

## Where's the Math (Webcast #1) Block Towers Lesson

Dr. Copley: Wow. How really good. How tall are they? Wow. See how... see how tall you can go. See how high you can go. My goodness, look how tall. Be careful. Oh, yes. Yes. Good.

Child 1: Look what I did! Miss Copley?

Dr. Copley: See how tall you can go. Can you get it to go real high? That's neat. But, oh, well, try it again. See how tall you can get it.

Child 1: Mine is not... mine keeps falling.

Dr. Copley: Can you keep going up high? Can you build up maybe? That's good to do the side. Great going. You can get some more blocks. We'll put more blocks out. How high can you go? Wow, yours is tall too. Yours is just a little taller than hers is. Just a little taller. Oh, my, you're doing good. Look how tall that one is, oh, my, wow go, yes, that's great, yes. Wow, yes. Oh, well, try it again... Are you going to use that one on your blocks? You going to use this one on your blocks? Is this -- is this a good block to use?

Girl: No.

Dr. Copley: Why not?

Children: Because it is -- because -- It would knock out, it would knock out.

Dr. Copley: It would knock out? Yeah, it would knock out. Well, keep going. Do you need more blocks? What would I start with? A rectangle, one that has a rectangle on the side? And you said I should use a red one?

Child 2: No, a square.

Dr. Copley: A square one? Well, let's see if I can find one with a square on it and rectangle.

Child 2: I can see a square!

Dr. Copley: Look, this one, this one has a square, on this side, and this has a rectangle here, that would work. Now, how should I put it, should I put it like there or that. You can only use your words, and Miss Copley has to see if she can do it. Can I put it this way or this way? Help me.

Child 3: This way!

Child 4: No, not standing up -- upside down.

Dr. Copley: Upside down? Like this? Like this?

Child 5: Not standing up!

Child 4: Squares like Spongebob!

Dr. Copley: Like Spongebob? Like this?

Child 1: Yeah, yeah, yeah!

Child 3: I just watched him on TV.

Dr. Copley: Okay, I want to hear his words, I want to hear, you said "like Spongebob, make it like that." Does this work like this?

Child 4: Yes!

Dr. Copley: All right.

Child 4: That's like Spongebob, and he has feet.

Dr. Copley: And he has feet. This guy doesn't have feet, does he? No. Okay, yes, sir. All right, what would you like me to go to next? Tell me what's the block I should use next. What would you think? Because you guys made tall towers. Could you describe the ones. Could you tell me?

Child 2: This one right here.

Dr. Copley: This big one here? Okay, what would you, where would you like me to

put it? Raise your hand if you... Do you want me like this?

Children: Yes.

Dr. Copley: Or like this?

Child 4: Yes, like that.

Dr. Copley: Like this?

Child 5: No, square one, like...

Dr. Copley: Okay, so if do I it like this, okay, everybody go "yes" with me. Yes. Okay. All right. Now, to help me out, give me what blocks should I use next? Let's listen to Andrea tell us. Which blocks should I use next?

Child 4: His name is Andrea.

Dr. Copley: Andrea. I'm sorry. Andrea.

Andrea: Blue.

Dr. Copley: Blue, you want me to use a blue one. Should it be this shape like this?

Child 4: No, that's baby blue or something.

Dr. Copley: Oh.

Child 4: Light blue.

Dr. Copley: Is it okay is light blue what you want me to use? Is this the block I should use. How should I put it?

Child 1: Like this.

Dr. Copley: Like how? Like how?

Child 1: Like this.

Dr. Copley: Like this?

Child: No.

Dr. Copley: Use your words, remember, use your words, what would I do?

Child 1: Like this.

Child 4: Lay it upside down.

Child 2: Yes. Lay down.

Dr. Copley: Lay it down. Oh, like this?

Child 4: Yes.

Dr. Copley: Oh because somebody made one with them like this. Were you the one that made them like this?

Child 4: I made it.

Dr. Copley: Because if I did it this way...

Children: It would fall off!

Dr. Copley: It'll fall off, so I should do it like this.

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