



**BENKEL PENGEMBANGAN PROFESIONAL GURU-GURU PANITIA SAINS
BAGI PEMANTAPAN 88 SEKOLAH BESTARI**

**18–20 DECEMBER 2006
RENAISSANCE KUALA LUMPUR
(Arcade 5)**

Monday, 18 December 2006	Activities
12 pm – 4.00 pm	Hotel Check-in for Participants
4.00 pm – 4.30 pm	Initiating Activity 1: Ice- breaking
4.30 pm – 5.00 pm	Initiating Activity 2: Initiating brainstorming of Science Teachers' existing understandings of science courseware integration * What are they doing now?
5.00 pm – 6.00 pm	Initiating Activity 3: 'Hands On' Identification and Categorization of Science Courseware <i>Science Teachers' awareness of the PPSMI initiative and the various other available courseware</i>
6.30pm -8pm	Dinner at Coffee House
8.30 pm – 10.00 pm	Initiating Activity 3: 'Hands On' Identification and Categorization of Science Courseware <i>Science Teachers' awareness of the PPSMI initiative and the various other available courseware</i>
10.00 pm	Supper End of Programme
Tuesday, 19 December 2006	Activities
8.30 am – 9.00 am	What science education research says about courseware

	integration
9.00 am – 9.30 am	Application of cognitive and constructivist learning theories in courseware integration in science teaching and learning
9.30 am– 10.30 am * ¹ This package will have 2 sample science lesson plans for the different educational levels which will be used to introduce the idea of effective integration	Overall ‘Hands – on’ practice and application of Sample Science Lesson Plans Package 1*¹ on general science or integrated science (each lesson plan for 35 – 40 minutes) <ul style="list-style-type: none"> <i>This will be carried out as group work – the groups will be work separately in primary, lower secondary and upper secondary science teachers.</i> <i>The Multiple Intelligences applications to integration will be introduced</i>
10.30 am – 10.45 am	Tea Break
10.45 am – 11.30 am	Critique and debate on Sample Science Lesson Plans Package 1*
11.30 am – 1.00 pm * ² This package will have 2 sample science lesson plans for the different educational levels which will be used to introduce the idea of the inquiry approach to effective integration	Hands – on’ Practice and application of the Inquiry and Constructivist Approaches to the integration of courseware. Sample Science Lesson Plans Package 2*² on general science or integrated science (each lesson plan for 35 – 40 minutes) After discussions within their respective groups – selected groups will have to present and demonstrate how the lesson plan can be realized.
1.00 pm – 2.00pm	Lunch at Coffee House
2.00pm – 2.45 pm	Critique and debate on Sample Science Lesson Plans Package 2*²
2.45 pm – 4.15 pm * ³ This package will have instructions and guidelines in the planning and preparation of lesson plans for effective integration	‘Hands – on’ Practice and planning of lesson plans for the integration of courseware. Sample Planning and Preparation of Lesson Plans Package on general science or integrated science (each lesson plan for 35 – 40 minutes)
4.15 pm – 4.30 pm	Tea Break
4.30 pm- 5.30 pm	Discussion of an ASSIGNMENT

6.30 pm – 8.30 pm	Dinner at Coffee House
8.30 pm – 10.30 pm	1) Discussion and finalization of Assignment 2) Presentation of lesson plans with rationale –session 1 3) Presentation of lesson plans with rationale –session 2 4) Reflection and Question about the workshop
10.30 pm	Supper
Wednesday, 20 Dec 2006	Activities
8.30 am – 10.30 am	Introduction and Hands-On Training on the Smart School Online Monitoring System by OneStop DotCom Sdn. Bhd
10.30 am – 11.00 am	Tea Break
11.00 am - 11.05 am	Remarks by MOE
11.05 am – 12.00 pm	Briefing by Yg Berusaha Dr. Norrizan Razali, Senior Manager, MDeC
12.00pm	Lunch at the Coffee House Hotel Check Out End of Programme

THANK YOU