

Mathematics - KOER III Workshop - Final-Feb 13-15- 2014 - For printing

Topic	Time	Objectives/ Outcomes	Assignment/ Homework/Prior work	Resource Required
Day 1				
Introduction and overview	9.30 – 10.00	Sharing the agenda and the plan of action		
Sharing of experiences from the cascade training	10.00 – 1.00	Shared understanding of the district workshops; what worked, did not work, what needs to change; share compiled feedback	Teachers' presentation on cascade work	
Lunch	1.00 – 2.00			
Use of Geogebra in classrooms	2.00 – 5.00	Exemplars followed by practice time. How to use Geogebra for teaching learning; extensions in classrooms for class 9 topics		
Day 2				
Reflections from Day 1	9.30 – 10.00	Reflections and learnings from Day 1		
OERs and participatory resource creation - the KOER model	10.30 – 1.00	Introducing the participants to OERs; how OERs are made, accessed; what is KOER; principles of this research; buy-in to participate as an action research community; list of OER websites/ demonstrate		1. Presentation on OER; KOER 2. NCF TE recommendations 3. What is participatory action research? 4. List of sites
Lunch	1.00 – 2.00			
Presentation of an exemplar	2.00 – 3.00	How can one look at a topic of learning in a coherent way and how to connect it to different levels (syllabus topic mapping to teams, across 8,9,10); What are the units? How can we start it? Immediate needs? Why?		
Completion of questionnaire – Q1	3.00 – 3.30	Understanding teacher views on resources; technology for learning	Questionnaire – Q1	5. Questionnaire
Email as a learning methodology	3.30 – 6.00	Thunderbird installation in laptop by teachers, using tags and filters; Configuring Gmail on Thunderbird; STF mails as a learning resource; organizing, accessing offline, practise		6. Thunderbird presentation

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Day 3				
Reflections from Day 2	9.00 – 9.30	Reflections and learnings from Day 2		
Introduction to Turtle Art	9.30 – 11.00	Sample lessons and practice for Turtle Art		
Completion of resources on the wiki for assigned topics	11.00 – 1.00	Look at their own topic resources, complete, look at material shared, refine and complete resources; Evaluate and reflect on their evaluation; share this reflection as a journal		6. Check list of available resources
Lunch	1.00 – 2.00			
Feedback and refinement of the resource portal	2.00 – 3.00	Design of the wiki – feedback; Plan for Class 10; assign topics; ideate on topics		
Plan forward and session feedback	3.00 – 4.30	Next steps, individual teacher contributions, way forward. Complete feedback		
Administrative processes/ Closing	4.30 – 5.00			