

**Structure of Programme for the Course on
Developing Lesson Study in Mathematics Education
for Elementary School Mathematics Teachers at QITEP in Mathematics
Periods: 24 April – 12 May 2012 (Allocated Time: 120 × 45 minutes)**

No.	Component	Time Allocation (hour)	Percentage (%)	Facilitators
A	General Components	3	2.5	
1	Policy of the Ministry of Education and Culture of the Republic of Indonesia on SEAMEO QITEP in Mathematics	3		Prof. Subanar, PhD. (RP)
B	Core Components	108	90.0	
1	Overview of teaching and learning mathematics in elementary school			
	a. Philosophical and theoretical grounds of mathematics education	3		Prof. Isoda Masami (RP)
	b. Empirical evidences and current trends of mathematics teaching practice	4		Prof. Isoda Masami
	c. Instructional Design (lesson plan, teaching material, worksheet, evaluation sheet)	5		Prof. Yaya Kusumah, PhD.
	Introduction to Lesson Study			
	a. Concept of lesson study and how to implement it	2		Prof. Isoda Masami (RP)
	b. Establishing system for the proposed lesson study activities	3		Muchtar A. Karim, MA.
2	c. Supporting factors of lesson study activities	3		Dr. Marsigit (RP) Sahid, MSc.
	d. Preparation for lesson study activities	3		Prof. Yaya Kusumah, PhD.
	e. Monitoring and evaluation of lesson study activities	4		Muchtar A. Karim, MA.
	f. Sustaining the programme of lesson study activities	2		Muchtar A. Karim, MA. (RP)
	g. Program Design for Lesson Study	4		Dr. Marsigit
	Implementation of Lesson study (Plan)			
	a. References for teaching material	6		Dr. Ida Karnasih
3	b. Using ICT for developing teaching material	2		Dr. Ida Karnasih (RP)
	c. Producing material for lesson study	12		Puji Iryanti, MScEd. Sahid, MSc.
	d. Presenting and refining material for lesson study	6		Fadjar Shadiq, MAppSc. Pujiati, MEd.
4	Implementation of Lesson study (Do and See)	28		
	Publishing the report and Designing the follow-up program			
5	a. Publishing the report (Monitoring and Evaluation)	12		Dr. Wahyudi Punang Amaripuja, SE,ST,MIT. Sriyanti, MHum.
	b. Designing the follow-up program	5		Dr. Wahyudi Sriyanti, Mhum.
	ICT for Mathematics Teachers			
6	a. The Use of Computer for Mathematics Teachers	4		Fajar NH, MEd. Indarti, MEd.
C	Supporting Components	9	7.5	
1	Pretest & Posttest	2		Fadjar Shadiq, MAppSc. Indarti, MEd.
2	Orientation	2		Committee
3	Group Dynamic	2		Group Dynamic Team
4	Understanding SEAMEO Countries Cultures	3		Committee
	Total Hours	120	100	

Schedule for the Course on (2nd DRAFT)
Developing Lesson Study in Mathematics Education
for Elementary School Mathematics Teachers at QITEP in Mathematics
Periods: 24 April – 12 May 2012 (Allocated Time: 120 × 45 minutes)

Day & Date	\Time \	08.00 - 08.45	08.45 – 09.30	09.30 – 10.15	10.15 – 10.45	10.45 – 11.30	11.30 – 12.15	12.15 – 13.30	13.30 – 14.15	14.15 – 15.00	15.00 – 15.30	15.30 - 16.15	16.15 – 17.00
Tuesday, 24 April 2012	Topic	Opening	Policy of the Ministry of Education and Culture of the Republic of Indonesia on SEAMEO QITEP in Mathematics	Prestest		Orientation			English for maths teacher	
	PIC	Committee	Prof. Subanar, PhD (RP)			Cont'd	FS, Indarti		Committee			Punang, Sriyanti	
Wednesday, 25 April 2012	Topic	Philosophical and theoretical grounds of mathematics education				Concept of lesson study and how to implement it			The Use of Computer for Mathematics Teachers			Publishing the report (Monitoring and Evaluation)	English ...
	PIC	Prof. Isoda Masami (RP)				Prof. Isoda Masami (RP)			Fajar NH, MEd; Indarti, MEd.			Wahyudi, Punang, Sriyanti	Punang, Sriyanti
Thursday, 26 April 2012	Topic	Empirical evidences and current trends of mathematics teaching practice				Empirical ... (cont'd)	Preparation ...		Preparation for lesson study activities			Instructional Design ...	English ...
	PIC	Prof. Isoda Masami				Prof. Isoda	Prof. Yaya		Prof. Yaya Kusumah, PhD.			Prof. Yaya	Punang, Sriyanti
Friday, 27 April 2012	Topic	Group Dynamic		Instructional Design ...(cont'd)		Instructional Design ...(Cont'd)			Instructional Design (lesson plan, teaching material, worksheet, evaluation sheet)			Supporting factors of lesson study activities	
	PIC	Group Dynamic Team		Prof. Yaya		Prof. Yaya			Prof. Yaya Kusumah, PhD.			Dr. Marsigit; Sahid, MSc.	
Monday, 30 April 2012	Topic	Supporting ... (cont'd)	Program Design for Lesson Study			Program ... (Cont'd)			Establishing system for the proposed lesson study activities			Establishing ... (Cont'd)	Monitoring ...
	PIC	Dr. Marsigit (RP) Sahid, MSc.	Dr. Marsigit			Dr. Marsigit			Muchtar AK, MA.			Muchtar AK, MA	Muchtar AK, MA
Tuesday, 1 May 2012	Topic	Monitoring and evaluation of lesson study activities				Sustaining the programme of lesson study activities			Using ICT for developing teaching material			References for teaching material	
	PIC	Muchtar AK, MA.				Muchtar AK, MA. (RP)			Dr. Ida Karnasih (RP)			Dr. Ida K.	
Wednesday, 2 May 2012	Topic	References for teaching material				References for teaching material			Producing material for lesson study			Producing ... (Cont'd)	
	PIC	Dr. Ida Karnasih				Dr. Ida Karnasih			PIR, FS, PJ, SH			PIR, FS, PJ, SH	
Thursday, 3 May 2012	Topic	Producing material for lesson study				Producing material for lesson study			Producing material for lesson study			Producing material for lesson study	
	PIC	PIR, FS, PJ, SH				PIR, FS, PJ, SH			PIR, FS, PJ, SH			PIR, FS, PJ, SH	
Friday, 4 May 2012	Topic	Presenting and refining material for lesson study				Presenting ... (Cont'd)			Presenting and refining material for lesson study			19.00 – 22.00 (SEAMEO Countries Coulture)	
	PIC	PIR, FS, PJ, SH				PIR, FS, PJ, SH			PIR, FS, PJ, SH				

Day & Date	\Time \	08.00 - 08.45	08.45 – 09.30	09.30 – 10.15	10.15 – 10.45	10.45 – 11.30	11.30 – 12.15	12.15 – 13.30	13.30 – 14.15	14.15 – 15.00	15.00 – 15.30	15.30 - 16.15	16.15 – 17.00	
Monday, 7 May 2012	Topic	Do & See (LS Implementation) (cont'd)				Do & See (cont'd)				Do & See (Reflection)			Designing the follow-up program	
	PIC	Puji Iryanti, Sahid, Fadjar Shadiq, Pujiati (LS Team)				(LS Team)				(LS Team)			Dr. Wahyudi & Sriyanti, Mhum.	
Tuesday, 8 May 2012	Topic	Do & See (LS Implementation): at 2 schools, each 2 classes				Do & See (cont'd)				Do & See (Reflection)			The Use of Computer for Mathematics Teachers	
	PIC	Puji Iryanti, Sahid, Fadjar Shadiq, Pujiati (LS Team)				(LS Team)				(LS Team)			Fajar NH, MEd; Indarti, MEd.	
Wednesday, 9 May 2012	Topic	Do & See (LS Implementation) (cont'd)				Do & See (cont'd)				Do & See (Reflection)			Publishing the report (Monitoring and Evaluation)	
	PIC	Puji Iryanti, Sahid, Fadjar Shadiq, Pujiati (LS Team)				(LS Team)				(LS Team)			Wahyudi, Punang, Sriyanti	
Thursday, 10 May 2012	Topic	Do & See (LS Implementation) (cont'd)				Do & See (cont'd)				Do & See (Reflection)			Post test	
	PIC	Puji Iryanti, Sahid, Fadjar Shadiq, Pujiati (LS Team)				(LS Team)				(LS Team)			FS, Indarti	
Friday, 11 May 2012	Topic	Publishing the report (Monitoring and Evaluation)				Publishing the report (Monitoring and Evaluation)				Publishing the report (Monitoring and Evaluation)			Publishing the report (Monitoring and Evaluation)	
	PIC	Wahyudi, Punang, Sriyanti				Wahyudi, Punang, Sriyanti				Wahyudi, Punang, Sriyanti			Wahyudi, Punang, Sriyanti	
Saturday, 12 May 2012	Topic	Publishing the report ... (Cont'd)	Designing the follow-up program			Designing the follow-up program				Closing				
	PIC	Wahyudi, Punang, Sriyanti	Dr. Wahyudi & Sriyanti, Mhum.			Dr. Wahyudi & Sriyanti, Mhum.				Committee				