

		IMPOR TANCE				PREPA RATION		
	<i>In the left section, please rate each of the following items in terms of its importance for effective mathematics instruction. In the right section, please indicate how prepared you feel to do each one.</i>	Not Important	Somewhat Important	Fairly Important	Very Important	Not Adequately Prepared	Somewhat Prepared	Fairly Well Prepared
1	Developing students' algorithmic thinking through algebraic connections							
2	using doing and undoing to promote algebraic thinking							
3	Building rules to represent functions							
4	abstrating from computation							
5	Assessing students' mathematical learning and take the next steps.							
6	Posing good mathematical questions and problems that are productive for students' learning.							
7	Making judgments about the mathematical quality of instructional materials and modify as necessary.							
8	Responding productively to students' mathematical questions and curiosities.							
9	Using mathematically appropriate and comprehensible definitions with students.							
11	Using technology with students to make algebraic connections							
12	Giving access for mathematical learning to all members of a diverse population.							
13	Identify and make algebraic connections among various mathematical topics.							
14	Representing mathematical ideas and concepts carefully in multiple ways.							
15	Make connections between physical, graphical models and symbolic notation.							

Instrument

Pre-Service Elementary Mathematics Teachers' Beliefs and Self-Efficacy

ID ____/____/____
(Birthday: Month/Day/Year)

[illegible]