

MIIEx2017

Melaka
International
Intellectual
Exposition

PROGRAMME ABSTRACT

AUTISM

INNOVATION

DESIGN

INVENTION

"Bridging Gaps with Creativity for Future Sustainability"

MIIEX2017



"Bridging the Gaps with Creativity for Future Sustainability"

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PUBLISHED BY:

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BULLSEYEGO 1.0

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UITM KAMPUS SEREMBAN

Abstract

Autism or autism spectrum disorder, refers to a range of conditions characterized by challenges with social skills, repetitive behaviors, speech and nonverbal communication, as well as by unique strengths and differences. BullseyeGo 1.0 is a game created for autism children at school. This game is regarded as an innovation in teaching and learning activities which will be able to enhance students fine motorskills. Futhermore, this game helps to attract students focus in teaching activities at school. It is hoped that this BullseyeGo game will serve as a interactive activity for the autism students in understanding basic knowledge used during their teaching and learning at their school. In addition, this BullseyeGo is divided into four (4) components namely, the bullseye, question box, and score sheet.

BALANCING BOARD

Muhammad Fadris Bin Mohd Zamri , Siti Zuana Binti Abdullah,
Mimi Hanan Nasuha Binti Mokhtar, Siti Nadiyah Binti Abdul Razak,
& Encik Rizuwan Bin Abu Karim

UNIVERSITI TEKNOLOGI MARA MELAKA KAMPUS BANDARAYA MELAKA

Abstract

The name of the product is "Balancing Board". This board will help the autism to increase their coordination, balance and agility. The features of the board textured top to keep feet from slipping and help kids and teens bulld their core, upper body and ankle strength. The board sits atop two rotating rockers allowing the user increase the difficulty level. As we know, the movement of the autism is not well-coordinated where both of their feet are not stable when they walk and run. The movement of the feet between the left-side and the right-side were not properly same and different with other the normal person. Besides, with the exist of the balancing board, this autism people can balance their body posture with just stand on top of the board and just balance it. But then, the balancing boards have one problem which the board itself is a bit slippery. When they stand on top it, they might slip because of the surface is flat and smooth. So, regarding of the problem, we want to introduce this balancing board with a strap holder for each side. It will be easier for them to hold and try balance their body well. The strap holder are made from rubber so it can be stretch so, the autism people can easily hold the strap. Thus, they will not fall because of the stretchable strap can balancing their body if they hold it tightly.