

Mandala School Newsletter

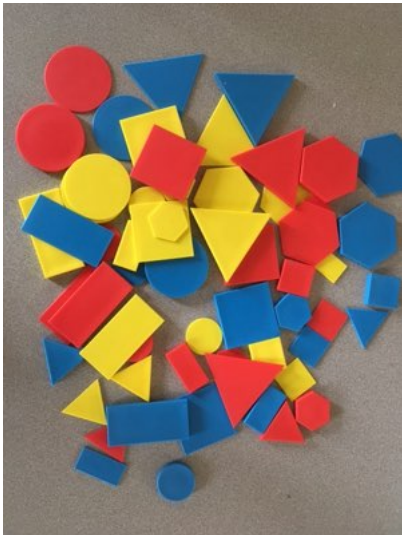
Back to School Edition

8 September
2017



Back row (left to right): Will, Keltrian, Charlie, Brick, Alex, Marty, Emma, Felix, Jackson, Joy, Kyra, Dr. John
Middle row: Natalie, Kate
Front row: Claudia, Sia, Justin, Graham, Morgan, Ethan, Nolan, Jackson, Charlotte, Kelsey, Dianna, Laura

Before



College-level problem:

Organize these without putting one on top of another.

There was a lot of teamwork, talking about how to do it, arguments about if circles have sides, and arguments about different ways to organize.

Brick said, *Organization and patterns are not the same thing*. He said patterns are one thing changing like thick/thin.

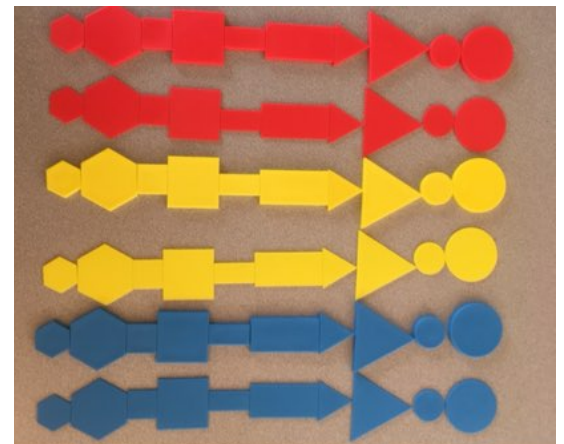
The two groups had different views on how they should be organized. When we asked yes/no questions, the organization didn't matter because it took seven questions to find the missing piece, unless you were lucky.

Will had an idea: *If you split them in half, I think you can have fewer questions*. By testing his idea, we got it down to six questions.

We thought of the problem using numbers. There are 60 pieces. Cut 60 in half, then 30 in half, then 15 in half, then 8 in half, then 4 in half, then 2 in half, and you get 1 piece. Voila! Six questions! We proved Will's hypothesis.

Alex, Charlie, Will, Brick

After



Student of the week: Joy

Joy lives in Buffalo and is multit talented, complex, and articulate. She likes to dance, play soccer and softball, and make movies. Her greatest fantasy was making a movie with Robin Williams.

She wants to travel, especially to London.

Having never been out of the United States, Mandala is planning a trip with her to Canada.

Music is a strong interest. Her current favorite songs are *Castle on the Hill*, *Strip that Down*, *Feel it Still*, *Look What You Made Me Do*, and *Back to You*.

Please introduce yourself to you when you visit.



Joy

SCHOOL RULES:

1. BE KINDER THAN YOU WANT TO BE
2. DON'T INTERFERE WITH LEARNING



Dusty, Jackson, and Claudia

On Friday morning the students, ages 7 and up, took a mini field trip to Dr. John's pond to dig cattails for weaving and eating. *Did you know the roots of a cattail are edible?* The students also met the chickens. Keltrian's favorite part of the first three days was our trip. In addition to cattails we found a dragonfly nymph and other insects.



Parents: Please assist your child (7+) in choosing a book for independent reading! The genre is up to you, but please choose something of interest that is an appropriate level.