



Embracing the Power of Tech: Clinical applications of music-tech in music therapy

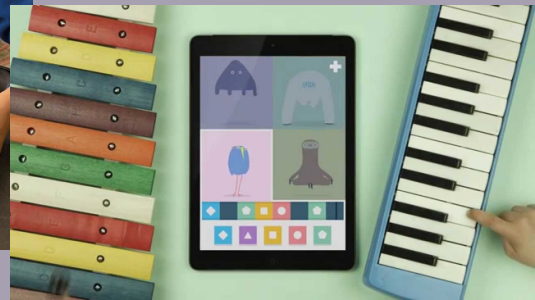
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What makes a good technology?

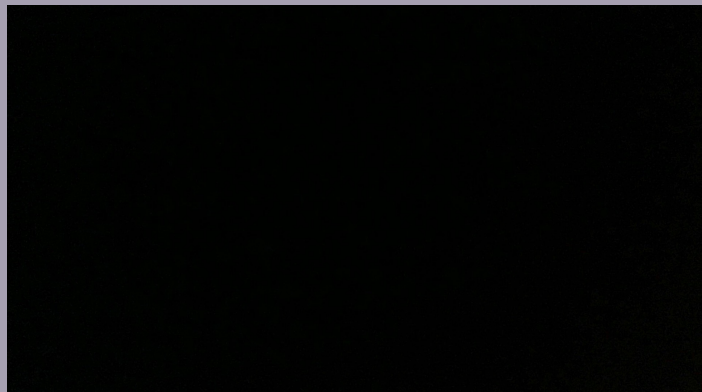
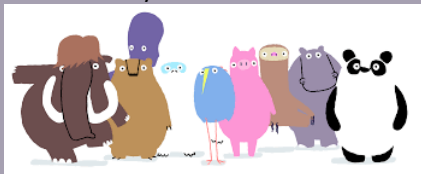


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Applied music tech for COGNITION related goals

LOOPIMAL

- Available on Apple devices for £3.99
- Create musical sequences with geometric shapes to make 9 fun characters sing and dance.
- Associated clinical goals include:
 - Multiple steps instruction following
 - Sequencing skills
 - Attention skills
 - Organizational skills
 - Creativity



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Applied music tech for COGNITION related goals

SKOOG

- Activated by simply touching, pressing, squashing, twisting or tapping the Skoog you can play a wide range of instruments or even use it as a MIDI controller
- Designed to adapt and fit with the users own natural movements
- Associated clinical goals include:
 - Attention skills - Musical Attention Control Training (MACT)
 - Decision making
 - Direction following / following verbal instructions
 - Memory recall
 - Visual-motor coordination
 - Self-expression

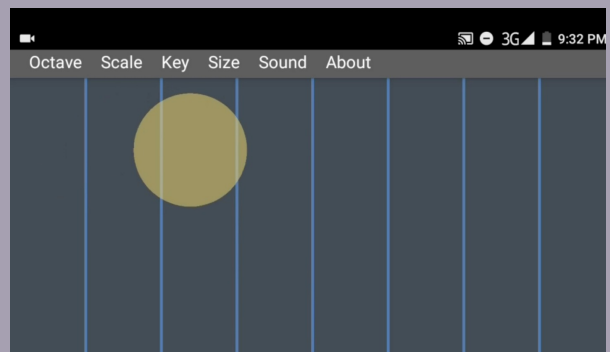


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Applied music tech for COGNITION related goals

ETHER SURFACE

- Available on Android devices for free
- Multitouch performance surface and real time synthesizer, with up to 10 notes polyphony and many practical features
- Especially useful in population with lower levels of awareness
- Associated clinical goals include:
 - Causa-effect awareness
 - Visual-motor coordination
 - Finger dexterity
 - Self-expression

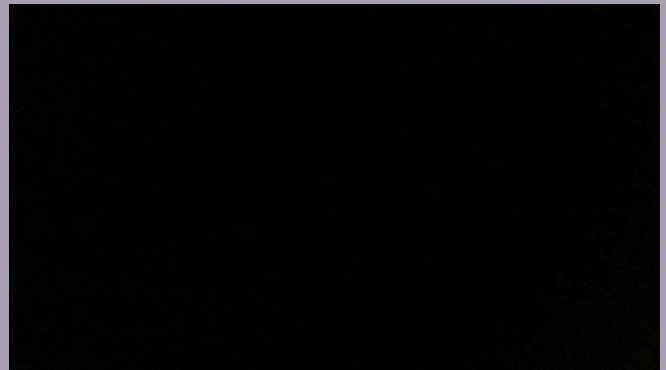


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Applied music tech for MOTOR related goals

SPHERO SPECDRUMS

- App-connected rings that turn colour into sound. Tap anywhere to create musical beats and sounds
- You can select from a range of instruments and voice, as well as recording your own.
- The colour of each sound can be customized to match specific colours/objects.
- Associated clinical goals include:
 - Direction following
 - Vocabulary acquisition
 - Sustained attention
 - Cause/effect awareness
 - Visual-motor coordination
 - Memory recall
 - Self expression
 - Musical interaction

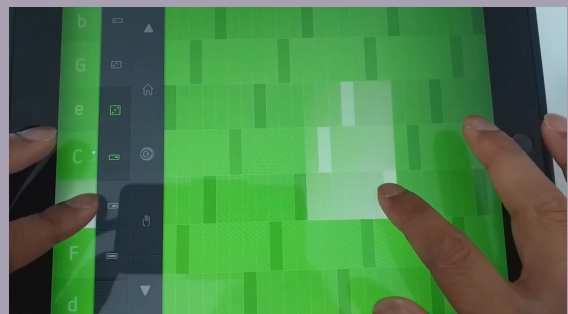


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Applied music tech for MOTOR related goals

SOUNDPRISM

- Available on Apple devices for free
- Intuitive music controller with a variety of soundpacks and playability.
- Slide your finger to compose sophisticated melodies, tone and chord patterns.
- Key and other settings can be tailored to users' needs.
- Associated clinical goals:
 - Visual-motor coordination
 - Finger dexterity and targeted hand movements
 - Musical interaction
 - Self expression

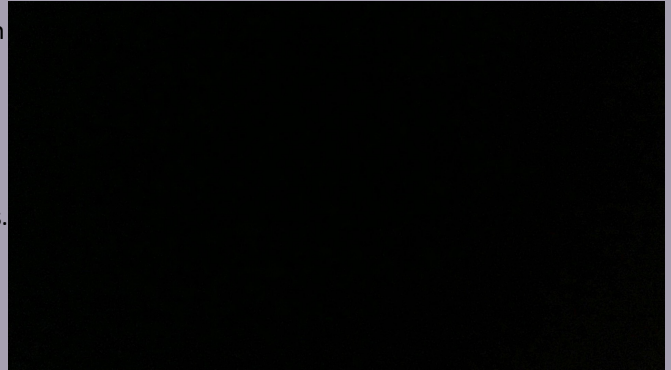


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Applied music tech
for SOCIAL INTERACTION AND COMMUNICATION
related goals

TALKING BUTTON/iSpeak

- These resources are app based communication buttons that replace expensive switches very effectively
- Talking Button allows recording up to three messages recording
- iSpeak Sequences allows to record up to 10 messages to play in a sequence when pressed.
- Button's text/colour can be costumed for users' needs.
- Associated Clinical Goals:
 - Awareness and anticipation
 - Verbal interaction
 - Phrase completion



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Applied music tech
for EMOTIONAL AND MUSICAL EXPRESSION related goals

EyeHarp



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Thank you for listening

Chiltern
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