

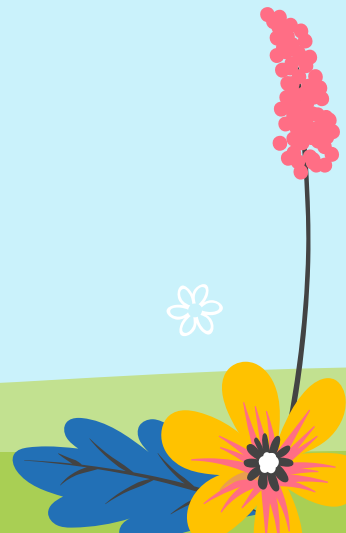
Ready, Set, Slide!

Prek Class Science Experiment



Introduction:

During outside time, we love taking turns going down the slide. We noticed that sometimes we go super fast and sometimes we go slower. Some of our friends started wondering, “How can we go down faster?” We decided to investigate together and find out.



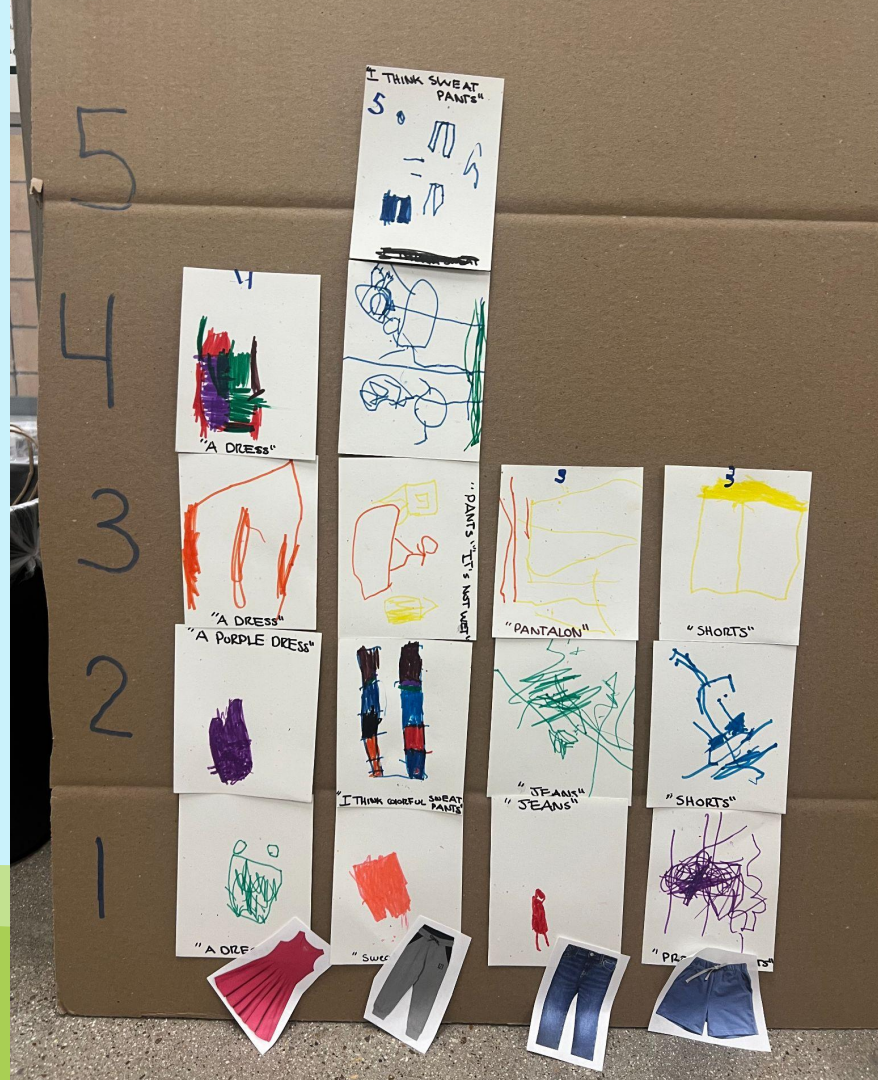
Question:

Which clothing helps you slide down the slide the fastest on a slide?



Predictions:

We made predictions between four different clothes; Dress, Sweatpants, Jeans, Shorts. We got to make our prediction on which one would help us go down the fastest. Based on our graph we made, most of us thought sweatpants would be the fastest.



Materials:

- Outdoor slide
- Different clothing to test:
Dress, Sweatpants,
Jeans, Shorts
- Writing utensil and paper
to collect data

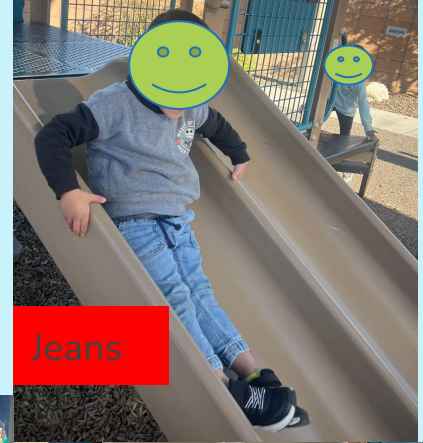


Our Procedure: How we tested it

- We used the same playground slide
- Students went down the slide wearing different types of clothes (jeans, leggings, sweatpants, dress)
- We started in the same position each time
- We observed our friend on the slide whether they went fast or slow. We counted claps to measure how fast each slide was.



Dress



Jeans



Leggings



Shorts

Data/Results

We timed how fast students went down the slide by counting how many claps it took to reach the bottom of the slide. Students wrote down the number of claps in their data books.

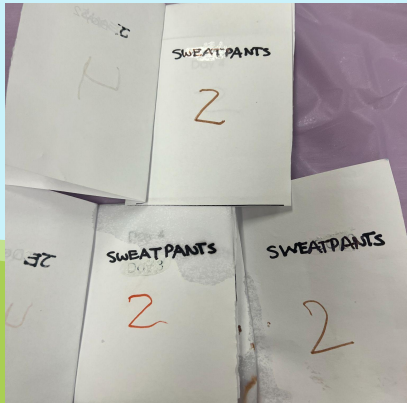
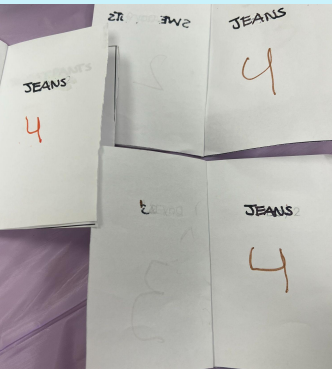
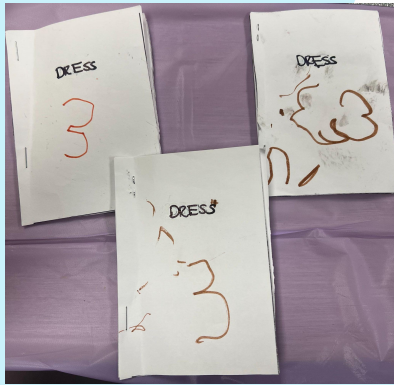
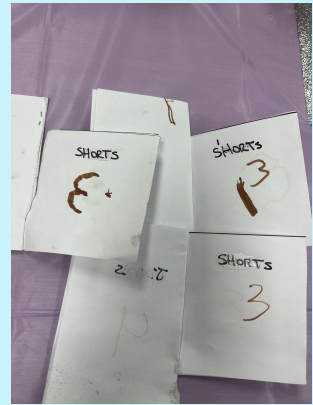
After collecting the data we concluded that sweatpants make you go the fastest down the slide!



Data/Results Continued...

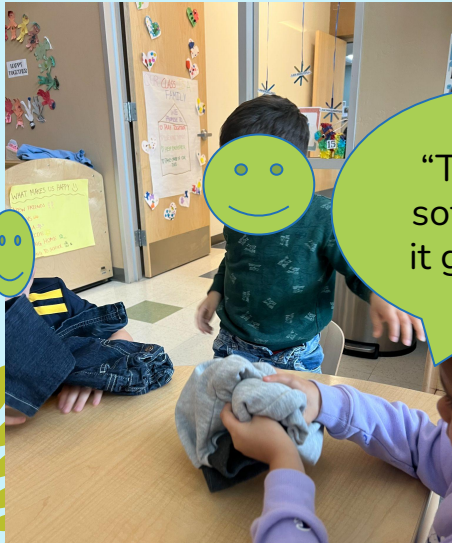
We collected our data by writing down the number of claps it took for our friend to go down the slide.

We also explored stuffies with different fabrics going down our slide and see how fast they went down the slide.



Discussion

We learned that the fabric that sweatpants are made out of are softer than the other clothes. Since it is softer, we learned that it helps it slide smoother on the slide.



Students using their touch and sight senses to observe the different fabrics

Future Research:

In the future, we would like to test different slides and see if they change how fast we go.

Bumpy slide



Metal slide



Log slide



References:

- “What is Science?": Rebecca Kai Dotlich
- “Pete the Cat and the Supercool Science Fair” by Kimberly & James Dean
- “Herbert on the Slide’ by Rilla Alexander

