



Journey of Thailand Team on ESD (2017-2018)



A. Athapol, CU
P. Fuangarun, CU.
S. Arunee, KKU
S. Apaichon, PBRU
A.Chananporn, SWU
K.Withawat, TSU







Key Activities

- National Workshop on ESD in Teacher **Education Institutes**
- ESD learning through Pre-service and In-service Program
 - Active Learning for ESD in classes
 - Students' Projects
- Greening the Faculty
 - Zero-waste Campaign
 - No Plastic Canteen
 - Recovering Green Area









Analyse the challenge of Thai and Global Community on SD









Figure 2. Proposed ESD integration framework for pre-service teacher education



Planning of ESD Projects







Students' Projects

On Ecological Security

- Food Security
- Energy Security
- Coastal Security

GCED Workshop with Old Dominion U, Virginia





One Day
Workshop on ESD
for Check out
Activities





KKU start to intergrate ESD Concept to many classes







Cutting for Safety????



Big Trees and Bushes Mapping Project





The Biggest Rain Tree in the Faculty was partly cut for rain-cover walkway



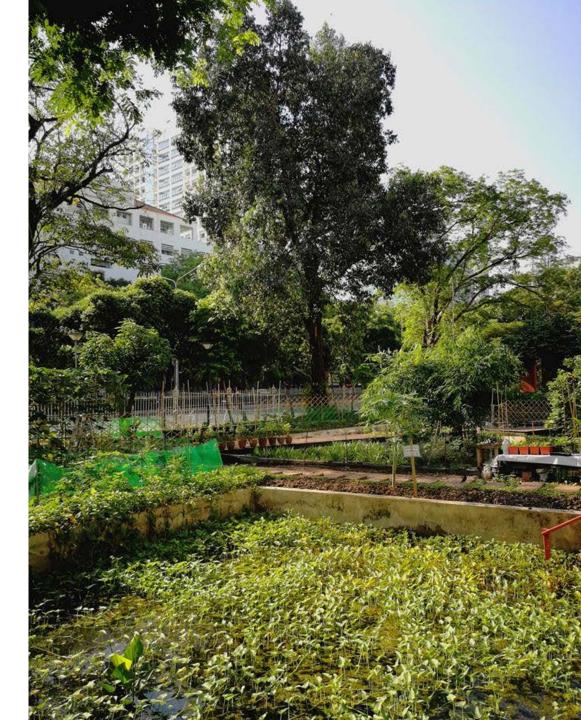








Non-chemical
Agriculture and
Slow Food
Movement in
the Faculty





Zero Waste Campaign















Training of Teach For Thailand Fellows on Community-based Learning for SD







GCE core teachers in 4 Pilot School

Between Stages 4 and 1

Additional teaching after revising the lesson, review video documentation, reflect on the process after the excitement of the public-lesson activities

Set Goals

Identify specific student needs and formulate curricular goals

Lesson

Study

Between Stages 1 and 2

Research, brainstorm, go off on valuable tangents, explore mathematics concepts as teachers

Debrief

- Analyze data collected
- Discuss student learning, teacher learning, pedagogical content learning

Plan

- ■Develop
- lesson plans
- Devise datacollection strategies
- Rationalize the approach
- Anticipate student responses

Implement

One or two members of the team teach/co-teach the "public" lesson; other members observe and collect data, such as video documentation and work samples

Between Stages 2 and 3

Plan pre- and post-lessons in the sequence, carefully considering student groupings, conducting exploratory lessons, acclimatizing atudents to presence of video camera.

Between Stages 3 and 4

Reflect on actions, make possible lesson adjustments, develop comments from notes made, experience feelings of accomplishment



กระบวนการพัฒนา



