

# Building: Light, Shadows, & Height - January 25<sup>th</sup>, 2017

Helena, Kahlan, Julian, & Elena

Thinking of the children's recent engagement with "big building" & numeracy, Kalei wondered what the children might experience by inviting them to explore a space designed to provoke those concepts in concert. Kalei brought building materials & our new yard sticks to the back of the room by the projector.

Earlier that day, we discussed the new yardsticks by asking an open-ended question: "What do you notice about this?"

*Emerson: "It's a measuring thing!"*

*Violet: "A measuring stick!"*

*Helena: "It measures things...what is big or small...measures the measuring stuff. It has numbers. It's kind of big. Numbers tell you how big -or small- things are."*

*Landon: "It measures things that are long...it just gets some of it."*

*Lila: "It looks like a ruler. You're taller than it! Am I taller than it?"*

After Meeting Kalei asked four year olds Helena & Kahlan, who have been key protagonists in the "big building" movement to join three year olds Julian & Elena, who have shown a continued interest in light/shadow play if they would like to work together on something in the back part of the classroom. Kalei partitioned the space by closing the semi-sheer curtains while the children examined the provocation: turned on overhead projector, big hollow blocks, small wooden blocks, color frame blocks, & yard sticks. As the children begin to manipulate the materials Kalei asks, curious to see if she could provoke their thinking, "What could the projector do?"



< Helena:  
"Oh! It could show us what we  
builided."

Elena:  
"Oh wait! I just saw  
someone put their block up  
there!" >





Helena: "Oh! I get it! It has to be in the light!"



Julian:  
"I see it!"



Kahlan: "Look! It turns red when it's in there!"



Helena: "It looks cool in the shadow of it because it's the most beautiful shadow."



Kahlan:  
"Look!  
It's as tall as me!"



Helena:  
"It's tall to the point."

Building: Light, Shadows, & Height - January 25<sup>th</sup>, 2017 - Julian, Helena, Kahlan, & Elena