

UNESCO/UNHSF Dzud project Mobile Teacher Training

(2 – 9 November 2004, Zavkhan, Mongolia)



Education Team
Tokyo Institute of Technology

Background of the mobile teacher training

◆ Date:

2 November to 9 November 2004

◆ Duration:

One week → 2 - 2.5 days

◆ Venue:

Uliastai (AC) and Numrug

◆ Number of shools:

7 schools (U:3; N:4)

◆ Number of participants:

35 teachers → 120 teachers (U:50; N:70)

Observation

Gaps within the region

- ◆ School facility

 - Conference room? Copier?

- ◆ Power supply?

 - Light?

- ◆ Heating

 - Warm enough?

- ◆ Others

 - Any distraction?

Training at Uliastai #1

Plenary session



Training at Uliastai #2

Group work



Training at Numrug #1

Plenary session



Training at Numrug #2

Ice breaking



Training at Numrug #3 presentation on group work



Interviews

◆ Objectives?

- * To collect information on current situation of teachers
- * To identify training needs of teachers

◆ Interviewees?

- * Teachers (30)
- * Principals (5)
- * Methodologists (3)
- * Local government officials (2)
- * National project team (2)

Interview (cont'd)

◆ Method?

- * One-one-one/ group interview

◆ Interview questions?

- * “What is the major change for you in the new education system?” (general questions)
- * “What kind of information and skills do you need most as a teacher?” (skills and responsibilities)
- * “What modality of the training do you think most helpful?” (training)

Findings from field visit (observation)

- ◆ Severe gaps of infrastructure within Zavkhan
- ◆ High motivation of all teachers towards the education reform

Findings from field visit (interviews)

◆ Impact given by the new education system (positive impact)

- * Teachers' support towards new education methodology
(new education standard, student-centered approach)
- * Support from aimag education and culture department
(increased role of methodologists)
- * Increased team work among teachers
(increased meetings and discussions among teachers)

Findings from field visit (interviews) cont'd

◆ Impact given by the new education system (Challenges)

- * Difficulties to shift from old to new teaching methodology
- * Lack of supporting manuals/guidebook
- * Insufficient training opportunity
- * Unsupportive teaching conditions
(e.g. high student-teacher ration)

Findings from field visit (Interviews) cont'd

- ◆ Strong needs for teaching manuals and materials
- ◆ Heavy workload and inadequate working conditions
- ◆ Teachers' evaluation system
- ◆ Student assessment

Findings from training

◆ All teachers were satisfied with the training

“Very good” – 46.7 %

“Satisfactory” – 53.3%

◆ Training topics were relevant to teachers' needs

1. Teacher development and self-development (24%)

1. Curriculum development and sample task (24%)

3. New education standard (19.2%)

Findings from training (cont'd)

- ◆ Practical group work was highly appreciated
- ◆ Teachers prefer training at regional center & aimag center
 - * Regional center – 39.4%
 - * Aimag center – 37.3%
 - * Soum school – 4.2 %
- ◆ Contents and in advance distribution of manuals were beneficial

Thank you!



Any questions?

Report of field visit in rural Mongolia -- From technological point of view

Tokyo Tech team

Telemeeting from Mongolia



Telemeeting from Mongolia



The soums (village) we visited

- Uliastai: aimag (province) center
- Numrug: aimag regional center of northern area



Power grid

- CEG (Central energy grid), WEG, EEG
 - Regional characteristics with geographical condition



Local effective media for training

- How is the availability of electricity?
- What kind of electric equipment is available in soum ?
 - Radio, TV, Video cassette recorder (VCR), Video CD (VCD) ...
- What kind of storage media are available in the market ?
 - CD, floppy, DVD
- Sustainability issue

In Uliastai soum

- Scenery from the top of hill



In Uliastai soum

- PC rooms



In Uliastai soum

- Electricity: only in the evening (7 to 11 pm)
 - School principal from Otgon soum:
“Reliable power supply in school is my future dream as a school principal”
“Radio is a only source of information, since there is no electricity”
- 7 PCs (only one connecting to internet with UPS)
- Who maintain PCs?
 - In the case of repairing...

In Uliastai soum

- Teachers of informatics (right side)



In Uliastai soum

- PC game shop is full of children



On the way to Numrug

- Having fresh air



On the way to Numrug soum

- Minus 20 degree Celsius



Not so cold as
I expected !!

On the way to Numrug soum

- EARTH IS LARGE!!!



In Numrug soum

- No electricity



In Numrug soum

- In fact ...



In Numrug soum

- Dormitory to be rehabilitated



In Numrug soum



- Inside the dormitory
 - Rehabilitation of walls and ceiling
 - Many grass-root projects introduced
- How about the sustainability ?

In Numrug soum

- What happened to the gym?



School independent diesel engines

- Diesel engines for school facilities



In Numrug soum

- Electricity: not available at all
- School independent diesel engine works temporarily
- Only radio is available
- Only half room of dormitory has heating. Many students are waiting to be accommodated.
- But in households, VCD and VCR is widely available

In Numrug soum

- Fire wood for heating



In Numrug soum

- She is making a document.



In Numrug soum

- Only one telecom center



In Numrug soum

- Only one telecom center



Souvenir for you

- Mongolian typical milk tea



Notice: this milk tea is not sweet!! (little salty)