# REACTICKLES MAGIC

ReacTickles MAGIC, is a playful and exploratory, multi-touch and motion sensor input system, that is easy to install and transfer across many settings. ReacTickles MAGIC is a new concept that has evolved from a body of research that has focussed on investigating the benefits to

Testing at Ashgrove School Cardiff

autistic populations of emotional regulation achieved through feelings of playfulness and control of their environment. ReacTickles is based on facilitating user-led interaction through highly responsive cause and effect interfaces. Especially targeted have been individuals on the autism spectrum who experience the most profound impairments in social communication, and have limited opportunities for self expression and meaningful interaction with others.

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However, since the commercial release of ReacTickles in 2008, it has been adopted by groups and individuals all over the world in settings including: classrooms, both special and mainstream education, paediatrics, touch and movement therapy, speech and language therapy, and in the home.


iPad interface

ReacTickles MAGIC has been developed at a specialist school for pupils with autism. A small team of designers worked with children and teachers to develop the interface, to ensure that it could provide a meaningful and personal experience for children, whilst at the same time provide a useful tool to enhance learning.

iPad interface

The design of ReacTickles MAGIC is based on circles. A menu provides eight different applications, each with three levels of difficulty. When the input devices pick up movement and sounds the circle will respond. Changing the levels of difficulty can increase amount of colour or make a new shapes, or impact on acceleration of the shape. Movement can cause the shape to cluster, spin, and trace the child's body position. Confidence with MAGIC is therefore gained through sensation and perception rather than cognition. As an alternative to the full body interaction the MAGIC applications have been designed to run on an iPad, affording a more intimate, tactile form of user control.

For more information about ReacTickles & ReacTickles MAGIC. Please visit:

http://www.taglearning.com/taglearning/reactickles-2.html

http://reactickles.org/blog
or contact:

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