

TRANSCRIPT OF VIDEO VIGNETTE 7: TALKING ABOUT MOVING WATER

Scene: With teacher guidance, two children are sharing their approaches to moving water through tubes and what they noticed with the class.

The children: Ralf and Priya

Teacher: Can everybody see his picture?

Class: Yes.

Teacher: Okay. So, we have our little funnel, and we have the tube, right? What is this part? Is this part of anything? I'm not sure what that is.

Ralf: That's the part of the water table.

Teacher: Oh, this is the water table?

Ralf: And that's the cup of the water table.

Teacher: So, you need this cup?

Ralf: It was this.

Teacher: You need this cup? And we had these two things, and then what happened? Show me what happened.

Ralf: I poured water in there, and it went down in this leg down here.

Teacher: In this leg? And then what happened? And what did you use this for?

Ralf: To pour it in.

Teacher: Ah, so maybe you could show us what you did.

Ralf: Okay.

Teacher: I'll hold this. So, you got the water, and you put it in there, and then what?

Ralf: I poured in (there), and it went down.

Teacher: So, was the tube curved like this?

Ralf: No.

Teacher: How did it—can you make the tube the way it was? Can you bend the tube so I can . . . We'll just pretend this is the water table on my lap. Did it stay like this? Or did you have to move it for the water to go down in there?

Ralf: I moved it over there.

Teacher: You needed to move it. Okay. Has anybody tried this before?

Class: I did.

Class: No.

Teacher: Priya, can you come up and share your drawing? Thank you, Ralf. *(To Priya as they set up)* I'm sorry.

Priya: I took . . . I took one of the tubes, and then I put it under the cup.

Teacher: You want me to hold this up? Put this up?

Priya: And then I put it under the cup, and I put this on the end of it, and then I poured water into here.

Child: That's—that's like what Tiani did.

Teacher: So, was the funnel like this?

Priya: No. This was straight up.

Teacher: So, turn it this way? And then what? And then the tube needs to go like this?

Priya: Yes. And I poured water through there, and it came in there.

Teacher: So, what happened to the water?

Priya: Well, I poured the water in here, and then it came all the way through here, and went into the cup.

Teacher: So, what did you find out when you did all of this? What did you find out?

Priya: That if you, like . . . if you put it up . . . I mean, if you like put it like different . . . if you put it like over there, it would like come out of there, but . . .

Teacher: If you put it over here, you mean?

Priya: No. If you put the tube over here on this side.

Teacher: Okay. So, put the tube over here . . . yes.

Priya: Over there.

Teacher: Yes.

Priya: But if you put it over there it will come out on that side.

Teacher: Okay. I don't understand what you mean, Priya.

Priya: If you put the water on . . . if you put the . . . if you put the tube on . . . right here, it will come out here.

Teacher: Right.

Priya: You put the tube over here, it will come out over there.

Teacher: So, if you put the tube on this side of the cup, it will come out on this side?

Priya: Yes.

Teacher: But does the water go all the way on the bottom, or just over here on this side?

Priya: All the way on the bottom, and it comes . . . most of it goes on that side.

Teacher: Oh, most of it goes on that side. I see.

Priya: But that's what.

Teacher: And is that what . . . are we looking at this picture, or this picture. I'm not sure which picture we're supposed to be looking at. That one?

Priya: Yes. Because this is the filter, and then this is the water coming through.

Teacher: Oh, that's the water coming through? Okay. All right. Thank you, Priya.

(The children applaud.)