

Research Title	A Survey of teacher's and parent's need toward about Application Software on smartphone and tablet in Early Childhood Education: La-or Uthit Demonstration School, Lampang.
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The research study on *“A Survey of Teachers and Parents’ Requirements toward the Use of Applications on Smartphone and Tablet in Early Childhood Education of La-or Uthit Demonstration School, Lampang Center”* aims to 1) explore the behaviors of teachers and student’ parents of La-or Uthit Demonstration School, Lampang Center toward the use of applications on smartphone and tablet 2) to explore the opinions of teachers and student’ parents of La-or Uthit Demonstration School, Lampang Center toward the use of applications on smartphone and tablet 3) to explore the requirements of teachers and student’ parents of La-or Uthit Demonstration School, Lampang Center regarding the use of appropriate applications on smartphone and tablet to the early childhood children. The target population was defined into two groups of teachers and parents of La-or Uthit Demonstration School, Lampang Center.

The results of the study showed that the group of teacher considered the use of applications on smartphone and tablet was not appropriate for children representing 48 percent. While 40 percent of teachers considered that the use of applications on smartphone and tablet was appropriate and should be allowed in using for children older than five years or at least between 3-5 years old. Moreover, the spending time should be approximately limited not exceeding 6-10 minutes per day and 21-30 minutes respectively. In this regard, 72 percent of teachers considered the effects of using smartphone and tablet on the development in early childhood. Moreover, the appropriate applications on the smartphone and tablet should be primarily focused on the enhancing for development and should be applied for the classroom games respectively.

The ways on the exploring of requirement regarding the use of application on the smartphone or tablet for children were found as follows:

The teachers had the requirement on the use of applications on smartphone or tablet for early childhood children and the ways were ranked the top five as below:

- (1) Applying the use of applications with learning
- (2) Ability to present the simulated situations
- (3) Ability to attract the attention of early childhood children
- (4) Keeping update regularly
- (5) Ability to set the time for usability

Parents required the use of the applications on smartphone or tablet for children and the ways were ranked the top five as below:

- (1) Applying the use of applications with learning
- (2) Ability to monitor the development of children
- (3) Ability to present the simulated situations
- (4) Ability to use without the Internet
- (5) Ability to set the time for usability