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The Effects of Psychology Course with Six Bricks and Play Box on Positive Learning of High School Students in Taiwan

Six Bricks and Play Box were developed by LEGO® foundation in South Africa. Six Bricks is a set of 2*4 dots DUPLO® bricks in six colors: red, orange, yellow, green, dark blue, and light blue. Educators in Africa, Europe, America, and Asia have already used Six Bricks widely in the educational context. Afterward, LEGO® foundation designed the DUPLO® Play Box which are more abundant and more kinds of bricks. These two facilitative methods, Six Bricks and Play Box, are able to improve language skills, problem solving, collaboration, and emotional mediation.

At the beginning of development, Six Bricks and Play Box were applied in early education area. In 2017, two researchers utilized Six Bricks and Play Box for psychology course in senior high school. The study aimed to discuss the applications and effects of utilizing Six Bricks and Play Box for psychology course. Researchers set up a five-week LEGO® Psychology course, including four areas, physiological psychology, social psychology, emotional psychology, and positive psychology. The class time is two hours a week, with 39 first-grade students participating. Researchers used Six Bricks and Play Box facilitative methods fulltime to construct psychology teaching activities, including "copy model", "spot that brick", "tricky tower", "parentchild chair", "warm and clod creature", "emotional duck", "bridge", and "positive DUPLO® figure". After weekly course ends, participants wrote the reflective journals, and filled in learning feedback form in the fifth week. Researchers analyzed the contents of learning journals, and learning feedback forms by content analysis method in order to explore learning effects generated from LEGO® Psychology course. The results showed that the teaching modal possessed the effectiveness of promoting learning motivation as follows, promoting positive emotions and relaxing learning pressure, triggering learning engagement and boosting comprehension, stimulating creative learning and expanding the diversity of thinking, enhancing social intelligence and deepening self-reflection. In addition, the teaching modal also obtained the benefits of learning content, including the experience of sensory working, the comprehension of emotional adjustment, the awareness of social interaction, and the utilizing of positive emotions.

Keywords: psychology course, Play Box , Six Bricks, positive learning , high school students

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