Reducing undesired target behaviour</li> <li>- Encouraging desired/target behaviour</li> </ul>	<b>iPhone: Behaviour tracker pro</b> Monitors and graphs one or more specified behaviors to identity and investigate patterns. Aimed to improve the process of teaching and implementing behaviour strategies  <b>Android: Behaviour Status</b> records challenging behaviour	<b>iPhone: Behaviour tracker pro</b> <ul style="list-style-type: none"> <li>- visual graphs saved to handset or exported to other sources</li> </ul>		Establishing new routines e.g. toilet training Monitoring and comparing behaviour in various environments and with different people. Evaluating the effect of various interventions to encourage/reduce target behaviour Recording effect of a change/intervention measure in a client's environment Improve a family's awareness and understanding of a behaviour
<b>Contacts List</b> <b>Free</b>  <b>Voice Recorder</b> <b>Free</b>  <b>Notes</b> <b>Free</b>	<b>Vlingo: virtual assistant</b> <b>Free</b> <b>Dialer One</b> <b>Free</b>	<b>Memory</b> <ul style="list-style-type: none"> <li>- Recall family and friend's name, contact details and personal information</li> <li>- Recall events and tasks</li> <li>- Recall routine procedures</li> </ul>	<b>iPhone: Contact List:</b> Contact details, nic-names, photographs with notes for each contact. Able to be sorted into categories.  <b>iPhone: Voice Recorder:</b> store auditory notes to be replayed at a later date  <b>iPhone: Notes:</b> visual note pad  <b>Android: Dialer One:</b> filter, group and customise calls	<b>All:</b> Synchronise appointments, events and alarms between phone and computer  Create multiple visual and auditory alerts		<b>Contact List</b> <ul style="list-style-type: none"> <li>- Include data of who the person is, where he knows them from, their address and phone number.</li> <li>- Recall of faces/names</li> <li>- Categorise contacts by social/family group</li> <li>- Grapheme or text prompt for naming skills</li> </ul> <b>Voice Recorder/notes</b> <ul style="list-style-type: none"> <li>- Able to record procedures for regularly forgotten items or important information</li> <li>- Record &amp; listen to songs</li> </ul> <b>Notes</b> <ul style="list-style-type: none"> <li>- Recalling specific procedures e.g. updating photos on facebook, shopping lists</li> </ul>

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<b>Calendar Free</b>  <b>Redo – Task List You Can Reset \$2.49</b>  <b>Errands Free</b>  <b>Picture scheduler \$3.99</b>  <b>Smalltalk Daily Activities Free</b>  <b>To-do Free</b>  <b>Picture Scheduler \$3.99</b>  <b>Class Timetable \$1.99</b>  <b>Sketchbook Mobile \$1.99</b>	<b>Pageonce Travel Free</b>  <b>Dialer One Free</b>  <b>SwiftKey Keyboard \$1.99</b>  <b>AppAlarm Pro Free</b>  <b>Due Today \$2.99</b>  <b>TimeClock - Time Tracker \$3.99</b>	<b>Memory and Executive Functioning</b> <ul style="list-style-type: none"> <li>- Recall</li> <li>- Initiation</li> <li>- Problem solving</li> <li>- Sequencing</li> <li>- Planning/ Organisation</li> <li>- Transitioning between tasks</li> <li>- Categorisation</li> <li>- Increase efficiency and organisation in routine or novel events</li> <li>- Set and stick to appropriate time lengths for tasks</li> <li>- Smooth transitions between tasks</li> <li>- Prioritise tasks</li> </ul>	<b>iPhone: Calendar:</b> day, week, month and yearly planner, audio and visual alarms, additional notes and reminder features <b>iPhone: Errands</b> Task manager to help productivity, prioritization and recollection of important events. <b>iPhone: Smalltalk Daily Activities</b> Provides words related to the Activities of Daily Living, such as bathing, dressing, grooming, and leisure. <b>iPhone: Todo:</b> A set of tools to plan, arrange and synchronise tasks which can be accessed via your phone or computer. It allows priorities and alarms to be set in order for tasks to be planned and executed methodologically. <b>iPhone sketchbook mobile:</b> digital drawing pad <b>iPhone Class Timetable:</b> Organise school or university classes, assignments and events to calendar. Add notes re tasks, readings, lecturers <b>Android: Pageonce Travel:</b> store full itinerary, receive flight change notification, weather, transport and hotel information <b>Android: Due Today</b> create and assign tasks with reminders for daily and prospective productivity	<b>All</b> Categorise and prioritise events Re-use rather than creating new lists Able to sync emails Able to merge contact lists between email and phone Has a completion count down Able to set individual time frames to fit your schedule Email or share lists Categorise list types Picture visuals to assist comprehension <b>iPhone: Errands</b> options to create Folders, Checklists, Task Images, Scheduling & Repeating, Alerts (alarms), Calendar, Mail Tasks, Multiple View Modes and Search <b>iPhone sketchbook mobile:</b> record for people who are not literate or benefit from visual rather than written reminders <b>iPhone: Smalltalk Daily Activities</b> visual and auditory prompts <b>Android: Due Today</b> overdue reminders <b>Android: SwiftKey</b> Keyboard predictive text and phrases. Correct spelling, grammar and syntax, multiple languages <b>Android: TimeClock - Time Tracker</b> time tracker for contractors, lawyers or anyone who bills clients by the hour		<b>Calendar</b> <ul style="list-style-type: none"> <li>- Keep track of appointments, what you need to bring along with you, where the location is etc</li> <li>- Categorise appointments and events into birthdays/work/social etc</li> <li>- Current and prospective planning</li> <li>- Creating contact lists for different groups, keeping up with social networks</li> <li>- Lists of items to bring to appointments, pack on holidays, Christmas card lists etc</li> <li>- Calculate billable hours by price/hour for multiple clients</li> <li>- Discussion about usual daily activities or desired hobbies</li> <li>- Create multiple alerts and repeatable alarms to remind of appointments or tasks to be completed. These can be categorized e.g. daily physiotherapy activities, novel social events and a weekly family dinner</li> </ul>

Smart Phone applications for people with Brain Injury

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[www.TBIStaffTraining.info](http://www.TBIStaffTraining.info)

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<b>iRecorder Pro - Pocket</b> <b>\$2.99</b> <b>Voice Recorder</b> <b>Free</b> <b>Voice Memo Recorder</b> <b>\$1.99</b>	<b>Voice Commands</b> <b>Free</b> <b>Voice Memos</b> <b>Free</b> <b>Vlingo: Words to Action</b> <b>Free</b>	<b>Expressive and Receptive Communication</b> <ul style="list-style-type: none"> <li>- Understand intent, humour, key words</li> </ul> <b>Executive Function</b> <ul style="list-style-type: none"> <li>- Attending appointments</li> </ul> <b>Concentration</b>	<b>iPhone: iRecorder Pro - Pocket</b> voice recorder  <b>iPhone: voice memo recorder</b> voice recorder  <b>Android: Voice Commands</b> controls smart phone with voice rather than touch screen Android: Voice Memos voice recorder  <b>Android: Vlingo words to action</b> voice activated smart phone control. Reads texts/emails etc aloud.	<b>All:</b> Unlimited storage and access to information by synching to home computer. Able to send recordings to other people  <b>iPhone: iRecorder Pro – Pocket</b> high recording quality, visual, auditory and tactile cues with no recording time max. Recordings can be categorised and stored.  <b>iPhone: voice memo recorder</b> records up to 1hour. Store, categorise and prioritise voice recordings	<b>Android: Voice Memos</b> Doesn't send to other users.	Attending medical or medical appointments – recording and recalling the information Recording recommendations given at a store (e.g. purchase of new piece of equipment) Recording pieces of music, interviews, concerts to listen to later or set as ring tone Control the smart phone using your voice rather than the touch screen Load a series of frequently used phrases that can be replayed for others rather than using your voice e.g. in a work situation using the smart phone to speak for you
<b>Sleep Cycle Alarm Clock</b> <b>\$1.19</b>  <b>Shift worker</b> <b>\$2.49</b>		<b>Memory and Executive Functioning</b> <ul style="list-style-type: none"> <li>- Recall</li> <li>- Initiation</li> <li>- Problem solving</li> <li>- Sequencing</li> <li>- Planning/ Organisation</li> <li>- Transitioning between tasks</li> </ul>	<b>iPhone Sleep Cycle Alarm Clock:</b> monitors sleep cycles through an accelerometer and activates alarm during times of 'light sleep' within a previously specified wake up window set  <b>iPhone Shift Worker:</b> organizes shifts by colour or icon across weeks, months or year.	<b>iPhone Sleep Cycle Alarm Clock:</b> keeps a record of sleep cycle, optimizes rest time  <b>iPhone Shift Worker:</b> repeatable function to plan for coming months, visual icons, share shifts with others		Establishing a sleep pattern and healthy rest behaviour Organises work or caring duty shifts to allow for planning and flexibility around commitments

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<b>Budget Protector</b> <b>\$2.99</b> <b>iXpenseIt</b> <b>\$4.99</b> <b>Budget planner</b> <b>\$2.99</b>	<b>Ledgerist</b> <b>\$1.99</b> <b>Money Tracker</b> <b>\$1.00</b>	<b>Executive Functioning</b> <ul style="list-style-type: none"> <li>- Memory</li> <li>- Auditory Recall</li> <li>- Problem, solving</li> <li>- Budgeting and money management</li> </ul>	<b>iPhone:Budget protector</b> sets and monitors debit and credit. <b>Android: Ledgerist</b> register of bank accounts to sort personal finance <b>Android:Money Tracker</b> credit and debit history record	<b>All</b> Management of debit and credit in different environments. Physical prompt re. expenditure <b>iPhone:Budget protector</b> Periodic budget with colour coding to differentiate between credits and debits for visual learners. Categorise and create expenditure history <b>Android: Ledgerist</b> password security, currency exchange, set up repeat transactions		Tax spreadsheets  Access spending history – helps with decision making about suitability for a credit card, large purchase or loan  Create a savings plan to allow e.g. saving for a holiday or car  Tracking salary payments and balance with spending  Schedule periodic payments Create a weekly budget and monitor compliance
<b>Guidepoint vehicle locator</b> <b>Free</b>		<b>Executive Functioning</b> <ul style="list-style-type: none"> <li>- <b>Memory</b></li> <li>- <b>Navigation:</b> Locate car quickly and efficiently</li> </ul>	<b>iPhone: Guidepoint vehicle locator</b> GPS tracking of vehicle	<b>iPhone: Guidepoint vehicle locator</b> Convenient memory visual memory prompt. Need to be a member of guidepoint		Convenient and fast location of car in busy car parks or unfamiliar streets.
<b>Documents to go</b> <b>\$9.99</b> <b>SaveMyDocs Lite</b> <b>Free</b> <b>SaveMyDocs (full)</b> <b>\$3.99</b>	<b>Scan2PDF Mobile 2.0</b> <b>\$6.44</b> <b>DocumentsTo Go Full Version Key</b> <b>\$14.99</b>	<b>Memory and Executive Functioning</b> <ul style="list-style-type: none"> <li>- Access to documents on your smart-phone</li> <li>- Negotiate through and access relevant information in a range of environments to complete work or study tasks</li> </ul>	<b>iPhone and Android: Documents to go</b> tool to edit, create and view Microsoft word and excel documents, view powerpoint & PDF files <b>Android: scan2PDF mobile</b> scans and then saves images to PDF <b>iPhone Savemydocs</b> download and view Microsoft word and excel documents, view powerpoint & PDF files	<b>iPhone:Documents to go</b> option for password protected  <b>iPhone: Savemydocs lite:</b> able to download limited number of documents, the full version allows more documents  <b>iPhone Savemydocs:</b> large document download capacity		Convenient access to information from various documents including word, PDF excel working away from a computer, accessing information from health professional reports Download documents from your email  Able to store information on word documents to recall important information

COMMUNICATION

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<p><b>I translate Free</b></p> <p><b>World Nomads Free</b></p> <p><b>The Oxford Translator Travel Pro \$10 per language</b></p> <p><b>Jibbiggo Voice Translator Various prices</b></p> <p><b>Google translate free</b></p>	<p><b>Google Translate Free</b></p> <p><b>Oxford Translator \$24.99 per language</b></p> <p><b>Jibbiggo Voice Translator Various prices</b></p>	<p><b>Expressive and Receptive Communication</b></p> <ul style="list-style-type: none"> <li>- vocabulary building</li> <li>- sentence formation</li> <li>- Answer questions</li> </ul> <p><b>Executive Functioning</b></p> <ul style="list-style-type: none"> <li>- memory</li> <li>- flexibility</li> </ul>	<p><b>iPhone: i-translate</b> universal translator for 43 languages</p> <p><b>Android google translate:</b> universal translator for 52 languages</p> <p><b>iPhone: world nomads:</b> Categorises basic travel phrases with the written and audio translation</p> <p><b>iPhone and Android: Oxford Translator</b> 5 languages with categorised phrases and teaching program</p> <p><b>iPhone &amp; Android Jibbiggo Voice Translator</b> a bi-directional speech recognition, over 40 000 words and natural voice output for speech-speech translations in a large range of languages</p>	<p><b>iPhone: i-translate:</b> Text to speech option Able to change text size and voice speed</p> <ul style="list-style-type: none"> <li>- alternate between a range of languages to reduce language barriers</li> <li>- learning or re-learning multiple languages</li> </ul> <p><b>Android: google translate:</b> speech conversion only between Spanish and English, supports downloads from 53 languages</p> <p><b>iPhone: world nomads:</b> Easy to navigate between categories and revisit frequently encountered terms</p> <p><b>iPhone and Android: Oxford Translator</b> more comprehensive phrase list</p> <p><b>iPhone &amp; Android Jibbiggo Voice Translator</b> able to translate medical and conversational speech</p>	<p><b>iPhone: world nomads:</b> Not specific to medical phrases with some common phrases missed</p> <p><b>iPhone and Android: Oxford Translator</b> limited number of languages</p>	<p>Establishing new routines e.g. toilet training</p> <p>Monitoring and comparing behaviour in various environments and with different people.</p> <p>Evaluating the effect of various interventions to encourage/reduce target behaviour</p> <p>Recording effect of a change/intervention measure in a client's environment</p> <p>Improve a family's awareness and understanding of a behaviour</p>

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<p><b>Proloquo2go</b> <b>199.99</b></p> <p><b>SmallTalk for Aphasia</b> <b>Free</b></p> <p><b>Speakin Motion</b> <b>Free</b></p> <p><b>ispeech</b> <b>Free</b></p> <p><b>vlingo- voice app</b> <b>Free</b></p> <p><b>IPACS (interactive Picture Assisted Communication System)</b> <b>\$9.99</b></p> <p><b>iLaugh</b> <b>\$2.99</b></p> <p><b>Body Talk</b> <b>\$1.99</b></p> <p><b>icommunicate</b> <b>\$23.99</b></p> <p><b>Comprehension TherAppy</b> <b>\$23.99</b></p> <p><b>Speak It</b> <b>Free</b></p> <p><b>Verbally</b> <b>Free</b></p>	<p><b>Receptive and Expressive Communication</b></p> <ul style="list-style-type: none"> <li>- Vocabulary building</li> <li>- following instructions</li> <li>- pragmatics</li> <li>- AAC</li> <li>- Sentence formulation</li> <li>- Answer questions</li> </ul> <p><b>Executive Functioning</b></p> <ul style="list-style-type: none"> <li>- plan daily routine</li> <li>- transition smoothly between task</li> </ul> <p><b>Client would;</b></p> <ul style="list-style-type: none"> <li>- use an AAC device to communicate with a range of people at home/school etc</li> <li>- use facial expressions and gesture to convey emotions</li> <li>- Generate a personal dictionary for functional vocabulary to aid expression</li> <li>- Develop categorisation skills</li> <li>- Develop planning and organisation skills</li> </ul>	<p><b>iPhone Proloquo2go:</b> AAC tool to allow people to access natural sounding text-to-speech voices, close to 8000 up-to-date symbols, automatic conjugations, a large default and optional expandable vocabulary list. Categorized and easy to negotiate between concepts</p> <p><b>iPhone Smalltalk: Oral motor activities</b> Consists of 52 videos illustrating cheek, tongue, soft palate, lip, and jaw movements that help strengthen the oral musculature.</p> <p><b>iPhone iLaugh:</b> database of jokes</p> <p><b>Smalltalk: Conversational phrases</b> Provides words and phrases commonly used in conversations, such as greetings, responses, requests, and statements about well-being.</p> <p><b>Smalltalk: Consonant blends</b> Contains consonant blends where two or three consonants are blended together, such as “bl” or “str.”</p> <p><b>iPhone Body Talk:</b> learn meaning of extralinguistic cues (gesture, facial expression etc)</p>	<p><b>All:</b></p> <ul style="list-style-type: none"> <li>- Client centered goal planning</li> <li>- Revisit available vocab targets according to individual preference (e.g. those needing time outside of session): independence, autonomy and generalisation</li> <li>- Visual &amp; audio prompts</li> </ul> <p><b>iPhone Proloquo2go:</b></p> <ul style="list-style-type: none"> <li>- 7000 word vocabulary to select from: flexibility and variety in word selection</li> <li>- Text-speech</li> <li>- Male/female/adult/client voices</li> <li>- Pictures, flashcards, story boards</li> <li>- Converts text to speech</li> </ul> <p><b>iPhone Speak it</b></p> <ul style="list-style-type: none"> <li>- Converts text to speech (i.e. adequate typing skills but difficulty with clarity)</li> </ul> <p><b>iPhone iCommunicate</b></p> <ul style="list-style-type: none"> <li>- Pictures, flashcards, story boards</li> <li>- Converts text to speech</li> </ul>		<p>Clients can communicate their needs and wants independently to all conversational partners in all environments</p> <p>Clients can participate in verbal interactions using single words or short phrases</p> <p>Clients can prerecord and then use favourite sayings/phrases/jokes to engage in social relationships</p> <p>Understanding meaning in conversation</p> <p>Planning out a daily routine, explaining what is going to happen next or give the client a visual choice between to options for what will happen next.</p>

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iPhone	Android					
<b>Smalltalk: Oral motor activities</b> <b>Free</b> <b>Smalltalk: Conversational phrases</b> <b>Free</b> <b>Smalltalk: Consonant blends</b> <b>Free</b> <b>Smalltalk: Days, months, dates</b> <b>Free</b> <b>Smalltalk: letters, numbers, colours</b> <b>Free</b>		<b>Receptive and Expressive Communication</b> <ul style="list-style-type: none"> <li>- Vocabulary building</li> <li>- following instructions</li> <li>- pragmatics</li> <li>- AAC</li> <li>- Sentence formulation</li> <li>- Answer questions</li> </ul> <b>Executive Functioning</b> <ul style="list-style-type: none"> <li>- plan daily routine</li> <li>- transition smoothly between task</li> </ul> <b>Client would;</b> <ul style="list-style-type: none"> <li>- use an AAC device to communicate with a range of people at home/school etc</li> <li>- use facial expressions and gesture to convey emotions</li> <li>- Generate a personal dictionary for functional vocabulary to aid expression</li> <li>- Develop categorisation skills</li> <li>- Develop planning and organisation skills</li> </ul>	<b>iPhone Smalltalk: days, months, dates</b> series of speech-exercise videos, each illustrating the tongue and lip movements necessary to produce the days of the week, months of the year, and ordinal numbers 1st through 31st. <b>iPhone Smalltalk: letters, numbers, colours</b> provides a series of speech-exercise videos, each illustrating the tongue and lip movements necessary to produce the 26 letters of the English alphabet, numbers 1–20, and primary colors <b>iPhoneComprehension TherAppy</b> Targets auditory and reading comprehension at a single word level which practices matching spoken words, pictures and written words for nouns, verbs and adjectives	<b>iPhone Smalltalk: for Aphasia, ispeech, speaking motion, vlingo &amp; iCommunicate</b> <ul style="list-style-type: none"> <li>- Interactive communication board</li> <li>- Translates speech to text</li> <li>- Use of pictures, flashcards, story boards and visual routines</li> </ul> <b>iPhone IPACS</b> <ul style="list-style-type: none"> <li>- Voice output (recorded speech sample or computer generated speech )</li> </ul> <b>iPhoneComprehension TherAppy</b> <ul style="list-style-type: none"> <li>- 3 levels of difficulty:</li> <li>- Aphasia friendly vocab</li> </ul>		Clients can communicate their needs and wants independently to all conversational partners in all environments Clients can participate in verbal interactions using single words or short phrases Clients can prerecord and then use favourite sayings/phrases/jokes to engage in social relationships Understanding meaning in conversation Planning out a daily routine, explaining what is going to happen next or give the client a visual choice between to options for what will happen next.

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<b>ArtikPix- Full</b> <b>\$36.99</b> <b>/r/ intensive</b> <b>SLP</b> <b>\$19.99</b> <b>Mobile</b> <b>articulation</b> <b>probe</b> <b>\$29.99</b> <b>iKnow Phonics</b> <b>– Consonants I</b> <b>\$1.99</b> <b>iKnow Phonics</b> <b>– Vowels I</b> <b>\$1.99</b> <b>iKnow Phonics</b> <b>– Vowels II</b> <b>\$1.99</b> <b>Small Talk –</b> <b>consonant</b> <b>blends</b> <b>Free</b> <b>Small Talk –</b> <b>phonemes</b> <b>Free</b> <b>Small Talk –</b> <b>letters,</b> <b>colours,</b> <b>numbers</b> <b>Free</b> <b>Small Talk –</b> <b>days, months,</b> <b>dates</b> <b>Free</b>	<b>Kids Alphabet</b> <b>\$1.49</b>	<b>Expressive</b> <b>Communication</b> <ul style="list-style-type: none"> <li>- Articulation</li> <li>- Phonology</li> <li>- Production of clear speech sounds in isolation, syllables, words, phrases, sentences and conversation in all environments</li> </ul> <b>Family and Client</b> <b>Autonomy</b> <ul style="list-style-type: none"> <li>- Tool to assist the education for families with unlimited memory, access in and outside of the clinic</li> </ul> <b>Phonemic Awareness</b> <ul style="list-style-type: none"> <li>spelling</li> <li>rhyming</li> <li>reading</li> </ul>	<b>iPhone:ArtikPix</b> flashcard matching and articulation game for teaching and training clear speech sounds <b>iPhone:/r/ intensive</b> teaching and training /r/. Sound to phrase level <b>iPhone:i-know phonics</b> letter and sound matching and articulation at various degrees of complexity <b>Android: Kids Alphabet</b> teaching and training knowledge and articulation of English letters <b>iPhone:Small talk</b> series of speech exercises for understanding and producing phonemes, consonants and key concepts.	<b>iPhone: ArtikPix- Full:</b> Good for visual learners (picture flash cards – 560 in total, and colour coding), uses matching games to engage the client or client, able to take your own data to monitor progress over time (motivating), randomised word order, sound practice in initial, medial and final word position. Audio, visual, voice recording and data scoring options  <b>iPhone: Mobile Articulation Probe:</b> tracks progress visually, works towards goals to motivate the client or client, lots of repetition, able to use for assessment and therapy  <b>iPhone:/r/ intensive</b> over 450 words within a set hierarchy of ascending difficulty		Increase amount of practice and ease of recollection for clients who find it difficult to attend therapy appointments Able to be used in all environments with speech samples sent to the speech pathologist, stored and analysed on a computer, Clients with e.g. <ul style="list-style-type: none"> <li>- dysarthria</li> <li>- apraxia</li> <li>- developmental phonological impairment</li> <li>- developmental articulation impairment</li> </ul> Clients can communicate basic concepts (letters, colours, numbers, day, month and year) e.g. to demonstrate orientation to time place and person, to identify a birth day or important date, to request a particular item colour or number.

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<p><b><u>Comprehension Therapy</u></b> \$24.99</p> <p><b><u>Naming Therapy</u></b> \$24.99</p> <p><b><u>Describing Words</u></b> \$0.99</p> <p><b><u>Nouns 1</u></b> \$0.99</p> <p><b><u>Verbs 1</u></b> \$0.99</p>		<p><b>iPhone: Comprehension Therapy</b> Auditory Comprehension, Reading Comprehension, Receptive Aphasia, Alexia, Attention, Auditory Processing, Receptive</p> <p><b>iPhone: Naming Therapy</b> Verbal Expression, Confrontation Naming, Responsive Naming, Circumlocution, Word-Finding, Repetition, Describing, Semantic Memory, Semantic Feature Analysis, Cued Lexical Retrieval</p> <p><b>iPhone: Nouns 1:</b></p> <p><b>iPhone: Verbs 1</b></p> <p><b>iPhone: Describing Words</b></p>	<p><b>iPhone: Comprehension Therapy</b> Digital videos to teach the meaning of various general communication skills such as being the importance of e.g. answering the door or making a telephone call with visual and auditory support. Videos demonstrating the skill with audio description of what the skill means.</p> <p><b>iPhone: Naming Therapy</b> Teaching and testing the naming, circumlocution or word retrieval of over 500 nouns categorised by animals, body parts, clothing, etc at single word level. Including picture, written word and audio word to suit the learning requirements of the individual. Includes phonemic, functional use and category prompts</p> <p><b>iPhone: Nouns 1:</b> Digital videos to teach the meaning of various nouns with visual and auditory support.</p> <p><b>iPhone: Verbs 1</b> Digital videos to teach the meaning of various verbs with visual &amp; auditory support.</p> <p><b>iPhone: Describing Words</b> Digital videos to teach the meaning of various adjectives with visual and auditory support.</p>	<p><b>iPhone: Comprehension Therapy</b> Nouns are pre-loaded into the app, need to purchase verbs and adjectives (\$4.49) for access. Able to select between audio, visual or audio and visual data. Email test results, email or re- test. No learning items – solely a test set. Able to change settings according to difficulty (easy, medium or hard), the number of choices (2, 3, 4, 6) the number of items in the test (10, 25, 50, 100) and set a default email to send the results to (e.g. personal or clinician).</p> <p><b>iPhone: Naming Therapy</b> Nouns are categorised to focus on particular learning requirements Graded cuing hierarchy to prompt or teach vocabulary terms. Complete the test then email or try the test again. Able to change settings according to the number of trials (10, 25, 50, 100) and set a default email to send the results to (e.g. personal or clinician).</p> <p><b>iPhone: Nouns 1:</b> Able to create individual vocabulary practice sets and assignments (by adding users: select the ‘administrators’ icon and selecting the vocab goals) Difficult to go ‘back’ need to instead exit the program and re-enter. Limited to pictures – not video data</p> <p><b>iPhone: Verbs 1</b> Able to create individual vocabulary practice sets and assignments (adding users: select ‘administrators’ icon, select vocab goals) Difficult to go ‘back’ need to instead exit the program and re-enter Has 80 items with static pictures, written word and video data</p> <p><b>iPhone: Describing Words</b> Able to create individual vocabulary practice sets and assignments (by adding users: select the ‘administrators’ icon and selecting the vocab goals) Difficult to go ‘back’ need to instead exit the program and re-enter. Has 80 items with static pictures, written word and video data</p>	<p><b>iPhone: Comprehension Therapy</b> Learning new and remembering old vocabulary terms categorised by noun, verb and adjectives. Track progress over time</p> <p><b>iPhone: Naming Therapy</b> Learning new and remembering old vocabulary terms categorised by animals, body parts, clothing, concepts, food, furnishings, objects, people, places and sports Track progress over time</p>	

Smart Phone applications for people with Brain Injury

C1\_Smartphone\_applications\_information\_for\_clinicians\_V1\_10\_Oct11.pdf

[www.TBIStaffTraining.info](http://www.TBIStaffTraining.info)

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<b>Personal Social Skills</b> <b>\$0.99</b>  <b>Initiating Social Skills – Workplace</b> <b>\$0.99</b>  <b>Everyday Social Skills</b> <b>\$0.99</b>  <b>Communication Skills</b> <b>\$0.99</b>		<ul style="list-style-type: none"> <li>- initiating and maintaining conversation</li> <li>- re-engaging in workplace relationships</li> <li>- re-engaging with community</li> <li>- making requests, asking and answering questions</li> <li>- making friends</li> </ul>	<p><b>iPhone: Personal Social Skills</b>  videos to teach e.g. being dependable or polite with visual and auditory support. It includes a video &amp; an audio description of the skill.</p> <p><b>iPhone: Initiating Social Skills – Workplace</b>  videos to teach interactions with colleagues e.g. introducing yourself or joining a group with visual &amp; auditory support. It includes a video &amp; an audio description of the task.</p> <p><b>iPhone: Everyday Social Skills</b>  videos to teach e.g. waiting in lines or asking for help with visual and auditory support. It includes a video &amp; an audio description of the skill.</p> <p><b>iPhone: Communication Skills</b>  Videos to teach e.g. listening, answering the door or making a telephone call with visual and auditory support. It includes a video &amp; an audio description of the skill.</p>	<p><b>iPhone: Personal Social Skills</b>  Able to create skill practice or reminder sets personalised for the user (by adding users: select the ‘administrators’ icon and selecting the desired skills)  Difficult to go ‘back’ need to instead exit the program and re-enter  All skills have both written word and video data</p> <p><b>iPhone: Initiating Social Skills – Workplace</b>  Able to create task practice or reminder sets personalised for the user (by adding users: select the ‘administrators’ icon and selecting the desired skills)  Difficult to go ‘back’ need to instead exit the program and re-enter  All skills have both written word and video data</p> <p><b>iPhone: Everyday Social Skills</b>  Able to create skill practice or reminder sets personalised for the user (by adding users: select the ‘administrators’ icon and selecting the desired skills)  Difficult to go ‘back’ need to instead exit the program and re-enter  All skills have both written word and video data</p> <p><b>iPhone: Communication Skills</b>  Able to create skill practice or reminder sets personalised for the user (by adding users: select the ‘administrators’ icon and selecting the desired skills)  Difficult to go ‘back’ need to instead exit the program and re-enter  All skills have both written word and video data</p>	<p><b>iPhone: Personal Social Skills</b></p> <ul style="list-style-type: none"> <li>- using basic literacy skills</li> <li>- understanding particular signs in the environment</li> <li>- developing social skills specific to the individual’s personal situation and goals</li> </ul> <p><b>iPhone: Initiating Social Skills – Workplace</b></p> <ul style="list-style-type: none"> <li>- using basic literacy skills</li> <li>- understanding particular social cues in the workplace</li> </ul> <p><b>iPhone: Everyday Social Skills</b></p> <ul style="list-style-type: none"> <li>- using basic literacy skills</li> <li>- understanding and interacting appropriately in daily social exchanges</li> <li>- developing social skills specific to the individual’s personal situation and goals</li> </ul> <p><b>iPhone: Communication Skills</b></p> <ul style="list-style-type: none"> <li>- using basic literacy skills</li> <li>- conversing with a variety of listeners in routine and novel interactions</li> <li>- developing communication skills specific to the individual’s personal situation and goals</li> </ul>	

<p><b>Pictello</b> \$14.99</p>		<p><b>Receptive and Expressive Communication</b></p> <ul style="list-style-type: none"> <li>- Vocabulary building</li> <li>- following instructions</li> <li>- pragmatics</li> <li>- social stories</li> </ul>	<p><b>iPhone: Pictello</b> : a visual story creation tool where pictures and sound are used to record and store personally relevant topics, memories or a prompt for therapy recommendations</p>	<p><b>iPhone: Pictello:</b> Preloaded social stories, online tutorials for a visual based dynamic social story and procedure generator. Personalised audio.</p>	<p>Creating a social story about various topics such as going back to school, starting a relationship, completing a job interview etc. Personal recount modality for people to express their experiences Recording a therapy program (e.g. a physio workout) Creating a procedure for an ADL (e.g. how to make scrambled eggs) Creating an 'about me' information source Flash cards (e.g. receptive and expressive vocab building, word retrieval)</p>
<p><b>hearin' helper</b> \$8.99 <b>SoundAMP R</b> \$4.99</p>	<p><b>Smart Hearing Aid</b> \$1.99</p>	<p><b>Receptive Communication</b> Listening <b>Safety</b></p>	<p><b>iPhone: hearin' helper &amp; iPhone:soundAMP R &amp; Android Smart Hearing Aid</b> assistive listening device by amplifying noise through the microphone</p>	<p><b>All:</b> assists to amplify soft or distant sounds. Alternative to using an FM hearing system in the classroom or lectures <b>iPhone: hearin' helper</b></p> <ul style="list-style-type: none"> <li>- Good for clients who have specific needs for hearing amplification</li> <li>- Has 4 hearing profiles options to suit different hearing loss configurations</li> </ul> <p><b>iPhone: SoundAMP</b></p> <ul style="list-style-type: none"> <li>- Can adjust volume</li> <li>- Can replay messages you missed (up to 30 sec)</li> </ul>	<p>Listening to family or friends in a restaurant or environment with background noise</p> <p>Eliminating auditory distractions from the environment</p> <p>Allowing access to auditory information in an education or work setting such as a large conference room or lecture hall</p> <p>Alternative to hearing aids should they be unavailable or a non-preferred item for the client</p> <p>Recollection of stored messages to facilitate recall of recommendations or instructions given verbally</p>

<p><b>FreeSaurus – the free thesaurus Free Dictionary.com Free WolframAlpha Free GRE Vocabulary Flashcards &amp; Quick Reference - LITE Free LSAT Course: reading comprehension \$4.99 LSAT Course - Arguments (Logical Reasoning) \$4.99 Wikipanion Free Analogies Ace - GRE Prep \$3.99</b></p>	<p><b>Dictionary Free WolframAlpha Free Kaplan GRE Exam Vocabulary CoursePro \$4.99</b></p>	<p><b>Receptive and Expressive Communication</b></p> <ul style="list-style-type: none"> <li>- Vocabulary building</li> <li>- Word retrieval</li> <li>- Summarising</li> <li>- Prioritising information</li> <li>- Comprehension of written material of various complexity</li> <li>- Analogies</li> <li>- Abstract concepts</li> <li>- Argument development</li> <li>- Vocabulary building</li> <li>- Understand and use new words</li> <li>- Understand and summarise written text of increasing length and complexity</li> </ul> <p><b>Reading and Writing</b></p> <ul style="list-style-type: none"> <li>- Sentence formulation</li> <li>- Grammar</li> <li>- Improve semantic network</li> <li>- Synonym/antonym</li> <li>- Key word vocabulary</li> <li>- Abstract concepts</li> <li>- Complex concepts</li> <li>- generating and editing written responses</li> </ul>	<p><b>iPhone &amp; Android: Dictionary.com</b> Includes nearly 2,000,000 words, definitions, synonyms and antonyms. It also features audio pronunciation, voice-to-text search and Word of the Day and Hot Word blog. <b>iPhone: LSAT series:</b> full course information and testing to supplement learning opportunities on chosen subjects <b>iPhone:Wikipanion</b> navigation and display of wikipedia entries <b>iPhone:Analogies</b> practice understanding and generating analogies</p> <p><b>Android &amp; iPhone: WolframAlpha:</b> information network for maths, science, engineering, linguistics, health, music, history etc</p>	<p><b>All:</b> Able to change font size Able to create word lists Can read and listen to text Key word and concept storage</p> <p><b>iPhone &amp; Android: Dictionary.com</b> over 325,000 words and 300,000 synonyms. Text and audio options, spelling suggestions</p> <p><b>iPhone:Analogies</b> 200 analogies with detailed answers</p> <p><b>iPhone:Wikipanion</b> table of contents, multiple search methods, dual language searching, bookmark preferred or frequently accessed pages, save images.</p> <p><b>Android &amp; iPhone: WolframAlpha:</b> multiple search options, save content of particular interest. Able to ask questions verbally with hands free or type query</p>	<p>Allows clients to engage needs of repetitive practice by increasing opportunities to complete specific tasks e.g. word finding, sentence or definition generation, reading, information searches etc in situations outside of the clinic e.g. on the train, waiting for appointments, completing crosswords</p> <p>Independently write letters/essays/emails</p> <p>Researching items of interest</p> <p>Understanding ambiguous texts or meanings in conversation</p> <p>Investigating and gathering information from a variety of sources to increase knowledge</p> <p>Recalling and categorising information from areas of particular interest for study or leisure</p>
<p>Smart Phone applications for people with Brain Injury</p>		<p>- self monitoring - self corrections</p>			

<p><b>DAF Assistant</b>  <b>\$12.99</b>  <b>Fluency Tracker</b>  <b>\$8.99</b>  <b>Fluency Exam</b>  <b>\$4.99</b></p>	<p><b>Stuttering</b>  <b>\$1.34</b></p>	<p><b>Expressive Communication</b></p> <ul style="list-style-type: none"> <li>- Fluency</li> <li>- Smooth speech</li> </ul> <p><b>Family Autonomy</b></p> <ul style="list-style-type: none"> <li>- Tool to assist the education for families with unlimited memory, access in and outside of the clinic</li> </ul> <p><b>Fluency Goals</b></p> <ul style="list-style-type: none"> <li>- Control speech fluency, slow down speech rate</li> <li>- Production of smooth speech</li> <li>- Monitor frequency of dysfluent speech , presence of avoidance behaviours and their feelings about speaking</li> </ul>	<p><b>iPhone: DAF Assistant: (delayed auditory feedback)</b> delays voice to ears and alters the frequency to achieve speech goals.</p> <p><b>iPhone:Fluency tracker</b> record the frequency of dysfluent speech, associated <b>behaviours/emotions</b></p> <p><b>iPhone:Fluency Exam</b> records and rates the frequency of <b>dysfluent speech</b></p> <p><b>Android:</b> Stuttering information about stuttering and management strategies</p>	<p><b>iPhone: DAF Assistant:</b> visual feedback system</p> <p><b>iPhone:Fluency tracker:</b> visual record of where, when, and who with the dysfluency occurred to investigate trends, includes analysis of avoidance behaviours</p> <p><b>iPhone:Fluency Exam:</b> visual rating scale</p>	<p><b>Android: Stuttering</b> fluency strategy ideas. Information resource only.</p>	<p>Able to send results from home practice to the speech pathologist to track progress outside of the clinic setting.</p> <p>Able to synchronise to computer for storage or further analysis</p> <p>Able to recall strategies recommended by speech pathologist in a range of environmental settings.</p> <p>Able to monitor characteristics of speech fluency in different environments and times to establish patterns</p> <p>Share information with others about the nature of dysfluent speech and effective communication strategies</p>
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<p><b>Pitch Primer</b> \$4.99 <b>Pianist</b> \$3.99</p>	<p><b>Tuner</b> \$0.99</p>	<p><b>Expressive and Receptive Communication</b></p> <ul style="list-style-type: none"> <li>- Use of intonation and volume in conversation to emphasise key words, intended meaning, differentiate between a question and statement and indicate level of interest</li> </ul>	<p><b>iPhone:Pitch</b> Primer stores and analyses speech or music <b>iPhone:Pianist</b> virtual piano, metronome and recorder <b>Android:Tuner</b> measures sound pitch and intensity</p>	<p><b>All:</b> Visual cues and feedback e.g. likert scales and data sheets Convenient and portable speech ratings Able to be stored onto external hard drives, sent to other people Practice speech goals in various environments to facilitate generalisation <b>iPhone: Pitch Primer</b> creates graph of pitch and volume, zoom in and out for voice fragments, 6 different temperaments and set scales <b>iPhone:Pianist</b> visual piano, able to pace and monitor volume speech or music with metronome, store samples</p>	<p><b>Android:Tuner</b> specific for musical instruments</p>	<p>Store, re-listen and share a speech sequence to analyse meaning (e.g. when learning to identify sarcasm)</p> <p>Tune instruments</p> <p>Measure and monitor pitch and volume. Real time and post analysis</p> <p>Increased opportunities to practice of pitch scales and alternating volume in and outside of the therapy room</p> <p>Increase awareness of therapy goals and implications of speech tone and rate using bio-feedback</p> <p>Slow rate of speech, play back, recall and copy speech and voice characteristics</p>
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DAILY TASKS

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<b>Magnifier lens \$0.99</b>  <b>Magnifier Free Free</b>  <b>Eye glasses \$2.99</b>	<b>Magnifying Glass Free</b>	<b>Accessibility</b> <b>Safety</b> <b>Receptive and Expressive Communication:</b> <ul style="list-style-type: none"> <li>- reading</li> <li>- writing</li> </ul>	<b>iPhone and Android: Magnifying lens/magnifying glass magnifier for text and images</b>  <b>iPhone: Eye glasses:</b> Device for far-sighted individuals (i.e. people who use reading glasses or bifocals)	<b>All:</b> Portable magnification tool  <b>iPhone: Magnifying lens</b> magnification up to 7.2X image  <b>iPhone: Magnifier free</b> magnification up to 4X image  <b>iPhone Eye glasses:</b> Portable magnification tool (up to 8 X image)	Dependent on smart phone case	Reading fine print in magazines or contracts Negotiating maps  Examining small items of interest (e.g. jewellery, stamps, nature, inscriptions, engravings)

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<b>RTA NSW Free</b> <b>RTA DKT Free</b> <b>Safari/Google Free</b> <b>iRecorder Pro - Pocket Voice Recorder \$2.99</b> <b>NRMA Free</b> <b>Where To? - GPS points of interest \$2.99</b> <b>Show the Loo Free</b>	<b>NavigationS Free</b> <b>Drivers Ed \$2.99</b>	<b>Memory and Executive Functioning</b> <ul style="list-style-type: none"> <li>- Recall</li> <li>- Auditory recall</li> <li>- Initiation</li> <li>- Practice of complex information</li> <li>- Relearn road rules</li> <li>- Return to driving</li> </ul> <b>Visuospatial skills</b> <ul style="list-style-type: none"> <li>- Geographical</li> <li>- Orientation and navigation</li> </ul>	<b>Navigation</b> Determine and track your location, get directions, alter your route and share destinations with others.  <b>iPhone: RTA DKT practice</b> driver knowledge prior to sitting a test. <b>iPhone show the loo:</b> location and features of closest toilet with directions re route for prompt navigation	<b>All</b> Repetitive access to information Unlimited storage Revisit information to ensure accurate recollection of spoken information		NRMA location in the case of a flat tire/car accident. Immediate request for assistance, NRMA able to locate vehicle using GPS should the client be unable to communicate Convenient access to information to sit for drivers licence, increase road rules study time by allowing more opportunities to read and review the information Locating: - Food & Drink: restaurants, bars, cafés, pubs - Services: Banks, ATMs, automobile repair, computer repair, delivery services, gas stations - Shopping: Apple Stores, clothing, groceries, electronics, toys - Entertainment: movie theaters, night clubs, gyms, museums - Travel & Transportation: car rental stations, hotels, taxi cabs, train and bus stations - Health & Medical: hospitals, doctors - Attractions: art galleries, parks, spas, zoos - Education: kindergartens, schools, universities

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<b>Pack and Go</b> <b>\$0.99</b>		<b>Memory and Executive Functioning</b> <ul style="list-style-type: none"> <li>- Item generation</li> <li>- Organisation</li> <li>- Improve efficiency finding required items</li> <li>- Develop categorisation skills</li> </ul>	<b>iPhone: pack and go:</b> packing travel checklist and automated task reminder system	<b>iPhone: pack and go</b> Generate outing specific packing lists Re-use old lists Has visual check-off list		<b>Packing for a holiday</b> <ul style="list-style-type: none"> <li>- Create a new, or use a pre-loaded list of items to pack for specific holidays</li> <li>- Create or use pre-loaded task list to complete prior to going on holiday</li> <li>- Prioritise and categorise packing process</li> <li>- Monitor task completion to keep on task.</li> </ul>
<b>small talk dysphagia</b> <b>Free</b>  <b>i-swallow Free</b>		<b>Dysphagia</b> <ul style="list-style-type: none"> <li>- Compliance with modified diet and fluid recommendations</li> <li>- Compliance with strategies to reduce risk of aspiration</li> <li>- Record of SP and medical recommendations</li> <li>- Client would learn and use safe swallowing strategies at home/community</li> <li>- Client would explain nature of diet/fluid modification or recommendations</li> </ul>	<b>iPhone: Smalltalk Dysphagia &amp; i-swallow</b> Provides a set of icons and phrases that allow clients to communicate their swallowing needs to caregivers and health-care providers who are helping them to eat, drink and take medications.  <b>iPhone:i-swallow</b> video and written reminders of how to carry out swallow exercises	<b>iPhone: Smalltalk Dysphagia &amp; i-swallow</b> SP can use videos of treatment techniques to demonstrate strategies and recommendations to client Client can use the tool as a reminder Can be used in other environments promoting generalisation		Eating and drinking safely at home, at restaurants, social engagements, work etc. Record of diet/fluid recommendations to give to an unfamiliar person (e.g. in an emergency situation) Recall of strategies (auditory and visual information) Clients can communicate the specific food or fluid modifications or strategies that they require to family members, caregivers, and health-care providers, waiters

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<p><b>All recipes</b></p> <p><b>Free</b></p> <p><b>ozShops: Supermarkets \$0.99</b></p> <p><b>How to Cook Everything \$4.99</b></p> <p><b>Grocery gadget lite Free</b></p> <p><b>ShopShop – shopping list Free</b></p>	<p><b>Out of Milk Free</b></p> <p><b>Smart Shopper Free</b></p> <p><b>Best Buy iFood</b></p> <p><b>Assistant by Kraft Free</b></p>	<p><b>Memory and Executive Functioning</b></p> <ul style="list-style-type: none"> <li>- <b>Meal Preparation</b> <ul style="list-style-type: none"> <li>o Decision making</li> <li>o Generate lists</li> <li>o Locate and gather ingredients</li> <li>o Follow instructions</li> </ul> </li> <li>- <b>Problem Solving</b></li> <li>- <b>Sequencing</b></li> <li>- <b>Organisation</b></li> <li>- <b>Idea generation</b></li> <li>- <b>Prioritisation</b></li> </ul>	<p><b>iPhone: All Recipes</b> A library of recipes with nutritional information, ingredient searches, serving suggestions, alternative serving size and ingredient amounts, shopping lists, favourite recipe saved, rated and shared with photos and comments.</p> <p><b>iPhone: ozshop supermarkets</b> locator for major s e.g. Coles, Woolworths, ALDI, IGA, Franklins, Good guys, Kmart. GPS directions</p> <p><b>Android: Out of Milk</b> assimilates a shopping, pantry and to-do list with a record of prices and grand total of expenditure</p> <p><b>Android: Best Buy</b> access to catalogues by category for purchasable items comparing prices and features. Purchase online</p> <p><b>Android: Smart shopper</b> scans products and provides information regarding similar products and recommended price.</p>	<p><b>All:</b></p> <p>Use or edit old shopping lists</p> <p>Timer and alarm</p> <p>Share new recipes with friends</p> <p>Visuals</p> <p><b>iPhone: ozshop supermarkets</b></p> <p>Prompt location of nearby shops with directions.</p> <p><b>iPhone: All Recipes</b> Search by preferred ingredients/time to cook/meal type/meal preparation complexity</p> <p><b>Android: Out of Milk</b></p> <p>Running total of purchase cost display</p> <p><b>Android: Best Buy</b> product reviews, phone help line, reward system for purchase deals</p> <p><b>Android: iFood Assistant</b> 7000 recipe, recipe of the day, video demonstrations</p>	<p><b>Android: Smart shopper</b> US currency only, mostly limited to online stores.</p>	<p>Planning and making meals</p> <p>Grocery shopping (list generation and categorisation of items by isle)</p> <p>Planning catering events e.g. cooking for one or more people single or multiple dishes within a set time frame. Searching for recipes to cater for dietary requirements e.g. vegetarian</p> <p>Social recipe sharing e.g. for attending baby showers, afternoon teas</p> <p>Convert amounts of ingredients required according to serving number</p> <p>Finding an substitute ingredient should one be unavailable</p>

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<p><b>PCalc Lite Calculator Free</b></p> <p><b>PCalc RPN Calculator \$9.99</b></p> <p><b>Percentally \$2.99</b></p>	<p><b>Financial Calculator Free</b></p> <p><b>Sale Percent Calculator \$0.99</b></p>	<p><b>Arithmetic and Expressive/Receptive Language</b></p> <ul style="list-style-type: none"> <li>- Understand and answer mathematical and functional questions</li> </ul> <p><b>Executive Functioning</b></p> <ul style="list-style-type: none"> <li>- Initiation</li> <li>- Problem solving</li> </ul>	<p><b>iPhone: PCalc RPN Calculator</b> full scientific calculator</p> <p><b>Android: Financial Calculator</b> full financial calculator</p>	<p><b>All:</b> Convenient access to information Able to store information for access at a later time</p> <p><b>iPhone: PCalc RPN Calculator</b> calculator with unit conversions, a paper tape, an RPN mode, engineering and scientific notation, hexadecimal, octal and binary calculations tools</p> <p><b>iPhone: PCalc lite Calculator</b> does not include scientific notation or complex task tools</p> <p><b>Android: Financial Calculator</b> depreciation values and time value of money tool with interest rate, present and future value features.</p>		<p>Calculating accumulative cost when shopping and the expected change Determining price for items on sale Calculating mortgage or car loans Determining amount of ingredients required depending on serving number Bill paying or sharing at restaurants Converting foreign currencies Calculate answers to mathematical questions in the work, study or community environment</p>
<p><b>Safe Note Free</b></p> <p><b>e-wallet \$9.99</b></p> <p><b>Find My iPhone Free</b></p>	<p><b>LogMeIn Ignition \$29.99</b></p> <p><b>Keeper® Password &amp; Data Vault Free</b></p> <p><b>Password Safe Free</b></p>	<p><b>Memory</b></p> <ul style="list-style-type: none"> <li>- Immediate access to important information in a secure system</li> </ul>	<p><b>iPhone: Safe Note Free and ewallet</b></p> <p><b>iPhone: find my phone</b> device location using GPS mapping</p>	<p><b>Password Wallet:</b> able to synchronize Password Wallet files to your Mac If found please: displays customized information as background wallpaper</p> <p><b>iPhone: find my phone</b> allows you to locate phone on a map, emit a sound for 2 minutes, lock the phone or permanently erase all personal data.</p>		<p>Store notes with restricted access e.g. for passwords, bank or credit card numbers, and other important personal information. Should you lose your phone, your contact details can be displayed as the wallpaper Should you lose your phone track the location, wipe the information or send a message to the finder Save and access: Passwords, PIN Numbers, Calling Cards, User Names, Credit Cards, Health Info, Bank Accounts, Memberships and Travel Clubs</p>

Smart Phone applications for people with Brain Injury

C1\_Smartphone\_applications\_information\_for\_clinicians\_V1\_10\_Oct11.pdf

[www.TBIStaffTraining.info](http://www.TBIStaffTraining.info)

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<b>Units</b> <b>\$0.99</b> <b>Kitchen Calculator PRO</b> <b>\$3.99</b>	<b>Currency Guide</b> <b>\$1.49</b> <b>gUnit Converter - Full</b> <b>Free</b>	<b>Arithmetic</b> <ul style="list-style-type: none"> <li>- Unit and currency conversion tool</li> </ul> <b>Executive Functioning</b> <ul style="list-style-type: none"> <li>- Flexible and independent calculation skills</li> </ul>	<b>iPhone: Kitchen Calculator:</b> Unit Conversion Tool to independently comply with or change ingredient amounts  <b>Android: gUnit Converter - Full</b> measurement converter tool	<b>Units</b> – also has a ruler Multi Convert – Featuring more than 800 units in over 40 categories  <b>Android: gUnit Converter - Full</b> 2000 units in 30+ categories including Length, Temperature, Speed, Volume, Weight, Area, Currency conversions. It also has support for user preferences.		Convert recipe measurements  Convert exchange rates  Measures distances  Converts speeds (e.g. between miles and kilometers)

MEDICAL

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<p><b>Epilepsy Guide</b> Free</p> <p><b>Epilepsy i-pocketcards</b> 3.99</p> <p><b>My Epilepsy Diary</b> Free</p>	<p><b>My Epilepsy Diary</b> Free</p>	<p><b>Executive Functioning</b></p> <ul style="list-style-type: none"> <li>- <b>Memory</b></li> <li>- <b>Recall</b></li> <li>- <b>Medical information record</b></li> </ul> <p>Client would use an electronic system to contact family/friends/medical specialist should an emergency arise in the community</p>	<p><b>iPhone: Epilepsy Guide:</b> The National Society for Epilepsy app provides clear and concise information for dealing with epilepsy. It has information about medication, epilepsy facts, first aid, when to call emergency and a recovery guide. It has a personalized seizure diary and 'my seizure' monitoring system. The information can be accessed and shared to other professionals or important contacts.</p>	<p><b>iPhone: Epilepsy Guide:</b> Comprehensive resource for clinicians, clients and significant others with visual and auditory information and alarms.</p> <p><b>iPhone and Android: My Epilepsy Diary:</b> record real-time details about seizures, medications, side effects, moods, triggers, and you can even include detailed notes</p> <p><b>iPhone and Android: My Epilepsy Diary:</b> record of personal factors relating to epilepsy</p>		<p>Record of their medical background in an emergency situation</p> <p>Procedure for what to do in case of seizure</p> <p>Good for clients who may have a communication impairment that would restrict their ability to explain their background in an emergency situation</p> <p>Notifies family/friends/medical team over email/SMS regarding geographical location and personal safety</p> <p>Visual and auditory information about the name, dosage and instructions for taking personal medications. Able to change regime as required, incorporates an alarm system to assist with recall.</p>

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<b>Small Talk Pain Scale</b> <b>Free</b> <b>Small Talk Intensive Care</b> <b>Free</b> <b>i-pills</b> <b>Free</b>	<b>Medication Reminder</b> <b>Free</b>	<b>Expression severity and location of pain</b>  <b>Express needs/wants using AAC device.</b> <b>Specific vocabulary for ICU setting</b>  <b>Memory</b>  <b>Medical information record</b>	<b>iPhone Small Talk Pain Scale</b> Contains pain descriptions and images from the Wong-Baker Faces Pain Scale.  <b>iPhone Small Talk Intensive Care</b> Provides words and phrases that a client in an ICU needs to communicate to medical caregivers describing pain, feelings, and medical needs.  <b>iPhone i-pills and Android:</b> Medication reminder Set up your medication routine with a record of each medication, dosage, timing and specific instructions.	<b>All:</b> AAC device easily stored and placed at client's bedside Consistent medication reminder device to be carried over from hospital to home  <b>iPhone Small Talk Intensive Care &amp; Pain Scale</b> visual and auditory information specific vocab AAC system  <b>iPhone i-pills and Android: Medication reminder</b> Includes a picture and description of the pill to keep track of what you've taken and when		Clients can communicate the level and type of pain to family members, caregivers, and health-care providers  Clients can communicate their needs and feelings to medical-care providers in the ICU, such as "I have chest pain" and "I want a doctor."  Client can explain medication to doctors, recall medication, comply with medical recommendations, increase autonomy of medication regime  Monitor Compliance with medication recommendations

CARERS

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
Phone	Android					
<p><b>myCareTime</b> <b>\$1.99</b></p> <p><b>Caregiver Apps</b> <b>\$0.99</b></p> <p><b>Caregiver Free</b></p> <p><b>Pain Care Free</b></p> <p><b>iBiomed: Free</b></p>	<p><b>Tell My Geo</b> <b>\$9.95 per month</b></p>	<p><b>Executive Functioning</b></p> <ul style="list-style-type: none"> <li>- Prioritising tasks</li> <li>- Balance work and rest</li> <li>- Share workload</li> </ul> <p><b>Safety</b></p> <ul style="list-style-type: none"> <li>- Location of smart phone user</li> </ul> <p><b>Medical</b></p> <ul style="list-style-type: none"> <li>- Medication management</li> <li>- Giving medical history</li> </ul>	<p><b>iPhone My Care Time:</b> time log and schedule of carer tasks and duties</p> <p><b>iPhone Caregiver apps:</b> database of apps relevant to a caregiver role. Apps are categorised into topics such as Mood Lifters, Relaxion, Memory &amp; Focus, Health Tracker, Communication/ Autism, Dialysis, Alzheimer’s, Diabetes, Sobriety</p> <p><b>Android Tell My Geo:</b> A personal-health-record app allowing a carer to link their smart phone to a tracker on their client’s phone and car.</p> <p><b>iPhone Personal Caregiver:</b> a personal medication scheduler with details regarding prescription warnings, directions for use, drug interactions, side effects, storage and dosage instructions</p> <p><b>iPhone Pain Care:</b> electronic pain scale journal where a client can indicate pain levels by touching frowning or smiling faces, as well as location, duration, characteristics, mood and triggers.</p>	<p><b>iPhone My Care Time:</b> Multiple client lists and projects with unlimited task scheduling. Timer feature for accurate and reliable time expenditure measurement</p> <p><b>iPhone Caregiver apps:</b> Database of resources with a wide range of categories allowing for flexibility and change in apps used as the client’s needs changes or new technology comes available.</p> <p>Not a therapeutic focus.</p> <p><b>Android Tell My Geo:</b> GPS tracker of the client’s phone and car. Higher cost app which is reliant on the client having the app with them at all times.</p> <p><b>iPhone Personal Caregiver:</b> Source for up to date medical information by alerts from the Food and Drug Administration. Opportunity to access more detailed medication information with a \$9.99 premium edition.</p> <p><b>iPhone Pain Care:</b> Compares new and old symptoms with a personal record of medical history, health professionals involved in the client’s care. The data stored can be shared among clinicians.</p>		<p><b>iPhone My Care Time:</b> Assist carers to maintain a work-life balance, or create equality in services to their different clients</p> <p><b>iPhone Caregiver Apps:</b> resource kit for their clients who are highly distractible and require a range of options to choose from. Provides the carer a holistic database to meet their changing needs over time</p> <p><b>Android Tell My Geo</b> Increase client’s independence by travelling with GPS tracker to identify location in the case of an emergency.</p> <p><b>iPhone Caregiver:</b> Medication management. The prescription refills and schedule can be updated and used in conjunction or in place of a webster pack.</p> <p><b>iPhone Pain Care:</b> Monitoring and managing pain symptoms, medications, and communicate this with their physicians by reporting the episodes, triggers, and medications related to their pain. For clients who have difficulty establishing cause and effect of pain. Data can be shared instantly with a physician who can adjust medications and treatments accordingly.</p>

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
			<p><b>iPhone iBiomed:</b> Task manager for carer tasks specific to the client's specific needs.</p>	<p><b>iPhone iBiomed:</b> one source for all medical history and medication. Includes a discussion forum to discuss and consult with others in a similar situation (social and support network)</p>		<p><b>iPhone iBiomed:</b> clients and carers have a mobile treatment log book for prescriptions, supplements, therapies, diets, allergies and tests. This can be shared with health care professionals, clients and carers can search for journals for such items as foods, side effects and reactions; treatment and prescription refill reminders. They can create customizable graphs to establish insight into their or their client's care. They are also able to ask advice and share stories with other caregivers through an online forum for a supportive network.</p>

SOCIAL

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<p>iPhone and Android Internet Access</p> <p>Bus/ferry/train timetable</p> <p>Wikipedia</p> <p>Google mobile</p> <p>Facebook/email</p> <p>Movies</p> <p>Restaurants</p> <p>Maps</p> <p>Games</p> <p>News e.g. CNN Yellow/ white pages</p> <p>City maps 2go</p> <p>Transport info line</p> <p>Metro sydney</p> <p>Funworks</p> <p>Calendar</p> <p>Ebay/amazon</p> <p>Tiketec</p> <p>Free</p>		<p>Safari</p> <p>Safety</p> <p>Information retrieval</p> <p>Facebook</p> <p>Social networking</p> <p>Organising</p> <p>Information gathering</p> <p>Memory</p> <p>Metro Syndey</p> <p>Using public transport to get to and from events</p> <p>Access to information instantly</p> <p>Organise time</p> <p>Games</p> <p>Following instructions and new procedures</p> <p>Entertainment</p> <p>Memory of instructions</p> <p>Relax;</p> <p>games/competitions</p>	<p><b>Safari:</b> Surf the internet, bookmark favourite sites, share and print information. Zoom features allows easy browsing and page negotiation.</p> <p><b>Facebook:</b> Facebook allows people to stay connected and share information with friends. Conversations can be started via chat, messages, group messages and photo comments. You are able to access photos, status updates, look up a phone number, or upload your own mobile photos to Facebook while out.</p> <p><b>Metro Sydney</b> Database of public transport timetables for Sydney’s train, ferry and bus in your pocket. Able to save favourite routes and search destinations</p> <p><b>Games</b> Brain game with a number of levels played via touch screen. Provides hints and error checks. Able to save and return to old games</p>	<p><b>Website specific</b></p>		<p><b>Safari</b> Searching for restaurants close by Sending or receiving emails Looking up current news information including traffic updates, movie times , address and reviews of a specific venue Checking phone numbers , alternative contact information and opening hours for companies and shops Purchase items online, comparing prices, quality and product reviews – decision making practice Buy tickets online Initiate and organise activities to attend with friends/family Independently get to and from destinations Relax or keep occupied with games and competitions Staying up to date with current events Convenient and prompt access to information in relation to location, interest areas, current events, social networking</p> <p><b>Facebook</b> Initiate and organise activities to attend with friends/family Upload and share photos Reconnect with friends</p> <p><b>Metro Syndey</b> Access timetables, alter route and</p>

Applications and Price	Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
					<p>mode of transport to get to and from destinations and alter plans as required</p> <p>Using public transport to get to and from events</p> <p>Reduce risk of missing transport &amp; maximise time use</p> <p><b>Games</b></p> <p>Entertainment and diversion when waiting for an appointment, waiting for family when out shopping or at a restaurant, travelling on public transport or in the car.</p>

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<b>Various games e.g. Sudoku Free Chess Free Brain Trainer Free Scrabble \$2.99 Ticket master Free</b>	<b>Various games e.g. Solitaire Free Chess Free Sodoku Free</b>	<b>Social</b> - Entertainment <b>Receptive language</b> - following instructions and new procedures <b>Executive Functioning</b> - Memory <b>Expressive language</b> - Word retrieval <b>Entertainment</b> - Playing games when waiting or travelling in a situation where there are limited options to occupy their time. - Independently follow instructions for new and old games - Independently retrieve and spell familiar words correctly	<b>Sudoku:</b> Brain game with a number of levels played via touch screen. Provides hints and error checks. Able to save and return to old games. <b>Ticket master Online</b> store for ticket sales to various types of events (music, shows, comedy etc). Able to select seating and locate event destination. <b>Scrabble:</b> word game using limited number of letters <b>Chess: strategy</b> turn taking board game	<b>Sudoku</b> - incorrect answers shown in red - 'hints' option - 4 levels of difficulty - save and store game information  <b>Chess</b> - automatic save and store information - 1 or 2 player mode - undo function  <b>Brain Trainer</b> - track and save progress visually - multiple levels of difficulty - large variety of game options		Entertainment and diversion when waiting for an appointment, waiting for family when out shopping or at a restaurant, travelling on public transport or in the car.  Pursuing activities and games of interest able to play and compete with friends/family

PAEDIATRIC APPLICATIONS

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iPhone	Android					
<b>Baby Sign ASL \$4.99</b> <b>Tap to Talk Free</b> <b>Proloquo2go \$199.99</b> <b>autism xpress Free</b> <b>tapspeak \$9.99</b> <b>IPACS (interactive Picture Assisted Communication System) \$9.99</b> <b>iPrompts \$49.99</b> <b>iConverse \$12.99</b> <b>iCommunicate \$5.99</b>	<b>Vlingo: Words to Action Free</b> <b>Sign \$1.99</b>	<b>Receptive and Expressive Communication</b> <ul style="list-style-type: none"> <li>- Vocabulary building</li> <li>- following instructions</li> <li>- pragmatics</li> <li>- AAC education, therapy and use tool</li> <li>- Synonyms</li> <li>- Sentence formulation</li> </ul> <b>Pragmatics</b> <ul style="list-style-type: none"> <li>- Emotions</li> <li>- Non-verbal communication</li> </ul> <b>Executive Functioning</b> <ul style="list-style-type: none"> <li>- Memory</li> <li>- Recall</li> <li>- Initiation</li> <li>- Problem solving</li> <li>- Sequencing</li> <li>- Organisation</li> <li>- Transitioning between activities</li> </ul> <b>Family Autonomy</b> <ul style="list-style-type: none"> <li>- Education for families with unlimited memory, access in and outside of the clinic</li> </ul>	<b>iPhone Baby Sign and Android Sign:</b> sign language phrase book (text and video) <b>iPhone Tap to Talk:</b> AAC device with preset + customisable vocab and picture list <b>iPhone iConverse</b> simple AAC device which displays 6 different icons representing basic needs <b>iPhone iPACS</b> Customisable tool for drills, establishing routines, picture identification natural voice recordings <b>iPhone Proloquo2Go:</b> AAC tool to allow people to access natural sounding text-to-speech voices, close to 8000 up-to-date symbols, automatic conjugations, a large default and optional expandable vocabulary list. Categorized and easy to negotiate between concepts <b>Android Vlingo</b> text to voice translation	<b>iPhone Baby Sign and Android Sign:</b> good for clients who learn best using repetition and visuals to understand and express emotions, has a video phrase book of 229 signs across a range of categories <b>iPhone Tap to Talk:</b> great for visual and auditory learners (uses pictures and verbal output), engages client using games, over 2500 pictures to choose from, able to add your own then categorise pictures/photos/sounds <b>iPhone Proloquo2go:</b> 7000 word vocabulary to select from. This allows flexibility and variety in word selection <b>iPhone autism xpress:</b> engages visual learners with animations and interactive situations <b>iPhone tapspeak:</b> mechanical switch to identify basic vocabulary great for clients with limited mobility or benefit from visuals <b>iPhone IPACS:</b> great for visual learners as the voice output corresponds to pictures and symbols, able to select a core or personally relevant vocabulary		Explaining frustrations, discussing an exciting or scary event, Voice output can gain attention in an emergency or to something interesting Planning a daily routine, the client could have more control in what they do, how they spend their time At school: alternative for raising their hand Teaching and learning new words The client can watching 'movies' to encourage motivation to learn about new concepts Alternative or augmentative device to use with or without speech. Therapy tasks: selecting and practicing a core vocabulary for clientren e.g. with dyspraxia Use of an AAC device to communicate with a range of people at home/school etc The client can use facial expressions and gesture to convey emotions The client can generate a personal dictionary for functional vocabulary to aid expression facilitates development of categorisation skills

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
				<p><b>iPhone iPrompts:</b> helping visual learners to transition between activities, prepare for their day and engage in one activity at a time</p> <p><b>iPhone iCommunicate:</b> visual schedule and a picture exchange system to help plan and transition through their day</p>		

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
iTake Turns \$1.99  Expressionist \$36.99		<b>Expressive Communication</b> <ul style="list-style-type: none"> <li>- Pragmatics</li> <li>- Sentence formulation</li> <li>- AAC</li> </ul> <b>Family Autonomy</b> <ul style="list-style-type: none"> <li>- Tool to assist the education for families with unlimited memory, access in and outside of the clinic</li> </ul>		<b>iPhone I Take Turns:</b> Uses pictures and sounds to engage visual and auditory learners  <b>iPhone Expressionist:</b> helps visual learners understand and use facial expressions and gesture to convey meaning		Group games, one on one conversations  Client would take turns in games, conversation, completing chores  Client would use and respond to a range of facial expressions to convey meaning
PCalc Lite Calculator Free PCalc RPN Calculator \$9.99 Percentally \$2.99	<b>Financial Calculator Free</b> <b>Sale Percent Calculator \$0.99</b>	<b>Executive Functioning</b> <ul style="list-style-type: none"> <li>- Memory</li> <li>- Recall</li> <li>- Initiation</li> <li>- Problem solving</li> </ul> <b>Expressive and Receptive Language</b> <ul style="list-style-type: none"> <li>- Understand and answer mathematical and functional questions</li> </ul>	<b>iPhone: PCalc RPN Calculator</b> full scientific calculator <b>Android: Financial Calculator</b> full financial calculator	<b>All:</b> Convenient access to information Able to store information for access at a later time <b>iPhone: PCalc RPN Calculator</b> calculator with unit conversions, a paper tape, an RPN mode, engineering and scientific notation, hexadecimal, octal and binary calculations tools <b>Android: Financial Calculator</b> depreciation values and time value of money tool with interest rate, present and future value features.	<b>iPhone: PCalc lite Calculator</b> does not include scientific notation or complex task tools	Client would increase practice of specific maths questions to improve understanding of the concept and ability to independently answer maths questions for school subjects  Client would calculate the cost of items at a shop and expect the correct change  High school students would complete higher level functions including unit conversions, a paper tape, multiple undo and redo, engineering and scientific notation, as well as support for hexadecimal, octal, and binary calculations.

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<b>Pitch Primer</b> <b>\$4.99</b> <b>Pianist</b> <b>\$3.99</b>	<b>Tuner</b> <b>\$0.99</b>	<b>Expressive and Receptive Communication</b> <ul style="list-style-type: none"> <li>- Use and understanding of intonation</li> <li>- Use and understanding of volume</li> <li>- Understand intent, humour, key words</li> </ul> <b>Family Autonomy</b> <ul style="list-style-type: none"> <li>- Tool to assist the education for families with unlimited memory, access in and outside of the clinic</li> </ul>	<b>iPhone:Pitch</b> Primer stores and analyses speech or music <b>iPhone:Pianist</b> virtual piano, metronome and recorder <b>Android:Tuner</b> tool that measures sound pitch and intensity	<b>All:</b> Visual cues and feedback e.g. likert scales and data sheets Convenient and portable speech ratings Engages learning strengths e.g. repetition Able to set exercises to work through e.g. pitch scales Able to be stored onto external hard drives, sent to other people Practice speech goals in various environments to facilitate generalisation <b>iPhone: Pitch Primer</b> creates graph of pitch and volume, zoom in and out for voice fragments, 6 different temperaments and set scales <b>iPhone:Pianist</b> visual piano, able to pace and monitor volume speech or music with metronome, store samples	<b>Android:Tuner</b> specific for musical instruments	Store, re-listen and share a speech sequence to analyse meaning (e.g. when learning to identify sarcasm)  Tune instruments  Measure and monitor pitch and volume. Real time and post analysis Client would use intonation to indicate if they are asking a question or making a statement  Client would use intonation to emphasise a key word, to convey intended meaning, level of interest and humour  Client would monitor and use appropriate volume in range of environments

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<p>FreeSaurus – the free thesaurus Free Dictionary.com Free GRE Vocabulary Flashcards &amp; Quick Reference - LITE Free Wikipanion Free iPractice Verbs Free Wh questions \$10.99 Sentence Builder \$14.99 Question Builder \$3.99</p>	<p>FlashCards \$0.99 CoursePro PowerVocab Ultra Edition \$2.99 Syrious Scramble Full \$2.99 Dictionary Free WolframAlpha Free Kaplan GRE Exam Vocabulary Free</p>	<p><b>Expressive Communication</b></p> <ul style="list-style-type: none"> <li>- Sentence formulation</li> <li>- Conversation Skills</li> <li>- Pragmatics</li> <li>- Grammar</li> <li>- Improve semantic network</li> <li>- Synonym/antonyms</li> <li>- Key word vocabulary</li> </ul> <p><b>Receptive Communication</b></p> <ul style="list-style-type: none"> <li>- Abstract concepts</li> <li>- Complex concepts</li> <li>- Functional questions</li> <li>- Understanding and use of verbs</li> </ul> <p><b>Reading and Writing</b></p> <ul style="list-style-type: none"> <li>- as above</li> <li>- generating and editing written responses</li> <li>- self monitoring</li> </ul>		<p><b>All:</b> <b>Able to be used in all</b> environments with topics of interest and newly learnt words sent to the speech pathologist, stored and analysed on a computer, completing crosswords independently write letters/essays/emails etc Researching items of interest <b>iPhone Thesaurus:</b> able to change font size to compensate for visual impairment, able to create word lists according to topics of interest, has text or voice option <b>iPhone GRE vocabulary flashcards:</b> able to be used as an assessment and therapy tool, tracks progress visually <b>iPhone Wh questions:</b> monitor progress through % correct scores <b>iPhone Sentence builder:</b> pictures and words engages visual and auditory learners, animations to encourage/motivate client, lots of repetition <b>iPhone Question builder:</b> pictures, animations and audioclips engages visual and auditory learners, 3 levels of complexity</p>		<p>Client would learn to understand and use “Where”, “Who”, “what”, “How”, “Why” questions</p> <p>Client would increase practice and skill formulating sentences appropriately in conversation and in writing tasks</p> <p>Client would independently seek the definition of unknown words Increase practice interpreting and expressing analogies</p> <p>improve scope and flexibility of their semantic network</p> <p>Client would increase practice and skill to construct syntactically and grammatically correct sentences in written and verbal tasks</p> <p>Improve use of a range of connecting words</p> <p>Comprehend and ask abstract questions</p> <p>Client would increase practice and skill to infer a conclusion or cause from available information</p>

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<p>readR 2 Free LSAT Course: reading comprehension \$4.99 LSAT Course - Arguments (Logical Reasoning) \$4.99</p>	<p>Reading Flash Cards Free meStudying Reading \$4.99 English Reading Skills III \$3.00</p>	<p><b>Receptive and Expressive Communication</b></p> <ul style="list-style-type: none"> <li>- Research</li> <li>- Sentence formulation</li> <li>- Grammar</li> <li>- Improve semantic network</li> <li>- Synonym/antonyms</li> <li>- Key word vocabulary</li> <li>- Abstract concepts</li> <li>- Complex concepts</li> <li>- Functional questions</li> </ul> <p><b>Reading and Writing</b></p> <ul style="list-style-type: none"> <li>- generating and editing written responses</li> <li>- self monitoring</li> <li>- self corrections</li> </ul>	<p>iPhone readR 2 reads the browser</p> <p><b>iPhone LSAT Course reading comprehension</b> comprehensive practice tool with both theory and practice questions</p> <p><b>Android: meStudying</b> Reading tool kit for learning and testing reading skills</p> <p><b>Android: English Reading Skills</b> word selection and sentence completion activities</p> <p><b>Android: Reading Flash Cards</b> sight word list practice</p>	<p><b>All:</b> Practice understanding ambiguous texts or meanings in conversation Studying effectively Recalling and categorising information</p> <p><b>iPhone readR 2</b> reads the browser aloud and creates bookmarks to return to preferred topics</p> <p><b>iPhone Reading Comprehension:</b> topic specific questions to match with the client's areas of interest, repetitive practice with visual prompting. Includes main idea, extension, description, application and tone questions.</p> <p><b>iPhone ReadR:</b> integrates multi-sensory stimuli (word, picture and speech), able to pause and repeat information</p> <p><b>Android: Reading Flash Cards</b> over 200 sight words (a list of common words required to achieve reading fluency). The application allows the user to select different word groups according to level</p> <p><b>Android: meStudying</b> Reading High level reading practice generating a main idea, summaries, organising, establishing patterns, text tone and inferences</p>		<p>Client would use the internet to access search engines, news, social networking sites</p> <p>Client would generate the main idea from a text</p> <p>Client would provide a prompt and accurate answer to a specific question</p> <p>Client would identify the intended meaning from the 'tone' of the question</p> <p>Client would follow reading comprehension strategies independently to improve speed and accuracy</p>

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<p>iStudiez Pro \$2.99 AlgebraPrep: Real Numbers Free Khan Academy: Calculus 4 Free Khan Academy: Algebra 2 Free Khan Academy: Chemistry 4 Free Khan Academy: Trigonometry Free Khan Academy: Differential Equations 1 Free Miller Analogies Test (MAT) Exam Prep \$4.99</p>	<p>Course Pro \$2.82 Study Droid Free High School Biology Study Aid \$1.99 Algebra Tutor Free</p>	<p><b>Executive Functioning</b></p> <ul style="list-style-type: none"> <li>- Memory</li> <li>- Recall</li> <li>- Initiation</li> <li>- Problem solving</li> <li>- Sequencing</li> <li>- Organisation</li> <li>- Transitioning between activities</li> </ul>	<p><b>iPhone iStudiez Pro tool</b> to organize homework, timetable and assignments. <b>iPhone AlgebraPrep Study aid</b>, algebraic concept and practice question resource <b>iPhone Khan Academy options</b> educational guide on a number of topics. <b>Android Course Pro back to school app</b> to organize homework, timetable and assignments. <b>Android Study Droid study aid.</b> Create flash cards for quizzes and vocab exams <b>Android High School Biology Study Aid</b> Biology term and concept database <b>Android Algebra Tutor</b> algebra lessons, tutorials and test resource</p>	<p><b>All</b> Benefits for clients who have memory or organisation problems; uses timelines, alarms and notifications to keep to due dates, those who require repetition and who have memory problems requiring visual reminders of mathematical concepts <b>iPhone iStudiez Pro</b> assimilate and categorise timetables, add notes e.g. office hours, affiliation, phone number and email address. <b>iPhone AlgebraPrep Practice tests</b>, get answer feedback, and watch instructional videos <b>iPhone Khan Academy</b> video demonstrations on content for specific topics of interest <b>Android High School Biology Study Aid</b> over 1200 vocab terms and associated concepts. Includes multiple-choice quizzes, flashcards, glossary, and searchable dictionary <b>Android Algebra Tutor</b> step by step solutions and immediate scoring and progress graph</p>		<p>Client would manage school schedule, independently track assignments, plan for exams</p> <p>Client would independently carry out mathematical tasks, applying complex concepts to a range of activities including;</p> <ul style="list-style-type: none"> <li>- Problem solving tasks</li> <li>- Applying a concept/following instructions</li> </ul> <p>Client would recall, for example, mathematical and scientific rules to apply to specific problems.</p> <p>The client would practice areas of specific difficulty at home</p> <p>Clients would recall and apply study and comprehension strategies to improve understanding of complex texts.</p>

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<u>Pictello</u> \$14.99		<b>Receptive and Expressive Communication</b> <ul style="list-style-type: none"> <li>- Vocabulary building</li> <li>- following instructions</li> <li>- pragmatics</li> <li>- social stories</li> </ul>	<b>iPhone: Pictello</b> : a visual story creation tool where pictures and sound are used to record and store personally relevant topics, memories or a prompt for therapy recommendations	<b>iPhone: Pictello:</b> Preloaded social stories, online tutorials for a visual based dynamic social story and procedure generator. Personalised audio.		Creating a social story about various topics such as going back to school, starting a relationship, completing a job interview etc. Personal recount modality for people to express their experiences Recording a therapy program (e.g. a physio workout) Creating a procedure for an ADL (e.g. how to make scrambled eggs) Creating an 'about me' information source Flash cards (e.g. receptive and expressive vocab building, word retrieval)

Applications and Price		Performance Indicators and Goals	Description	Strengths	Limitations	Where you can use it
<p>Various games e.g. <b>Memory Match Free</b></p> <p><b>Tone Pad Free</b></p> <p><b>ABC letter tracing lite Free</b></p>	<p>Various games e.g. <b>Kid Colouring and Kid Paint Free</b></p> <p><b>Crossword Kid Free</b></p> <p><b>Kid Memory Free</b></p>	<p><b>Social</b></p> <ul style="list-style-type: none"> <li>- Entertainment</li> </ul> <p><b>Receptive language</b></p> <ul style="list-style-type: none"> <li>- following instructions and new procedures</li> <li>- matching tasks</li> </ul> <p><b>Executive Functioning</b></p> <ul style="list-style-type: none"> <li>- Memory</li> </ul> <p><b>Expressive language</b></p> <ul style="list-style-type: none"> <li>- Word retrieval</li> <li>-</li> </ul>	<p><b>iPhone letter tracing lite and Android: Kid Colouring and Kid Paint</b> colouring and painting tool using fingers</p> <p><b>iPhone Tone pad</b> music creation and listening device</p> <p>Android: <b>Crossword Kid</b> crosswords at varying levels of difficulty</p> <p><b>iPhone Memory Match and Android: Kid Memory</b> game to improve memory skills (matching images)</p>	<p><b>iPhone Memory match:</b> Matching game with various levels of difficulty, auto save and store results, visual and auditory stimulation</p> <p><b>iPhone Tone pad</b> Unlimited creation of music, share with friends, visual and auditory stimuli</p> <p><b>iPhone ABC letter tracing lite</b> Error correct feature, sound and visual effects, track progress and save scores</p> <p><b>Android: Kid Colouring and Kid Paint</b> add in personal pictures or pre-loaded images to add to or alter</p> <p><b>Android: Crossword Kid</b> able to synch results on facebook and twitter</p> <p><b>Android: Kid Memory</b> various difficulty levels</p>		<p>Entertainment and diversion when waiting for an appointment, waiting for family when out shopping or at a restaurant, travelling on public transport or in the car.</p> <p>The client would independently follow instructions for new and old games</p> <p>The client would recall simple procedures</p> <p>The client would learn to trace and compose letters of the alphabet</p> <p>The client would learn to match and sequence speech and non-speech sounds</p>

For more information about the applications specific to different carriers please refer to the following websites:

**Apple:**

<http://www.apple.com/au/iphone/apps-for-iphone/#heroOverview>

<http://www.apple.com/webapps/>

<http://www.cnet.com.au/top-100-iphone-apps-339290773.htm>

<http://iphoneapplicationlist.com/apps/>

**Android:**

[http://eyes-free.googlecode.com/svn/trunk/documentation/android\\_access/apps.html](http://eyes-free.googlecode.com/svn/trunk/documentation/android_access/apps.html)

<http://www.appbrain.com/>

**Nokia:**

<http://www.nokia.com.au/apps-maps-and-more/oviw>

<http://betalabs.nokia.com/apps>

**Windows:**

<http://www.microsoft.com/windowsphone/en-au/apps/default.aspx>

<http://www.microsoft.com/web/gallery/categories.aspx>

<http://www.winapplist.com/>

<http://www.gizmodo.com.au/2011/04/the-best-windows-phone-7-apps/>

**Blackberry:**

<http://appworld.blackberry.com/webstore/>

<http://au.blackberry.com/services/applications.jsp>

<http://www.squidoo.com/blackberryapps>