

3-b Are there any problems/difficulties to implement such training programs? If yes, what are they? Choose all that are applicable.

- a. none
- b. time constrains
- c. shortage of budget
- d. no request from the teachers
- e. no request from primary/lower secondary schools
- f. others (please describe below)

4-a Have your staff (TTC/TTS teachers) implemented any outreach programs to disseminate the skills and knowledge they learned through the SMATT project by visiting primary/lower-secondary schools?

- none
- little
- much
- very much

4-b If they don't, what are the major reasons? Choose all that are applicable.

- a. time constrains
- b. shortage of budget
- c. no request from the teachers
- d. no request from primary/lower secondary schools
- e. it is no the duty of TTC/TTS
- f. others (please describe below)

5-a Do your staff (TTC/TTS teachers) utilize the SMATT Teaching Guides for their classes?

- Yes
- No

5-b What is the advantage of the SMATT Teaching Guides? Choose one that is most appropriate.

- a. good for teachers' self-study
- b. freed from the burden of making lesson plans
- c. support of the quality of the lesson
- d. others (please describe below)

5-c Do you have any suggestions to improve the SMATT Teaching Guides? Please describe below.

6-a Would you like to continue to teach the teaching method/skills introduced by SMATT at your TTC/TTS?

- Yes
- No

7-a Do you implement class observation regularly?

- Yes
- No

7-b What do you think is the problem/difficulty to implement class observation? Choose one that is most appropriate.

- a. time constrains
- b. too much burden
- c. no necessity
- d. others (please describe below)

Thank you for your cooperation

If you have any other comments or suggestions regarding SAMTT that you would like to convey to JICA, please write them below.

Questionnaire for TIJ participants

**Name of Study: Terminal Evaluation Study
on JICA Technical Cooperation Project
for Improving Science and Mathematics Teacher Training**

Name: _____

Position/Title: _____

Office/Organization/School: _____

Telephone No: _____ Fax No: _____

This questionnaire is to be used for the terminal evaluation of SMATT project. Results of the questionnaire will be used only for the evaluation study and this questionnaire will be kept within the JICA Evaluation Team.

Which training programs in SMATT have you attended? Please circle all the ones you attended.

TIJ (Training in Japan) 2002 2003 2004 2005 2006

WS (National Work Shop) 2004 in Pakse 2004 in Luang Prabang 2005 in Bankeun
2006 in Pakse

ICT (In Country Training) 2005 in Savannakhet 2006 in Salavan 2007 in Luang Namtha

1-a Have TIJ improved your teaching capabilities? Chose one from the choices below.

none little properly much very much

1-b Which aspect of your capabilities has been improved by TIJ? Choose one that is most appropriate.

- a. knowledge on subject matter b. improvement of teaching skills
c. mastery of making lesson plan d. no afraid of demonstration lessons (existence of observers)
e. others (please describe below)

2-a Do the topics discussed in TIJ meet your needs?

not at all little properly much very much

3-a Did you meet any difficulties/problems during TIJ?

none little much very much

4-a Have you implemented any activities to disseminate the skills and knowledge you learned in TIJ?

Yes

No

4-b Are there any difficulties to implement such activities? If yes, what is the most difficult one? Choose one that is most appropriate.

- a. time constrains
- b. shortage of budget
- c. no request from any teacher
- d. difficult to find appropriate activity
- e. others (please describe below)

5-a Have you done the preparation for implementing WS and ICT appropriately?

yes No

5-b Have you carried out your responsibility as a lecturer of WS and ICT?

yes no

6-a Have you applied to your lectures what you learned through TIJ?

none little Much very much

6-b Have you applied the new teaching method (child-centered method) to other topics that are not handled in the Teaching Guides?

little Much very much

7-a Have you implemented any training programs for primary/lower-secondary school teachers?

Yes No

7-b What is the difficulty to implement any training programs for primary/lower-secondary school teachers? Choose one that is most appropriate.

- a. time constrains
- b. shortage of budget
- c. no permission of Director
- d. no request from primary/lower secondary schools
- e. others (please describe below)

Thank you for your cooperation

If you have any other comments or suggestions regarding SAMTT that you would like to convey to JICA, please write them below.

Questionnaire for WS and ICT participants

**Name of Study: Terminal Evaluation Study
on JICA Technical Cooperation Project
for Improving Science and Mathematics Teacher Training**

Name: _____

Position/Title: _____

Office/Organization/School: _____

Telephone No: _____ **Fax No:** _____

This questionnaire is to be used for the terminal evaluation of SMATT project. Results of the questionnaire will be used only for the evaluation study and this questionnaire will be kept within the JICA Evaluation Team.

Which training programs in SMATT have you attended? Please circle all the ones you attended.

TIJ (Training in Japan)	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
WS (National Work Shop)	<u>2004 in Pakse</u>	<u>2004 in Luang Prabang</u>	<u>2005 in Bankeun</u>		
	<u>2006 in Pakse</u>				
ICT (In Country Training)	<u>2005 in Savannakhet</u>	<u>2006 in Salavan</u>	<u>2007 in Luang Namtha</u>		

1-a Have WS and ICT improve your teaching capabilities? Choose one from the choices below.

none little properly much very much

1-b Which aspect of your capabilities has been improved through WS and ICT? Choose one that is most appropriate.

- a. knowledge on subject matter b. improvement of teaching skills
- c. mastery of making lesson plan d. no afraid of demonstration lessons (existence of observers)
- e. others (please describe below)

2-a Do the topics discussed in WS and ICT meet your needs?

not at all little properly much very much

3-a Were WS and ICT appropriate to your needs in terms of the following:

1) frequency

not at all little properly much very much

2) training period (number of days allocated for WS/ICT)?

not at all little properly much very much

3) number of participants

not at all little properly much very much

4) ways of delivery.

not at all little properly much very much

3-b Do you have any suggestion to improve WS and ICT?

4-a Do you utilize the SMATT Teaching Guides to improve your class?

Yes

No

4-b Have you applied the new teaching method (child-centered method) to other topics that are not handled in the Teaching Guides?

Yes

No

Please describe the name of those topics below.

5-a Have you implemented any training programs for primary/lower-secondary school teachers?

Yes

No

5-b What is the difficulty to implement any training programs for primary/lower-secondary school teachers? Choose one that is most appropriate.

a. time constrains

b. shortage of budget

c. no permission of Director

d. no request from primary/lower secondary schools

e. others (please describe below)

Thank you for your cooperation

If you have any other comments or suggestions regarding SAMTT that you would like to convey to JICA, please write them below.

Questionnaire for TEADC and DTT officials

**Name of Study: Terminal Evaluation Study
on JICA Technical Cooperation Project
for Improving Science and Mathematics Teacher Training**

Name: _____

Position/Title: _____

Office/Organization/School: _____

Telephone No: _____

Fax No: _____

This questionnaire is to be used for the terminal evaluation of SMATT project. Results of the questionnaire will be used only for the evaluation study and this questionnaire will be kept within the JICA Evaluation Team.

Which training programs in SMATT have you attended? Please circle all the ones you attended.

TIJ (Training in Japan)	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
WS (National Work Shop)	<u>2004 in Pakse</u>	<u>2004 in Luang Prabang</u>	<u>2005 in Bankeun</u>		
	<u>2006 in Pakse</u>				
ICT (In Country Training)	<u>2005 in Savannakhet</u>	<u>2006 in Salavan</u>	<u>2007 in Luang Namtha</u>		

1-a Have you attended or observed any training programs provided by SMATT?

Yes

No

1-b What kind of teaching capability do you think the training program(s) aimed to improve? Choose all that are applicable.

- a. knowledge on subject matter
- b. teaching skills (pedagogical skill)
- c. knowledge and skills of making lesson plan
- d. lesson observation skills
- e. overcoming the uneasiness about demonstrating lessons in front of observers
- f. others (please describe below)

2-a Do you think the training programs contributed to improving the teaching capabilities of the participants (TTC/TTS teachers)? Choose one from the choices below.

none little properly much very much

2-b From what evidence can you tell the improvement you mentioned above? Choose all that are applicable.

- a. change in attitude/habit
- b. preparation/implementation of lessons
- c. gaining a reputation
- d. improvement of the students' performance
- e. others (please describe below)

3-a Do you think the SMATT Teaching Guides are worth utilizing continuously in TTC/TTS?

Yes

No

3-b What is the advantage of the SMATT Teaching Guides? Choose one that is most appropriate.

a. good for teachers' self-study

b. freed from the burden of making lesson plans

c. support of the quality of the lesson

d. others (please describe below)

3-c What contents (skills, knowledge, etc.) of the Teaching Guides need to be improved/revise? Write your comments below.

3-d What other contents should be added to the Teaching Guides? Write your comments below.

3-e Do you have any plan to make the Teaching Guides suitable for primary/lower-secondary teachers?

Yes

No

4-a Do you monitor the SMATT activities regularly?

Yes

No

5-a Will you continue any training programs for TTC/TTS teachers even after SMATT is over?

Yes

No

5-b If you don't continue, what is the reason? Choose the most appropriate one.

a. time constrains

b. too much burden

c. no necessity

d. others (please describe below)

Thank you for your cooperation

If you have any other comments or suggestions regarding SAMTT that you would like to convey to JICA, please write them below.

Questionnaire for TTC/TTS Directors, Deputy Directors, Head of Science and Mathematics

**Name of Study: Terminal Evaluation Study on JICA Technical Cooperation Project
for Improving Science and Mathematics Teacher Training**

Total Number of answerer: 23

1-a How much do you think SMATT has improved the teaching capabilities of TTC/TTS teachers? Choose one from the choices below.

1-a

none	0	0%
little	0	0%
properly	4	17%
much	15	65%
very much	4	17%
total	23	100%

1-b From what evidence can you tell the improvement you mentioned above? Choose all that are applicable.

1-b

a. change in attitudes/habits	5	12%
b. preparation/implementation of lessons	13	31%
c. gaining a reputation	1	2%
d. improvement of the students' performance	19	45%
e. others (please describe below)	4	10%
total	42	100%

2-a Have your staff (TTC/TTS teachers) implemented any in-house training programs to disseminate the skills and knowledge they learned through the SMATT project for fellow teachers who teach other subjects than science and mathematics?

2-a

Yes	15	75%
No	5	25%
total	20	100%

2-b Are there any problems/difficulties to implement such training programs? If yes, what are they?

Choose all that are applicable.

2-b

a. none	1	3%
b. time constrains	15	44%
c. shortage of budget	11	32%
d. no request from the science and math teachers	2	6%
e. no request from the other subjects	5	15%
f. others (please describe below)	0	0%
total	34	100%

3-a Have your staff (TTC/TTS teachers) implemented any training programs to disseminate the skills and knowledge they learned through the SMATT project for primary/lower secondary teachers **by inviting them** to the TTC/TTS?

3-a

Yes	20	91%
No	2	9%
total	22	100%

3-b Are there any problems/difficulties to implement such training programs? If yes, what are they? Choose all that are applicable.

3-b

a. none	1	4%
b. time constrains	9	32%
c. shortage of budget	12	43%
d. no request from the teachers	1	4%
e. no request from primary/lower secondary schools	5	18%
f. others (please describe below)	0	0%
total	28	100%

4-a Have your staff (TTC/TTS teachers) implemented any outreach programs to disseminate the skills and knowledge they learned through the SMATT project **by visiting** primary/lower-secondary schools?

4-a

none	2	9%
little	14	61%
much	7	30%
very much	0	0%
total	23	100%

4-b If they don't, what are the major reasons? Choose all that are applicable.

4-b

a. time constrains	2	13%
b. shortage of budget	6	38%
c. no request from the teachers	5	31%
d. no request from primary/lower secondary schools	2	13%
e. it is no the duty of TTC/TTS	0	0%
f. others (please describe below)	1	6%
total	16	100%

5-a Do your staff (TTC/TTS teachers) utilize the SMATT Teaching Guides for their classes?

5-a

Yes	23	100%
No	0	0%
total	23	100%

5-b What is the advantage of the SMATT Teaching Guides? Choose one that is most appropriate.

5-b

a. good for teachers' self-study	7	28%
b. freed from the burden of making lesson plans	2	8%
c. support of the quality of the lesson	16	64%
d. others (please describe below)	0	0%
total	25	100%

5-c Do you have any suggestions to improve the SMATT Teaching Guides? Please describe below.

Example of lesson to be material
Increase more real pictures
After the TG, it should be improved to be suitable with enough print out

Inform teachers to know about their teaching improvement

more example

6-a Would you like to continue to teach the teaching method/skills introduced by SMATT at your TTC/TTS?

6-a

Yes	23	100%
No	0	0%
total	23	100%

7-a Do you implement class observation regularly?

7-a

Yes	14	64%
No	8	36%
total	22	100%

7-b What do you think is the problem/difficulty to implement class observation? Choose one that is most appropriate.

7-b

a. time constrains	8	31%
b. too much burden	16	62%
c. no necessity	1	4%
d. others (please describe below)	1	4%
total	26	100%

If you have any other comments or suggestions regarding SAMTT that you would like to convey to JICA, please write them below.

Proposed for Math and science teachers continue to apply the concept of SMATT project and apply to other topics as well

Proposed JICA supply budget to TTC/TTS teachers to enhance the knowledge that got from SMATT to general sections

SMATT project is important for teaching and learning, proposal to continue it

SMATT project is very important for developing learning and teaching, agreed to continue the project

Request to continue SMATT project, select staff to train or join workshop should be institute's duty

Request to continue this project
Should be JICA responsibilities for budget in training and should let institute to choose teachers to the workshop because they need teachers improving also. Request to continue the workshop
Request JICA to increase the budget for each workshop because sometimes teachers had to use their school budget even their institutes have not much budget
Provide workshop for knowledge of teaching training institute. improve some budget for appropriate condition, provide the meeting for taking knowledge from SMATT project to implement
Should support the budget without school budget. some context should concern in curriculum
more dissemination to primary and secondary teachers and support more material for them
workshop should be separated for each part of Laos, project should increase more Textbook and TG
If this project is continued, should get more budget, and support school manger for tour study in Japan for 30 days
continue this project
SMATT is important for teaching, proposed for continuation

Questionnaire for TIJ participants

**Name of Study: Terminal Evaluation Study on JICA Technical Cooperation Project
for Improving Science and Mathematics Teacher Training**

Total Number of answerer: 33

1-a Have TIJ improved your teaching capabilities? Chose one from the choices below.

1-a

none	0	0%
little	0	0%
properly	1	3%
much	15	45%
very much	17	52%
total	33	100%

1-b Which aspect of your capabilities has been improved by TIJ? Choose one that is most appropriate.

1-b

a. knowledge on subject matter	3	8%
b. improvement of teaching skills	23	64%
c. mastery of making lesson plan	3	8%
d. no afraid of demonstration lessons (existence of observers)	5	14%
e. others (please describe below)	2	6%
total	36	100%

2-a Do the topics discussed in TIJ meet your needs?

2-a

not at all	0	0%
little	0	0%
properly	3	9%
much	14	42%
very much	16	48%
total	33	100%

3-a Did you meet any difficulties/problems during TIJ?

3-a

none	4	13%
little	22	69%
much	6	19%
very much	0	0%
total	32	100%

4-a Have you implemented any activities to disseminate the skills and knowledge you learned in TIJ?

4-a

Yes	31	100%
No	0	0%
total	31	100%

4-b Are there any difficulties to implement such activities? If yes, what is the most difficult one? Choose one that is most appropriate.

4-b

a. time constrains	15	48%
b. shortage of budget	10	32%
c. no request from any teacher	5	16%
d. difficult to find appropriate activity	1	3%
e. others (please describe below)	0	0%
total	31	100%

5-a Have you done the preparation for implementing WS and ICT appropriately?

5-a

Yes	32	100%
No	0	0%
total	32	100%

5-b Have you carried out your responsibility as a lecturer of WS and ICT?

5-b

Yes	31	100%
No	0	0%
total	31	100%

6-a Have you applied to your lectures what you learned through TIJ?

6-a

none	0	0%
little	1	3%
much	12	38%
very much	19	59%
total	32	100%

6-b Have you applied the new teaching method (child-centered method) to other topics that are not handled in the Teaching Guides?

6-b

little	0	0%
much	20	65%
very much	11	35%
total	31	100%

7-a Have you implemented any training programs for primary/lower-secondary school teachers?

7-a

Yes	26	81%
No	6	19%
total	32	100%

7-b What is the difficulty to implement any training programs for primary/lower-secondary school teachers? Choose one that is most appropriate.

7-b

a. time constrains	14	48%
b. shortage of budget	13	45%
c. no permission of Director	0	0%
d. no request from primary/lower secondary schools	0	0%
e. others (please describe below)	2	7%
total	29	100%

If you have any other comments or suggestions regarding SAMTT that you would like to convey to JICA, please write them below.

not enough budget because no allowance for participants, should provide transport fee and allowance for trainees and expense for training materials sufficiently
Continue giving us in technical
Request to continue the project and look for other project to replace SMATT
Train in Primary and secondary for Child-center
Continue finding the budget to support in technical for Laos
Proposed JICA to support disseminating the result of workshops to primary schools and secondary schools
Request to continue this project
Request for this project to continue supporting primary school and secondary school for basic learning-teaching better result
Request SMATT to supply the budget or materials for implementation school workshop
Not enough budget for student workshop, TTS teachers had to use school budget for going-coming to the workshop
Request JICA to continue this project with enough budget by JICA responsibilities all
Continue the project, increase some materials and budget, increase the budget for the training to regional teachers from each district
Request SMATT to give scholarship for long-term and short term to science-mathematics teachers in TTC and TTS
Request JICA to support the budget to continue SMATT project for next 5 years
Request JICA to continue giving budget for ICT workshop to support teaching-learning to be more dissemination
Every local workshop should supply material faster. and consider the cost contribution according to the real situation
Continue supporting the training for Primary and secondary
Request JICA to support the training for teachers with some scholarship in master course to teachers
Request JICA to give more aids in technical
Request JICA to continue training teachers about produce teaching media
Important materials supply such as; projector. continue implement this project because it can improve teaching skills
Support in experiment material and continue workshops for mathematics and science teachers
Proposed JICA to support disseminating the result of workshops to primary schools and secondary schools

Questionnaire for WS and ICT participants

**Name of Study: Terminal Evaluation Study on JICA Technical Cooperation Project
for Improving Science and Mathematics Teacher Training**

Total Number of answerer: 97

1-a Have WS and ICT improve your teaching capabilities? Choose one from the choices below.

1-a

none	0	0%
little	1	1%
properly	20	21%
much	52	54%
very much	23	24%
total	96	100%

1-b Which aspect of your capabilities has been improved through WS and ICT? Choose one that is most appropriate.

1-b

a. knowledge on subject matter	5	5%
b. improvement of teaching skills	65	65%
c. mastery of making lesson plan	13	13%
d. no afraid of demonstration lessons (existence of observers)	16	16%
e. others (please describe below)	1	1%
total	100	100%

2-a Do the topics discussed in WS and ICT meet your needs?

2-a

not at all	0	0%
little	0	0%
properly	27	29%
much	54	57%
very much	13	14%
total	94	100%

3-a Were WS and ICT appropriate to your needs in terms of the following:

3-a-1) frequency

not at all	0	0%
little	13	15%
properly	46	52%
much	24	27%
very much	6	7%
total	89	100%

3-a-2) training period

not at all	0	0%
little	19	20%
properly	58	62%
much	15	16%
very much	1	1%
total	93	100%

3-a-3) number of participants

not at all	1	1%
little	6	6%
properly	53	56%
much	32	34%
very much	2	2%
total	94	100%

3-a-4) ways of delivery

not at all	0	0%
little	3	3%
properly	20	22%
much	56	61%
very much	13	14%
total	92	100%

3-b Do you have any suggestion to improve WS and ICT?

summarize the lesson because it is too long
NWS and ICT should be the same duration

need more activities with some lesson for demonstrate
should have more demonstration
provide some teachers who have no experience and less experience for each workshop
for NWS should provide in each institute for every teachers, for ICT should provide for regional teachers
Correct content of meeting to the same book
more times
more topics for SMATT project
more activities for workshop and appropriate for the condition and situation
should improve the workshop management
Focus on teaching skills and more content
More times for workshop because too many lecturers
Should have class observation
Select the level of lecturers to teach for each level
Suggest lecturers to well prepare in contents, teaching aid or media and other teaching method
Lecturers should prepare the contents, teaching materials and lecture delivery more skillfully
Select appropriate teacher in each subjects
More teachers in workshop
More times for workshop for expert to send knowledge to TTC/TTS teachers
Focus on professional skills
Agree
Request project to train about teaching media and it produce and new technical skills
Appropriate for internal and local
I got new knowledge to improve my teaching
Advice for improving in designing material for many lesson to use for teaching in each lesson with giving the experiment activities
ICT workshop should be all topics with not limit times
more budget for workshop and for dissemination
Improve in technical and budget
Request primary and secondary teachers to participate in training.
Produce more media in the workshop
disagree in selecting staff by age limited for training in Japan to get new experience
More time management with enough materials in each workshop
More days for workshop with many topics
focus on produce more material
More days for workshop, some policy for all staff
Analyze primary curriculum and appropriate activities for world around us
Request the way to send knowledge to ethnic group
Lecturers should prepare

4-a Do you utilize the SMATT Teaching Guides to improve your class?

4-a

Yes	87	98%
No	2	2%
total	89	100%

4-b Have you applied the new teaching method (child-centered method) to other topics that are not handled in the Teaching Guides?

4-b

Yes	81	91%
No	8	9%
total	89	100%

5-a Have you implemented any training programs for primary/lower-secondary school teachers?

5-a

Yes	27	33%
No	54	67%
total	81	100%

5-b What is the difficulty to implement any training programs for primary/lower-secondary school teachers? Choose one that is most appropriate.

5-b

a. time constrains	16	26%
b. shortage of budget	32	52%
c. no permission of Director	1	2%
d. no request from primary/lower secondary schools	9	15%
e. others (please describe below)	3	5%
total	61	100%

If you have any other comments or suggestions regarding SAMTT that you would like to convey to JICA, please write them below.

Continue some budget to support the project
Request to continue SMATT project and request JICA to select teachers in training institute to study

abroad
JICA should find some budget to continue technical for Laos
JICA should take a look to Lao students and Japanese students before choosing the topics
budget supply for the training workshop to general teachers
need SMATT to continue training workshop and give aid in material with some scholarship to study
Request this project to continue the training workshop to teachers and need to select teachers to train in Japan
Request SMATT to continue support in technical and teaching method
need those training workshop forever
continue support in technical
should have more dissemination
JICA should support 100% not half
should select who have much experience to TIJ
Not enough budget for workshop
Request to continue the project
Need SMATT to continue all workshop and training
need the support in teaching from JICA
Request SMATT to increase more times for workshop
Continue this project with teachers training
should have many topics for national workshop
Request to continue this project
Suggest to take teachers from primary and secondary schools to participate every workshop
Continue the training workshop with some scholarship for master
Request JICA to continue support this project
Help material and budget appropriately
Proposed to continue project
SMATT project can improve teaching technique. After finishing this project, it should have workshop for exchange lesson. If continue this project, it should let teachers who never train in Japan to train in neighboring country such as, Thai, Viet....
Continue this project
Request to continue project, more duration for workshop
Proposed for continuing to upgrade knowledge on Science and Math in master level or by distance learning
Training/workshop should be more longer because the contents are many topics
Request project to give some scholarship for primary training with some material
Continue the workshops, more per diem and transport. discussion about lesson from Japan
Request to continue this project if it is possible
New content in teaching, new teaching method, new lesson
Request to continue SMATT Project

To continue this project please
Request SMATT to observe and support technical to primary and secondary school in order for learning-teaching get better result
need this project to implement again and continue forever to improve in learning-teaching
Request SMATT to provide such workshop and focus on teachers' major
Request this project to be here forever in order to improve in learning -teaching
Express greatly thanks for supporting and I hope that JICA will continue giving help to us, all knowledge and lesson we got from SMATT activities are very useful in our teaching, then request JICA to continue support SMATT project
Request project to take Lecturers in Laos to study in Japan
Request SMATT project be for so long time in order to improve Science and Mathematics
should set appropriate budget for accommodation and transport, give more budget fro TIP
Request this project to continue giving scholarship to teachers in TTC&TTS to study master
Request more workshops with enough budget and lots of science materials
Request to continue the training for this project and give some scholarship to teachers in TTC & TTS
TIP is very useful for teachers but no much budget to dissemination to other area. our TTC has not received any budget to dissemination
continue this project and add more duration for TIJ from 2 months to be 3 months
teachers have chance to exchange lesson in technical to other schools
some context lesson for science in workshop are missing,
mobile training to exchange secondary lesson
Request enough materials supply for all participants
Request expert to be institute in order to help in technical
For workshop should let old teachers join in order for taking lesson to students more easier
Request project to train about knowledge in Science for Science teachers
should not limit ages fro training in Japan
Request to continue project because we get a lot of experience from this project
Request SMATT to continue the workshop for us to get more knowledge and teaching skills
Got a lot of new lesson from SMATT project, so request to continue the project
Request to continue project and continue donation
Request SMATT Project to help in education, budget and some material now and forever
Project should response all budget, give activities for teachers after workshop or training
Proposed for continuing to upgrade knowledge on science and Math level or by distance learning

Questionnaire for TEADC and DTT officials

**Name of Study: Terminal Evaluation Study on JICA Technical Cooperation Project
for Improving Science and Mathematics Teacher Training**

Total Number of answerer: 7

1-a Have you attended or observed any training programs provided by SMATT?

1-a

Yes	6	100%
No	0	0%
total	6	100%

1-b What kind of teaching capability do you think the training program(s) aimed to improve?
Choose all that are applicable.

1-b

a. knowledge on subject matter	5	22%
b. teaching skills (pedagogical skill)	5	22%
c. knowledge and skills of making lesson plan	7	30%
d. lesson observation skills	4	17%
e. overcoming the uneasiness about demonstrating lessons in front of observers	2	9%
f. others (please describe below)	0	0%
total	23	100%

2-a Do you think the training programs contributed to improving the teaching capabilities of the participants (TTC/TTS teachers)? Choose one from the choices below.

2-a

none	0	0%
little	0	0%
properly	0	0%
much	3	43%
very much	4	57%
total	7	100%

2-b From what evidence can you tell the improvement you mentioned above? Choose all that are

applicable.

2-b

a. change in attitude/habit	5	29%
b. preparation/implementation of lessons	6	35%
c. gaining a reputation	2	12%
d. improvement of the students' performance	4	24%
e. others (please describe below)	0	0%
total	17	100%

3-a Do you think the SMATT Teaching Guides are worth utilizing continuously in TTC/TTS?

3-a

Yes	7	100%
No	0	0%
total	7	100%

3-b What is the advantage of the SMATT Teaching Guides? Choose one that is most appropriate.

3-b

a. good for teachers' self-study	3	38%
b. freed from the burden of making lesson plans	1	13%
c. support of the quality of the lesson	4	50%
d. others (please describe below)	0	0%
total	8	100%

3-c What contents (skills, knowledge, etc.) of the Teaching Guides need to be improved/revise? Write your comments below.

more topics with basic knowledge
good content and knowledge
Add more content for using local materials to make teaching aid
more content
knowledge and skills should focus on making students teacher to teach in school
should improve every years by teachers' commendation

3-d What other contents should be added to the Teaching Guides? Write your comments below.

more example
should have more pictures for activities
teaching plan for primary teachers
new teaching technique to relation with teaching in primary and lower secondary

3-e Do you have any plan to make the Teaching Guides suitable for primary/lower-secondary teachers?

3-e

Yes	4	57%
No	3	43%
total	7	100%

4-a Do you monitor the SMATT activities regularly?

4-a

Yes	7	100%
No	0	0%
total	7	100%

5-a Will you continue any training programs for TTC/TTS teachers even after SMATT is over?

5-a

Yes	5	83%
No	1	17%
total	6	100%

5-b If you don't continue, what is the reason? Choose the most appropriate one.

5-b

a. time constrains	0	0%
b. too much burden	1	100%
c. no necessity	0	0%
d. others (please describe below)	0	0%
total	1	100%

If you have any other comments or suggestions regarding SAMTT that you would like to convey to JICA, please write them below.

much cost contribute for institutes
SMATT can help improving teachers
JICA should continue supporting in training for primary teacher or promote in making textbook
budget for transport should be suitable for participants
more budget for translation
after finishing SMATT project, proposed JICA to find new ways in improving and develop in teaching-learning in Lao PDR