

## **P13-THE DEVELOPMENT RELATION OF AUTISTIC CHILDREN BY USING TRIANGULAR AREA MOVEMENT TASK**

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### **ABSTRACT**

The purposes of this study were (1) to study the effect of using a triangular area movement task during training to improve movement coordination in autistic children, and (2) to construct a triangular area movement task for autistic children. The samples selected were 3 students with autism aged between 10-12 years who are studying at Khon Kaen University Demonstration School, Special Education Division, Faculty of Education, Khon Kaen University. The results showed that after training with the triangular area movement task in a total of 22 movement patterns 3 times a week for 10 weeks, the samples have improved movement coordination. During the training, the three samples also developed perceptual-motor reaction of the brain. They have improved thinking skills and learned to think logically so that they were able to concentrate on their movement patterns. Moreover, they were able to perceive, memorize and control their movements efficiently in the triangular area movement task training. In constructing the triangular area movement task, the researchers ranged the training from easy to hard movement skills, for example, from walking to jumping, from walking straight ahead to turning, from slow to fast, in order to develop movement coordination. This is appropriate to the learning style of autistic children and resulted in the learning of various skills and the development of good movement coordination.

**Keywords :** movement coordination, triangular area movement task