

DRIVING FORCES BEHIND SCHOOL MATHEMATICS CURRICULUM CHANGE IN ASIA

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Short description of the DG

There are many different driving forces behind every mathematics curriculum change around the world including politics, values and culture. In recent time, one of the driving forces behind mathematics curriculum changes has been international assessment results. For instance, every four years, after the TIMSS results are released, many officials in various education systems tempting to take some remedial measures to improve their countries' ranking by the next TIMSS.

The scope of this proposal is to discuss the root causes of such hasty and sudden decisions. The proposers invite the audience to discuss the ways in which, school mathematics curriculum be altered and adjusted in such ways to keep the balance between local and global situations and to use research findings properly to suit different education systems.

Both organizers have been involved in mathematics curriculum design and textbook writing at the national level in two decades and in this decade, they have been involved in evaluating new mathematics curriculum in Iran

Planned structure (21:30 – 23:00, July 14):

Planned timeline	Time Allocated	Planned activity	Topic	Working format /Responsible person
1 st Meeting (45 min)	10 min	Introducing the aim of the DG	Rationale for DG	Zahra Gooya
	20 min	Open the floor for participants to discuss the controversial or emerging issues and/ or dilemmas they have faced in mathematics curriculum in their countries	Driving forces behind mathematics curricula change/ reform in some of the Asian countries.	Soheila Gholamazad (White/ chalk board)
	15 min	Discussion among team members & Participants	Major driving forces and controversial issues in math curriculum reform	Chair & Co- chair (White/ chalk board)

Last names of the organizers

2 nd Meeting (45 min)	20 min	Challenging participants with the identified issues in the 1 st meeting	The relation between local characteristics and math curriculum reform/ change	A volunteer from team members/ participants (Video projector)
	15 min	Examining the development of a framework for studying math curriculum changes in Asia	A possible framework for studying math curriculum changes in Asia	Soheila Gholamazad (Video projector)
	10 min	Planning next DG?	Where to go from here?	Whole participants (Video projector)