

<p>Description: Building Towers Selecting from Two Colors for Guess My Tower, Clip One of Five: The Meaning of "At Least" Parent Tape: Guess My Tower – Michelle and Milin View Location: Harding Elementary School Researcher: Professor Carolyn Maher</p>	<p>Transcriber(s): Sran, Manjit Verifier(s): Liberman, Melissa Date Transcribed: Spring 2009 Page: 1 of 3</p>
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1.		R1:	<p>Okay. Now your job, as Milin was saying a while ago, is to figure out the choice that you would make. Maybe all the choices are just the same, but to think and make and if that's the case, that's what you might say, "It doesn't make any difference, my lucky number's four.", you know. But you're supposed to figure out which choice you would make you and your partner together. You may have different ideas so you can certainly do that. But you're to figure out which choice would you make and why you think that this choice is better than any of the others, okay? And before we go any further, you can do anything you want to figure that out. You'll note we have stuff around like Unifix cubes; you've got your markers. I want your choice and your reasons for your choice, whatever those reasons are, whether they're pictures or things, or whatever. Can we use the pink paper to do that on? Okay? And so come up with your choice and your argument for your choice.</p>
2.		Milin:	At least two cubes are yellow.
3.		Michelle:	I put that because if one cube is yellow then You would still get that and that it says at least two cubes yellow.
4.		Milin:	Yeah but look at this that means there is only one red cube right? So that means that there is only three ways that you could get that. <i>(the bell rings)</i> so if you want to pick...
5.		Michelle:	There is two ways you can- see at least two cubes are yellow and there is only one red is the same thing outside?
6.		R3:	I am sorry to interrupt you two. Milin would you mind coming sitting over here so the camera can see you. <i>(Milin moves to the opposite side of the table)</i>

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7.		Michelle:	You could either pick two or four cause it is the same thing
8.		Milin:	No
9.		Michelle:	Yeah you could yeah because at least two cubes
10.		Milin:	Yeah but that could mean three cubes are yellow.
11.		Michelle:	No. That's true it could mean three cubes are yellow but then that would be that all the cubes are yellow but then it would be that all the cubes are the same color
12.		Milin:	Well that would be at least you could – this is the highest possible way that you could win
13.		Michelle:	That's true because- but I don't know if they would count as three as all of them 'cause this one then you would pick this one, all the cubes are the same color
14.		Milin:	So, this would be a lot better than this
15.		Michelle:	I know but what if they count that as only two cubes.
16.		Milin:	It says at least
17.		Michelle:	Ok
18.		Milin:	Number three says that exactly two cubes are red.
19.		Michelle:	I know
20.		Milin:	Exactly and at least are two different things. Where is my pencil? <i>(looks for his pencil)</i>
21.		Michelle:	So we will pick number four. Why would we pick it?
22.		Milin:	Because that is the highest possible way!

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23.		Michelle:	But we have to explain why it is the highest possible way.
24.		Milin:	That'd be easy, this has only two ways, this has three ways nah this- yeah this has three ways, this has-
25.		Michelle:	I don't get what you are talking about Milin.
26.		Milin:	Uh... exactly two red- exactly two-
27.		Michelle:	This says exactly two cubes are yellow but what if one cube is yellow?
28.		Milin:	Ohm!!!
29.		Michelle:	I think we would pick this because you can win if it has two or three.
30.		Milin:	Yeah.
31.		Michelle:	So we would put write four down (<i>Milin writes 4</i>) let's write four down. And write because... how could we put it in words? Because you could win if its two yellow or three yellow (<i>both write down the explanation</i>)