

Quality Improvement of Primary and Secondary Education through School-based Teacher Training in Sub-Saharan African Countries

Yumiko Ono*, Makoye Wangeleja
Naruto University of Education,
Naruto, Tokushima, Japan

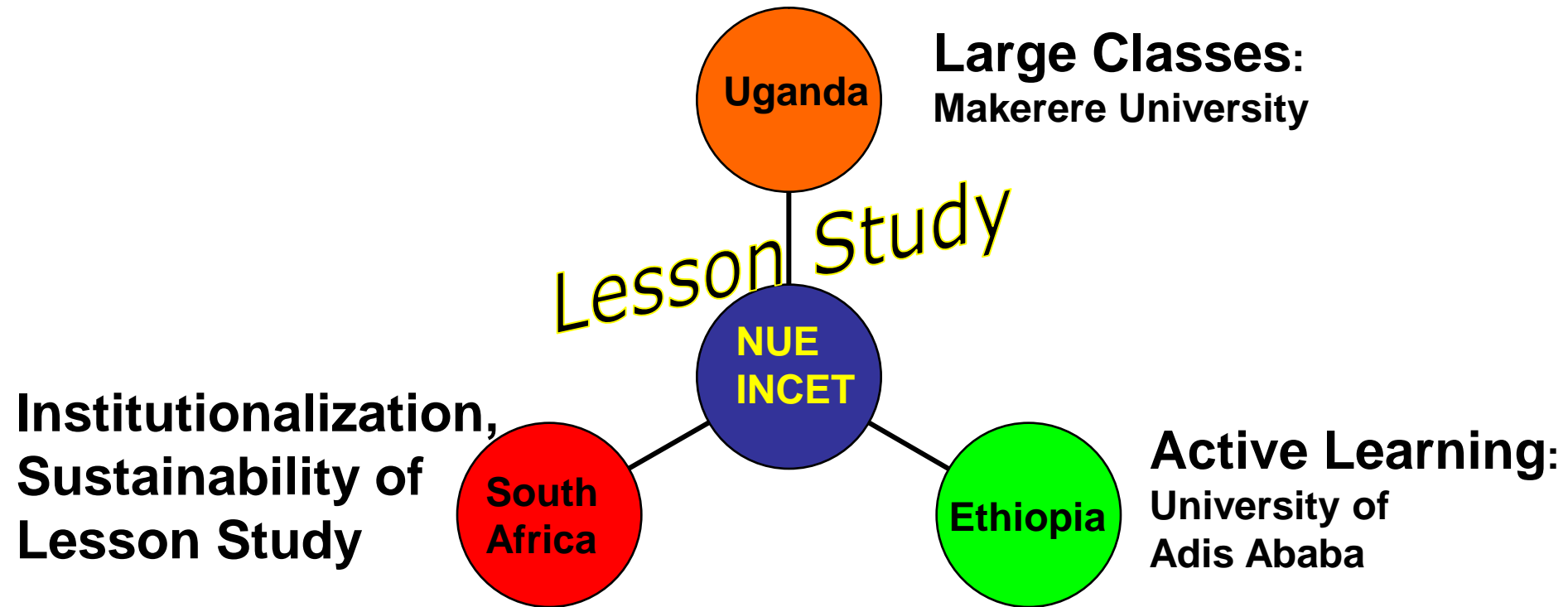
*Contact Address: onoy@naruto-u.ac.jp

Cooperation Hub System by MEXT

To support EFA,

- stocktaking Japanese experience, knowledge for systematic use in new projects
- to accumulate knowledge base in new areas and further expand in familiar areas
- Two Projects selected under category of “Education improvement of Sub-Saharan African Countries”
- Collaboration with and Networking of Universities stressed as Important Feature

Improvement of Instructional Practices through Lesson Study



Challenges in Implementing Curriculum in Developing Countries

National Policy: Intended Curriculum

Learner-centered, activity –based

Continuous assessment: cutting-edge curriculum

Teacher: Implemented Curriculum

Interpret to fit own experience, own working environment,
lack of content knowledge, unable to conceptualize new
type of lessons

Children: Achieved Curriculum

Continuous, formative assessment required

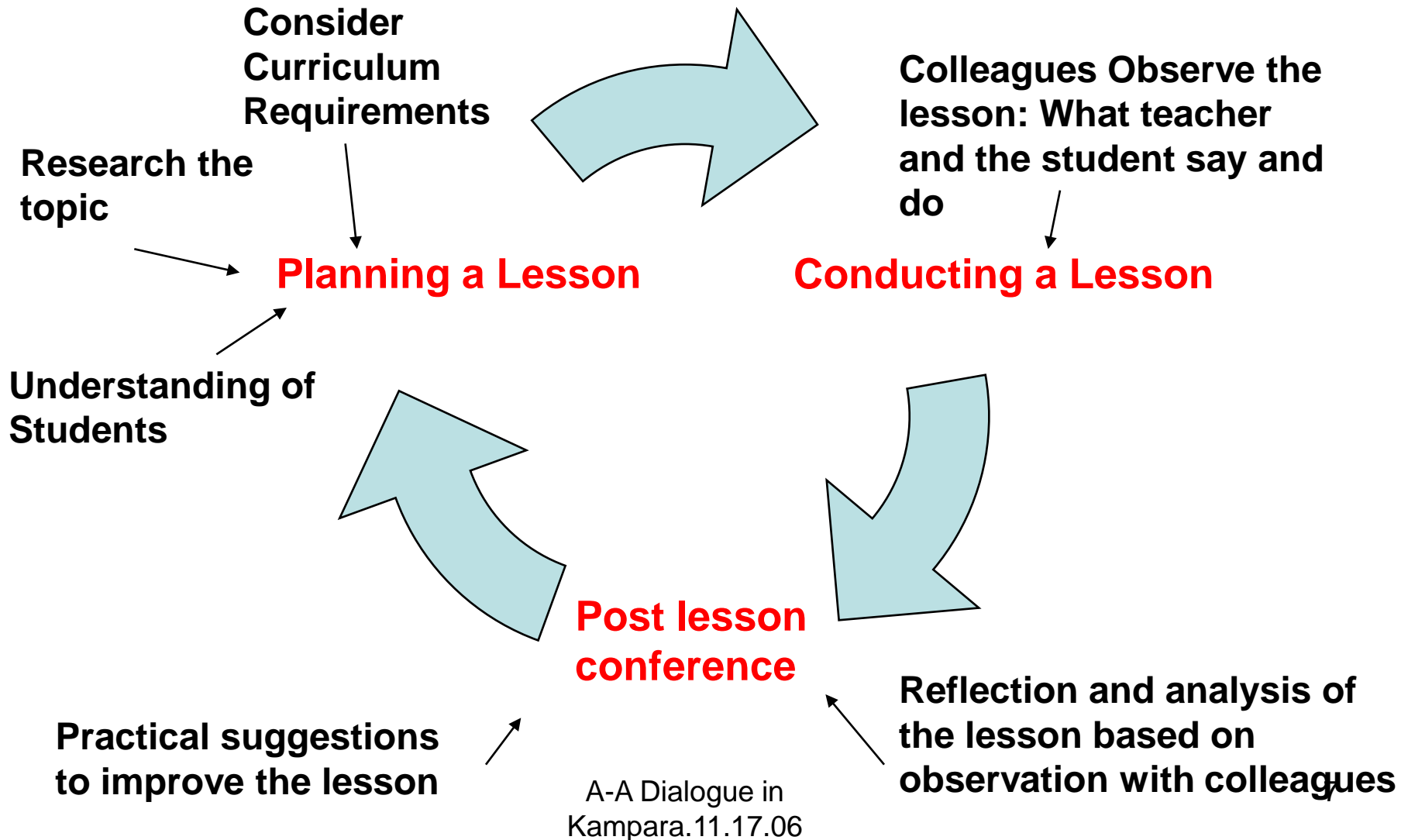
Necessary Support to Transform Lessons into:

- **Lessons that achieve curriculum principles**
- **Lessons that pay attention to student understanding and achievement**

Improvement of Lessons through Lesson Study

- Professional development practices **situated in lessons**
- **Teacher-owned** professional development practices
- Different purposes **corresponding individual needs, career**
- Contribute to **improve day to day practices**

Process of Lesson Study



What is “Lesson Study”?

But, Do Lesson Improve through Lesson Study?

- Action Research on South African Trainees who have gone through Japan Training focused on lesson study
- The Case of Biology in 2004 (see handout)
- The Case of Math in 2005 (see handout)
[Makoye-san presentation.ppt](#)

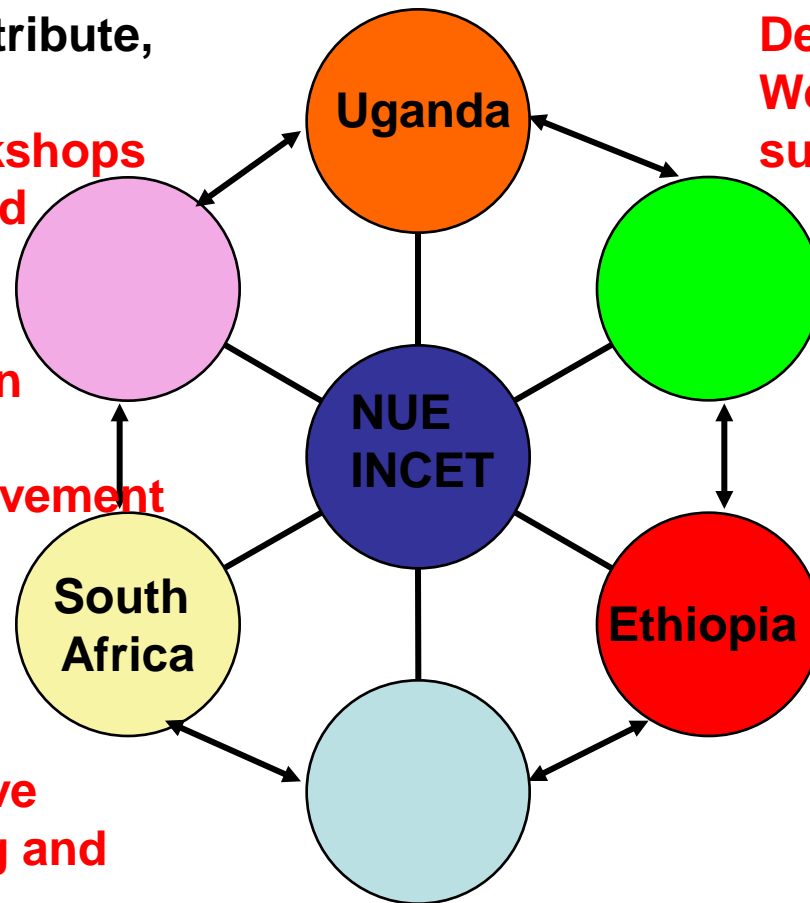
Join the Sub-Saharan Network of Lesson Study!

What NUE can contribute,
Collaborate:

Lesson Study workshops
for Researchers and
practitioners

Collaborative action
research on
instructional Improvement

Organizing reflective
Meeting for sharing and
networking



Development of
Workshop materials
such as DVD, Booklets

Development of TLM



宝石探し

神戸大学文学部生物科学科 | 河野 孝一 | 小澤 大志

EXCRETION - Removal of waste products from the body
(METABOLIC WASTES)

EXCRETORY ORGANS



宝石探し!





CAPE OF GOOD HOPE

THE MOST SOUTH—WESTERN POINT
OF THE AFRICAN CONTINENT

18° 28' 26" EAST

34° 21' 25" SOUTH

CAPE OF GOOD HOPE

THE MOST SOUTH—WESTERN POINT
OF THE AFRICAN CONTINENT

