The Development of a Blended Training Model
Using the Virtual Professional Learning Community Combined With Experiential Learning to Enhance In-Service Teachers' Ability in Designing and Using Digital Technology for Learning Management

Research Objectives

1 Develop the model

Develop a blended training model using the Virtual Professional Learning Community combined with experiential learning to enhance in-service teachers' ability in designing and using digital technology for learning management

2 Examine outcomes

Examine the outcomes of implementing the developed model.



Methodology

Phase 1 Background Investigation
120 teachers, 3 experts, 3 administrators

Phase 2 Model Development
Develop the training model

Phase 3 Model Implementation
34 Secondary school teachers

VPLC–EL Blended Training Model



Research Outcomes

Among teachers who completed the training

Knowledge and Lesson-Plan Design
Post-training > Pre-training
Statistically significant at the .05 level.

Ability to Use Digital Technology in Teaching
***M* = 4.66**
SD = 0.52
Excellent level

Satisfaction with the Training
***M* = 4.75**
SD = 0.43
Highest level

Model Evaluation and Endorsement
***M* = 4.78**
SD = 0.41
Highest level

M = Mean, *SD* = Standard Deviation

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Journal of Information and Learning
https://so04.tci-thaijo.org/index.php/jil