

**Kindergarten Matters:
Re-imagining Literacy and Mathematics Throughout the Day
Making Connections to Build Working Theories**

[educators and students sit in a circle around 3 birds in a cage]

EDUCATOR 1: So you guys have some amazing questions and observations about the birds. I'm going to put them over to the side right now. And just before we get into our work this morning, while I'm putting those away, maybe Mrs. [inaudible] can help make some connections, and think about other things that change, okay? So, I know you have lots to say about the birds. We're going to have lots of time to research them because we're adopting them!

STUDENT 1: Mrs. [inaudible], I got a bouncy ball that changed colours whenever I bounce it.

EDUCATOR 1: So you're already making a connection. Did you hear what Kiana said? She said she has a bouncy ball that changes colours. [brings the bird cage to the other side of the room]

STUDENT 1: And, and then, when it lights up, it changes colours, whenever I bounce it.

EDUCATOR 2: What other kinds of things change?

STUDENT 1: The colours don't come out.

EDUCATOR 2: Kiana, what else can you think of that changes?

[Text on screen]: What are you noticing about how the children are communicating understanding?

STUDENT 2: Chameleon.

EDUCATOR 2: Chameleons.

STUDENT 1: Leaves change colour every season.

EDUCATOR 2: Leaves.

STUDENT 3: And sky!

EDUCATOR 2: The sky. Monica had up her hand, so I'm going to ask Monica.

STUDENT 4: Sky changes and leaves change.

EDUCATOR 2: The sky and the leaves.

STUDENT 4: And grass.

EDUCATOR 2: Grass. How does grass change?

STUDENT 4: Well, when, when it's snowing, it, when, when all the snow is melting, there's just frost, and then as it gets warmer, there's, just starts getting green.

EDUCATOR 2: Right. Because when the snow goes the grass is sort of brown, isn't it? Madison?

STUDENT 5: Caterpillars change.

EDUCATOR 2: How do caterpillars change?

STUDENT 5: Because first they're caterpillars, and then they change into cocoons and then they go to butterflies. And, and trees change every season.

EDUCATOR 2: That's right. Trees change every season. Georgia?

STUDENT 6: Temperature.

EDUCATOR 2: Temperature changes, that's right. Did we have a temperature change today?

STUDENT 6: No.

EDUCATOR 2: Is it a little bit cooler outside than yesterday? Yeah.

STUDENT 6: It's raining today.

EDUCATOR 2: And it's raining today, so what else changes? The weather. Yeah, the weather changes.

STUDENT 5: The temperature changes, and your feelings change.

EDUCATOR 2: That's right. Flowers change. How do the flowers change?

STUDENT 7: [making a blooming motion with his hands] They start like into a seed to, grows and then it blooms to a flower.

EDUCATOR 1: Good job. I like how Zane showed me with his hands. Julianna?

STUDENT 8: The clouds change because when it, when it rains, it goes to dark.

EDUCATOR 2: That's right, the clouds get darker. Good. A couple more? Jacob?

STUDENT 9: Days.

EDUCATOR 2: Days change. How do the days change?

STUDENT 9: You could go, night, blue to, to the afternoon to dark.

STUDENT 10: It's kind of like a pattern.

EDUCATOR 2: Kind of like a pattern, yeah.

STUDENT 11: Tadpoles change.

EDUCATOR 2: What do tadpoles change into?

STUDENT 11: First they start out as little eggs [puts the tip of her fingers together], and then they go into tadpoles and then they grow into big frogs [raises arms above head].

EDUCATOR 1: See how Sarah did that to, see how Sarah used her hands to show? Matthew just said dogs change.

EDUCATOR 2: Dogs change?

STUDENT 1: Like from small to big?

EDUCATOR 1: Let's see what Matthew's thinking.

STUDENT 12: Like with dog's babies, and they go to two months old, then they go three months, so then they get bigger, and they'll, and then they're really old.

EDUCATOR 1: So, so Matthew said they start out as babies and then they get two months, and then three months, and then they get bigger and then they get really old.