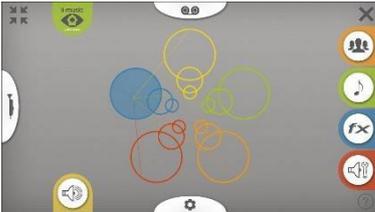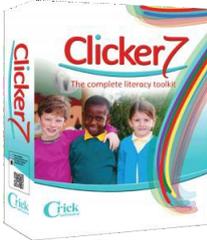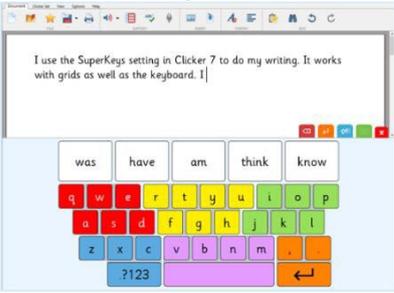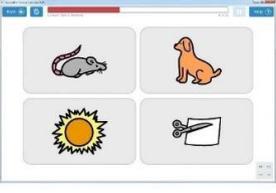# Eye Gaze Accessible Software

Some software has been designed specifically for use with eye gaze while others have inbuilt settings to support a range of access methods including eye gaze. In addition to these, a wider range of software and websites may be accessed using eye gaze when the system is setup to perform a wider range of computer control functions such as single and double clicks.

Name	Description	Key Features
Inclusive Eye Gaze Learning Curve	Collection of software designed to teach eye gaze skills from experimental learning to choosing independently. Titles include: - Attention and Looking - Tracking, fixating, locating - Exploring and Playing - Take turns, explore, choose anything - Choosing and Learning Preferred choices, linear choices, multiple choices Includes analysis tools (recording, heat maps, line trace) to record and review a student's eye gaze performance. Guidebooks are available. A free demo (14 days) is available to download. Cost: $799.99 for full pack.	✓ Games ✓ Inbuilt analysis ✓ Adjustable settings for each activity; limited personalisation with photos etc.
MAGIC EYE FX	Collection of software designed to teach eye gaze skills from experimental learning to choosing independently. Divided into 5 levels: - Blank screen engagement - Object Displacement - Zoned Focusing - Active Exploration - Controlled Targeting Many activities in the early levels feature high contrast images. A free demo (30 days) is available to download. Cost: $799.00. No analysis unless using external program such as Gaze Viewer.	✓ Games ✓ Some customisation options
Look to Learn	Collection of software designed to teach eye gaze skills from experimental learning to choosing independently. 40 activities divided into 5 levels: - Sensory - Explore - Target - Choose - Control Some games feature analysis tools (heat maps). A workbook is available. A limited trial version is available to download.	✓ Games ✓ Inbuilt analysis ✓ Customisation options

Look to Learn: Scenes and Sounds	Available as an expansion pack for Look to Learn. Focuses on developing eye gaze skills through interactive scenes, music, and sound. Some games feature analysis tools. A limited number of games are included in the Look to Learn trial download.	✓Games ✓ Inbuilt analysis ✓ Customisation options
Inclusive Technology Eye Can Fly	This game comprises several activities and mini games where the student can fly a plane and explore the landscape using their eye gaze. It is made specifically for eye gaze users and has a very mainstream game feel – with 3D graphics, levels to unlock and a coin collecting points system. A free demo (14 days) is available to download. Cost: $320.00 single user.	✓Game ✓ Teaches early geography concepts
Dotty Games	The Dotty games software contains 6 interactive games that are designed for early computer use. The games are eye gaze, switch, and touch screen compatible. The games offer different variations of cause-and-effect activities and provide audio visual feedback. A free demo version with a limited selection of games is available to download.	✓Games
Timocco	A selection of games to provide interactive and motivating opportunities. Results from each game are recorded to enable tracking of progress. Timocco is available as an online game. A downloaded version of Timocco- on-Accent is available on Accent communication devices to be used offline. A free trial version (14 days) is available online.	✓Games ✓ Inbuilt analysis ✓ Customisation options
ii-Music	A musical instrument designed to be played with your eyes. Includes a range of instruments, sound effects and the ability to record your performances. Operates using cursor position and "dwell to click".	✓ Instrument ✓ Access to curriculum

Eyeharp 	EyeHarp is digital musical instrument that can be played using your eyes. You can play notes simply by looking at them on the screen. Free 1-month trial, software needs to be downloaded from www.eyeharp.org and used with an eye tracker. Subscription options include daily $1.50, monthly $23; yearly $230 or one time purchase $890.	✓ Instrument ✓ Access to curriculum
HelpKidzLearn games& activities 	An online subscription-based software packet that contains a widerange of games that are accessible with eye gaze and other access methods. The software contains an inbuilt eye gaze accessibility feature,and provides a downloadable guide describing the eye gaze control settings for each activity. A range of activities for varying levels are included. A free trial with limited games is available online.	✓ Games ✓ Access to curriculum ✓ Online
Ginger Tiger 	A subscription-based collection of online games, some of which are eye gaze accessible with an inbuilt eye gaze setting. Games are categorised into: - Cause & Effect - Basic Skills - Timing - Math - Speech & Language - Language Arts A 7-day free trial is available online. $12.50/month, $125/year 	✓ Games ✓ Access to curriculum ✓ Some Customisation options ✓ Online
SENICT Software 	An online subscription-based software package that contains a range of applications to build basic computer skills. The software is accessible with eye gaze (Inbuilt feature), but is also accessible with switch, touchscreens, and mouse. The activities can be downloaded to play offline. A 7-day free trial is available online. Free downloads also available. 	✓ Games ✓ Some Customisation options ✓ Online

Boardmaker Online	Boardmaker online is a subscription-based program that enables the creation of personalised symbol-based activities for recreation and learning and offers access to a large bank of online community activities. Teachers can assign students tasks and activities while tracking their progress. A 30 day free trial is available. Boardmaker online has an inbuilt eye gaze accessibility feature (mouse pause) that can be set for individual activities and students. Other versions of Boardmaker do not currently have this inbuilt feature, although may be accessed with eye gaze control functions set up to perform a single left click.	✓ Access to curriculum ✓ Many customisation options ✓ Progress reporting ✓ Online
ChooseIt! Maker 3	ChooseIt! Maker 3 is an online subscription-based program to create personalised learning materials. Student progress in each activity can be recorded. Activities can be shared between online accounts. Supports a range of access methods including inbuilt eye gaze accessibility. 2 week free trial available. Note: ChooseIt! Ready-Mades literacy, numeracy and science series do not have inbuilt eye gaze access settings but may be used with the eye gaze systems set up to perform a single left click.	✓ Access to curriculum ✓ Many Customisation options ✓ Progress reporting ✓ Online
Clicker 7	Literacy software which offers support for learners with reading and writing difficulties. The software can help children in planning and writing their ideas and includes text-to-speech, word prediction and spelling support. Keyboard options include SuperKeys which provides large targets to enlarge clusters of letters. Clicker 7 is compatible with multiple access methods including eye gaze access. A 28 day free trial is available to download.	✓ Access to curriculum ✓ Customisation options ✓ Communication
Accessible Literacy Learning (ALL) for Windows	A software program designed to teach basic reading skills to students who use AAC. The program follows the ALL Reading Program and has an inbuilt eye gaze accessibility feature. ALL is only available in US English. A free trial is available to download.	✓ Access to curriculum ✓ Customisation options ✓ Progress reporting

Snap Scene	Snap Scene is a scene-based communication and language learning software It enables personal photos to be tagged with recordings to enable communication. When you look at or tap on a hotspot a recorded message will be heard and the word will appear on the screen to reinforce word meaning and literacy. Recordings can be done in a familiar voice. It is eye gaze accessible. A lite version is available to download and is limited to 10 scenes.	✓Communication ✓Customisation options
Tobii Dynavox Communicator 5	Communicator 5 is a communication software for Windows with symbol-based and text-to-speech vocabulary options. It offers tools for computer access, email, text messaging, phone calls, social media, environmental control (with compatible hardware). The software is customisable, and a wider range of page sets are available through the online community Tobii Dynavox Pageset Central. A 30 day free trial is available to download.	✓Communication ✓ Customisation options ✓ Environmental Controls ✓ Built in applications ✓ Can use as a controller for other programs ✓ Games
Grid 3	Grid 3 is a communication software for Windows with symbol- based and text-to-speech vocabulary options. It offers tools for computer access, email, text messaging, phone calls, social media, environmental control (with compatible hardware) and some games. The software is customisable, and a wider range of page sets are available through the online community Online Grids. A 60 day free trial is available to download.	✓Communication ✓ Customisation options ✓ Environmental Controls ✓ Built in applications ✓ Can use as a controller for other programs ✓ Games
TD Snap for Windows	TD Snap for Windows is a symbol-based communication software. The software is customisable. It includes core based, text based and aphasia specific page sets. It is also possible to purchase PODD 15 and 60 page sets for an additional cost. It is able to be linked to Communicator 5 software for increased access to tools beyond communication. A free trial is available for Windows 10. A full version of Snap + Core First with speaking capabilities is included with Tobii Dynavox I-Series+ devices.	✓Communication ✓Customisation options

NuVoice	NuVoice is a communication software that runs on Accent dedicated communication devices. The software offers a range of symbol and text-to-speech vocabulary options with some including pages for environmental controls, phone and computer access. A range of access methods are supported including eye gaze.	✓Communication ✓ Customisation options ✓ Environmental Controls ✓ Can use as a controller for other programs
Mind Express 5	Mind Express 5 is a customisable dynamic display software program that runs on Windows computers or communication devices. It includes page sets for symbol-based communication, text-to-speech communication, educational activities, email, phone, internet browsing and calendar. Mind Express supports a range of access methods including eye gaze.	✓Communication ✓ Customisation options ✓ Environmental Controls ✓ Can use as a controller for other programs ✓ Games
Gaze Viewer	Gaze viewer is an assessment tool that can provide information on the student's viewing patterns. Using this program, you can: - Record eye tracking data from any application, i.e. when watching a YouTube clip or reading a book together. - View what the student looks at, the order they viewed items in, and where they fixated with heat maps and gaze plots. - Save images from the recording or a video. This can be useful to track student skill development or for use in funding applications and student reports.	✓ Assessment Tool
Insight	Insight is an online subscription-based assessment tool and teaching tool for early functional vision. By doing simple activities the software gathers information on the student's looking behaviours and visual skills. Activities are staged with the key milestones in early learning and follows a development progression. Following completion of an activity, the program produces a report with basic information. This can be used to track student progress, identify focus areas, or to support funding applications or student reports. A 14 day free trial is available online.	✓ Assessment Tool ✓ Online

Free software:

- **Pyskinetic Stargaze** includes an accessible music tool (Atmosphere), Kinetic Zero flying game, Frontier (text-based communication tool), Starstream YouTube streaming, and educational resources (calculator). This package is currently free. You can access it by downloading and installing the software onto a PC from www.psykinetic.com/getting-started

- Gaze Play – http://www.gazeplay.net/ 30 mini games, to play download and install on PC.

- EyePlayMusic – My Breath My Music | EyePlayMusic to use download and install on PC.

- **Eagle Paint and Eagle Aliens** – Eagle paint is a free painting tool, Eagle Aliens is a basic point to shoot game, download and install to use on PC: http://www.cameramouse.org/downloads/EagleEyesApplications.exe

- **Tuxpaint** – Tux Paint is a drawing/art program, download and install to use on PC http://www.tuxpaint.org/download/

- **Sensory Lightbox** – this is an app available on iOS and android devices, plus Kindles, that provides a range of cause/effect activities https://www.senteacher.org/download/79/CauseEffectSensory.html

- **EyeMine** (this is an eye gaze controller to be used in conjunction with a paid version of Minecraft, Java Edition) https://www.specialeffect.org.uk/eyemine download and install on PC.

Free online games and websites:

- Special Effect Eye Games Beta – https://www.specialeffect.org.uk/eye-gaze-games

- Tobii Dynavox Web Games – http://tobii-dynavox-christmas-games.com/

- Tar Heel Gameplay – http://tarheelgameplay.org/

- Tar Heel Reader – https://tarheelreader.org/ (prototype for new version with improved eye gaze access available, works best in chrome – https://www.tarheelreader.org/)

- Jackson Pollock – http://manetas.com/pollock/ create drawings in the style of Jackson Pollock paint splattering

- Weave Silk – http://weavesilk.com/ create drawings using modern graphics

- Chrome Music Lab – https://musiclab.chromeexperiments.com/ a range of instruments and synthesisers

- Tobii Dynavox Eye Games collates a wider range of software, web games and Windows 8/10 games, many of which are free – http://www2.tobiidynavox.com/eyegames/

indigo.

Unlocking Abilities: Developing touchscreen, switch and eye gaze skills for learning and beyond
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