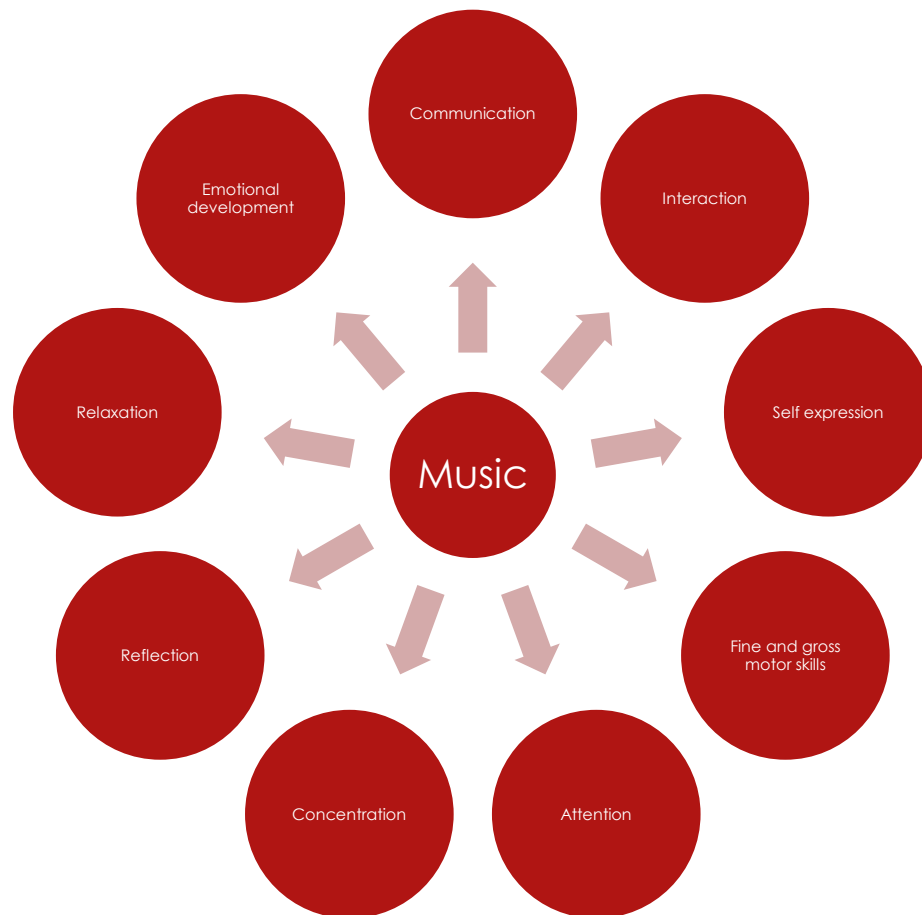


Magical Musical Moments with Lifelites

Music is a key and important experience and activity for children, particularly for those with PMLD (profound and multiple learning difficulties), for whom musical activities can serve as a gateway for interaction and communication.

Lifelites provides a number of different pieces of equipment, both software and hardware that allows all children, regardless of their condition or ability to take part in musical activities, and experience the many benefits that music therapy and music making can bring.



Making musical interaction accessible to all

The technologies that Lifelites donates to Children's hospices can help therapists and carers encourage and empower children who may not be able to access, play or express themselves through their voices or more traditional musical instruments to join in with musical activities and music making.

The chart below shows the different hardware and software that Lifelites provides for musical activities:



Hardware	PC with Touch-screen	PC with Camera Mouse	PC with Makey Makey	PC with Switches	PC with Eyegaze	BEAMZ Laser Unit	Magic Carpet	Khorus, Ensemble or Soundbeam	IPADS
Software									
BEAMZ Player	☑	☑		☑	☑	☑			☑
Custom Software							☑	☑	
Fingertap Instruments	☑								
Piano	☑								
Music Maker Jam	☑	☑			☑				
HelpKidz Learn programs	☑	☑	☑	☑	☑				☑*
Pulse Melodic	☑	☑			☑				
Drum Kit	☑	☑	☑	☑	☑				
Bloom									☑
Falling Stars									☑
Xylophone									☑
Barrel Tones									☑
Garage Band									☑
Finger Paint app									☑
Smule – Magic Piano									☑
Echostring Lite									☑
Sensory Eye FX	☑	☑			☑				

*to use HelpKidz Learn programs on the ipad, look out for the special apps or use "puffin" browser.

Hardware

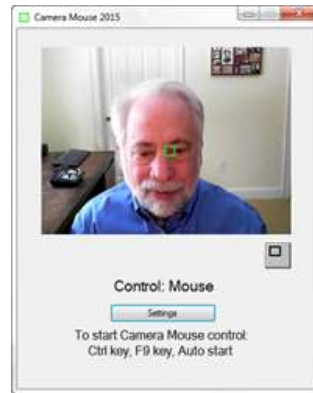
Touchscreen PC'S

Touchscreen games and programs allow children to learn, play and communicate in intuitive ways and are great for young children, those on the autistic spectrum and those with pervasive developmental challenges. The latest PC's we are supplying are all-in-one desktop PC's with touchscreen, wireless keyboard and mouse, built in webcam and speakers with a Windows 8 operating system.



Camera Mouse

Camera Mouse is a free program that enables you to control the mouse pointer on your computer screen just by moving your head by utilising the PC's webcam to track your movements.



Eyegaze

Eyegaze is a peripheral eye tracker that replaces the standard mouse, allowing you to navigate and control a desktop or laptop computer using only your eyes. These devices can open up a world of fun, communication and control for those users that are unable to use anything other than their eyes to operate the PC.



Switches

Switches can allow users, including those with severe and profound difficulties to use technology to communicate, have fun, learn and take control.



Makey Makey

The makey makey is an invention that allows you to turn everyday objects into a mouse, keyboard or switch. Use a piece of fruit, a bowl of custard, a set of keys, or a playdough model to operate the PC.



BEAMZ

Beamz is an interactive music system that uses lasers to trigger musical instruments, sound effects, songs and more.



Magic Carpet

The Magic Carpet is a fantastic sensory learning tool with the capacity to engage people of all ages and abilities. The system projects interactive games and images onto the floor that users can play with and control simply by moving on or over the projected image.



Ensemble

Apollo Ensemble is PC software supplied with a range of switches and devices that links together inputs from switches and movement sensors to outputs including sound, lighting and image.

It can be used to create accessible musical instruments, interactive spaces and sensory environments to suit a wide range of individual abilities.



SoundBeam

Soundbeam is a 'touch free' device which uses sensor technology to translate body movement into music and sound. The sensitivity of the beam means that even the most unreachable or immobilised individuals can 'play' independently and the electronic technology makes available a huge palette of possible soundworlds, bringing many more opportunities for musical and sound creation to users than purely percussion based instruments and devices



Khoros

Khoros combines a number of interlocking wireless music and light panels with a sophisticated yet easy to use software package that has an extensive library of music sounds that enables users to interact with Khoros's colourful light panel switches, soundscapes and musical arrangements. It stimulates positive interaction, effective communication and creative expression.









IPADS



iPad tablets are intuitive by design with touchscreens and visual interfaces. Tablet computers are useful for students with disabilities because some of the applications available for them easily and cheaply replace bulky, expensive older forms of assistive technology. For children with poor fine-motor skills, the touch-screen design is easier to use than a desktop computer with a mouse or a laptop with a touchpad. The screen's size makes the gadget user-friendly for students with vision problems. The machines offer a sense of independence many children, especially those with disabilities, may never have experienced before. The touch screens offer instant gratification for users with limited patience or those who can't understand the connection between a mouse and computer screen.

Software

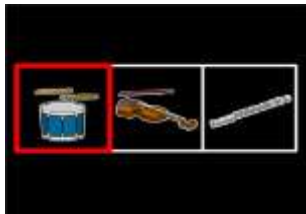
<p style="text-align: center;">BEAMZ Player Software</p> <p>The BEAMZ music player software can be used with or without the BEAMZ light beam device on PC or iPad to create and record music in a variety of styles and genres. Great for use with Eyegaze or Camera mouse.</p> <p style="text-align: center;">Download the software from www.thebeamz.com or from the app store on the iPad.</p> 	<p style="text-align: center;">Free Music apps for Windows Touchscreens:</p> <ul style="list-style-type: none"> • Fingertap Instruments  <p>Play along to popular songs using the onscreen piano, guitars and drums, play solo or do a duet or get a whole band together</p> <ul style="list-style-type: none"> • Piano  <p>Turn your touchscreen into a piano.</p> <ul style="list-style-type: none"> • Music Maker Jam  <p>A easy to use but sophisticated app that lets you mix and record your own music tracks with a variety of styles and genres, from Dubstep, to Jazz, to Rock. Great with Eyegaze and camera mouse and rollerball mouse.</p>	<p style="text-align: center;">Free Music apps for Windows Touchscreens:</p> <ul style="list-style-type: none"> • Pulse Melodic  <p>Touch the buttons on the grid to turn sounds on and off and create your own music. Great with Eyegaze and camera mouse.</p> <ul style="list-style-type: none"> • DrumKit  <p>Play a virtual drum kit with high quality sound. Use the touchscreen or mouse – also works with Eyegaze, camera mouse and keyboard or switches.</p>
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Helpkidzlearn Programs



Helpkidz learn is an online suite of inclusive programs (over 100 different activities) that Lifelites provides a subscription for, for all children's hospices. The activities are largely designed to work with touchscreen, mouse, switches and Eyegaze and there are many musical activities including:

- Touch to jump
- Peeping musicians
- Pick and Play
- DJ Master
- Counting songs (e.g five little monkeys, five brown teddies, five red plans)
- Making music



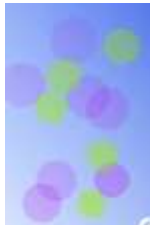
iPad applications

The following iPad apps allow a variety of music making activities and experiences:

Falling Stars



Bloom



EasyXylophone



GarageBand



Barrel Tones



iPad applications

Finger Paint with Sounds



Smule Magic Piano



Echostrig Lite



Sensory Eye FX

This package, developed for use with Eyegaze, has a number of activities that incorporate music, allowing an Eyegaze user to develop their skills and express themselves by producing music using just their eyes. The software also works with a mouse or touchscreen. The following activities incorporate musical creation or experience:

Lights



Piano



Retrokit



sensory circles



soundsquares



star trails



tone matrix



