

The Importance of Toys for Children

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Research Background

Previous studies have shown that E-learning is ineffective in school teaching. Teachers report difficulties in knowing each of the student's needs during teaching. This is because they cannot face-to-face communicate with each other. As a result, they do not know how to respond appropriately. To cope with this situation and help teachers understand students' needs as well, this project aims to assist teachers and students to establish a better relationship.

Objectives

To examine how students perceive online learning and design an electronic device suitable for their learning according to their educational needs.

Methodology

A questionnaire was designed to investigate children, children's toys, and how they get along with children. Some videos regarding how people get along with children from social platforms, such as Facebook and Instagram, have also been analyzed. The research subjects were people over 18 years old who have experience in caring for children. The target sample size is 90 respondents.

Findings

The results identified how important toys are for children, how designers should design toys, and what criteria and directions to use for designing the toys. The toys should fit the children's needs, improve their lives and the relationship between children and caregivers, avoid disadvantages, and have more educational functions.

Conclusion

Based on the above findings, an educational tablet was designed for primary school students. Teachers cannot get instant responses from students in online teaching, or even can only get in touch with a few active students during the lesson. Many students hide or even turn off their mics and cameras where teachers cannot know the learning process and needs for the students, especially for students with Special Educational Needs. However, a tablet can enable teachers to see the students' faces in meetings or online lessons.