

「A study on physiological effects of the children by the production experience of the small space.

Summary

In recent years, a transition of the urban environment is notable. Also, playing environments for children in Japan have been changing. Children plays outside in a group are decreasing, because they can play by oneself without the playing space and playmates by the appearances of the television and the electronic games. Also, relationships with others has become diluted in children's life field by a change of our lifestyle due to urbanization, and children could not ensure the time and place for play by many lessons apart from school hours and enhancing safety around them. On the other hand, the importance of play has been pointed out, because the experiences of play in childhood include the use of social skills to interact with each other in various situations. Even among them, Play in small space of only children attached their own meaning such as the hidden and secret base are mentioned the possibility to become a place that constructs of only theirs society and stimulates the emotion of them.

Also, Formative Play program in primary school education is given importance, because it is expect that develop the ability to live by cultivating an attitude concerning the life and social on theirs own initiative and the basic ability to express, judgment, and thinking. Formative play has been evaluated; there are psychological effects by the interaction of three elements "Play" "Communication" "Accomplishment" in Collaborative modeling activities. However, it is important not only formative play but also producing their own small space and playing there in order to stimulate the psychological effects of spatial. It is considered to be enhanced "Play" and "Communication" by producing the small space for themselves and use it. Therefore, the purpose of this study to produce a tool that can produce cooperatively in small space and verify the evaluation of the psychological effects (Play, Communication, Accomplishment) through practical production experience of small place with children.

First of all, we defined on the small space of children and described its features. Next, we described the characteristics of formative play, based on its features, we made a production of "House of Wakka" tools that can be created cooperatively in their own small space. Next, we performed practical production experience of the small space intended for fourth grade children. Through experience production, we clarified the psychological effects of production experience of the small space by an analysis words and actions and scenes of children at each stage of Production, Using, Tidying up. In addition, we experimented three patterns such as parents and children, only children and only children in numbers by taking into account the environmental conditions surrounding the children because there are various subject for production cooperatively. And, we clarify the effect of production experience small space by subtracting other effects of each environmental factor throughout the experiment.

Thus, in this study, we have demonstrated that production experience of the small space has physiological effects of the children, and this field trial will be able to be utilized as a reference in the studying of physiological effects of the children by the production experience of the small space.

Key words

1 :small space 2 :formative play 3 :production experience 4 :child 5 :physiological effect

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