

Building Classroom Climates -- 2nd Grade – Making Sense of One's Own and Others' Learning
Video transcript from Day 14: Anticipating student misconceptions

MIA BULJAN: Here's what I think will happen today. I'm going to give them ones that don't require regrouping. And so, I think what they'll do is they'll build both parts, and because they can take it out of here with no drama they will. So they'll ignore that part that they don't need. They'll just build it and ignore it. That's what I think I'm going to see today. And so my job is to walk around and just keep saying, "Where are the ones that you're giving away? Where are the ones that you're giving away?" Because tomorrow or Monday I'm going to give them ones that would require regrouping, they're going to fall apart again and my job is to keep saying, "But you already told me you know that they are where? Inside here or outside? Inside, right?" So I want them to sort of have that language and that description, and I want it to be, like, sort of, they can just keep saying that over and over again.

MIA BULJAN: So the 30 that he gave away were already inside the 60.

MIA BULJAN: I think I can teach them, direct teach them how to build and take it away, and then I think the minute I let them do it on their own they'll keep doing that misconception no matter what. So we're just addressing this misconception for as long as it takes.

MIA BULJAN: Okay, so we're going to add this idea and you said that when he gives away his Legos...who's he? When he gives away his Legos. Who is that?

STUDENTS: Aisea.

MIA BULJAN: Okay. When he gives away his Legos, they came from where?

STUDENT: From his hand.

MIA BULJAN: What were you going to say, Leilani?

STUDENT: I just can't see.

MIA BULJAN: Oh, I'm going to move it in one second because I can't write and turn it. When Aisea gives away his Legos, they came from his hand. So when he counted out his Legos, he gave them away from the ones that he had. Lisette, does that make sense to you?

STUDENT: Yes.

MIA BULJAN: You sure? Okay, I'm just asking. Are you ready? Okay, here's your numbers. "Aisea had 58 Lego Ninjagos. He gave 30 to Krishneil. How many Lego Ninjagos does he have now?" Let me see your thinking face. What's the first thing you're going to do when you get your math bag? Dallan?

STUDENT: Just start.

MIA BULJAN: Get started. What...how would we get started on this problem? What should we make? Sheria, what should we make?

STUDENT: 58 and 30.

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MIA BULJAN: Mm, how many people want to use tens today to solve this problem? How many people want to use ten sticks? Alright, let's try it.

MIA BULJAN: They were a lot more confused than I thought they would be. They had sort of lost traction on...lot of kids were putting things together. They told me the answer was 88 in the beginning. I was really surprised.