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Yamaba is the highlight or climax of a lesson. Japanese teachers talks about Yamaba with shared beliefs that a lesson should have a climax in order to be interesting and exciting to students, just like a drama or a story.

"Matome" (summing up)

Japanese teachers think that this stage is indispensable to any successful lesson. At Matome stage Japanese teachers tend to make a final and careful comment on students' work in terms of mathematical sophistication.





The Unit Plan of "Linear Function" and the Corresponding Lessons in the LPS data

Teaching Unit	Sub-Units	Lessons in the sub units and topics to be taught	Data in LPS
" L i n e a r Function"	1. "Changing variable and linear	Lesson 1-1: Finding variables in the "step problem"	JP1-1
(16 class periods)	function—Part One"	Lesson 1-2: Exploring the relationship between the number of	JP1-2
		steps and length of perimeter	JP1-3
	2. "Changing variable and linear	Lesson 2-1: Finding variables in the "paper holding problem"	JP1-4
	function—Part	Lesson 2-2: Exploring the relationship between the number of	
	1 WO	steps and length of perimeter	JP1-5
			JP1-6
		Lesson 2-3: Reflecting on the exploration	
			JP1- 7
	3. "Change of Values of linear function and the	Lesson 3-1: Drawing the graph of linear functions: slope and y- intercept	JP1-8
	Graph"	Lesson 3-2: Drawing the graph of y=-2x+4,	JP1-9
			JP1-10



Table 1: Numbers of lessons that included explicit linking within and across lessons











