

. What Challenges & ack Motivation Diverse Ability -> Divene Home Support > Low Confidence Deak Foundation -> Needs Spoon-feeding Big Classisize 7 -> May have -ve grp think in weak classes DEPAUL UNIVERSITY





- In order to improve the teaching of math in the United States, we need to engage students in exploring mathematical relationships and wrestling with key mathematical ideas. Unfortunately, it's not possible to achieve this goal simply by identifying best practices.
- Listening to experts during special professional development days does not translate into improved teaching. Effective teacher learning must be built into teachers' daily and weekly schedules. Schools must become the places where teachers, not just students, learn.

(Closing the Teaching Gap, 2009)

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	for mathemo	ifics feacher educe	ation
	For becoming level 1 Teacher	For becoming level 2 Teacher	For becoming Level 3 Teacher
Phase 1 Professional Development	Reviewing the contents for teaching •Workbooks •Online courses	Undergraduate courses for prospective teachers •Books •Online resources •Classroom videos •Classroom observation	Undergraduate courses for prospective teachers •Books •Classroom videos •Classroom observation Professional development programs for practicing
			teachers •Workshops •Summer Institute
Professional Development	Developing lesson plans Mock up lessons	Lesson study Student teaching	School based District wide

A f	ramework for deve for mathemo	eloping programs a Itics teacher educc	nd resources ation
	APEC HRDWC	G Knowledge Bar	nk Wiki
2.	For becoming level 1 Teacher	For becoming level 2 Teacher	For becoming Level 3 Teacher
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