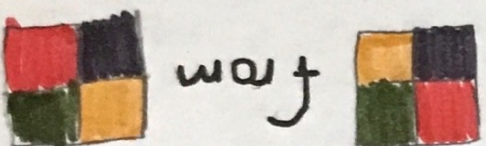


What if we flip, on this line, here?

It works!

It works!



Nice work!  
I wonder if there is another way to get to

From there, how can you make

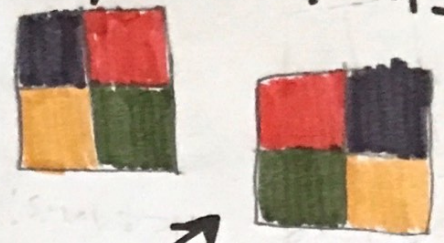


Imagine that you have a square made of glass and that's what you're flipping. How could you make this with the square on the front?

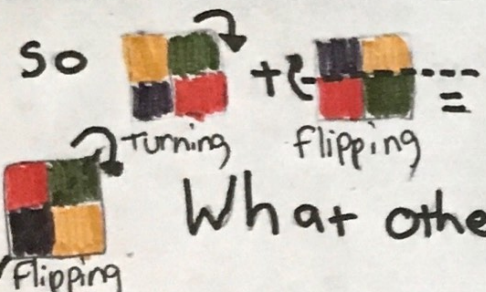


The front of this zine looks like this

Flip it to the back and it looks like this.

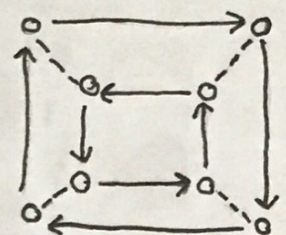


What other ways can flips be combined? Can you draw a chart of which flips make others?



here is one chart (called a Cayley Digraph)

The exciting thing is the relationships between turns and flips can be used to describe relationships between other concepts. It is called a Group



checkout: public-math.org @sbrackettr #MZF2021



Flip This Zine!

(a group theory zine by Brackett)

