

# Mandala School Newsletter

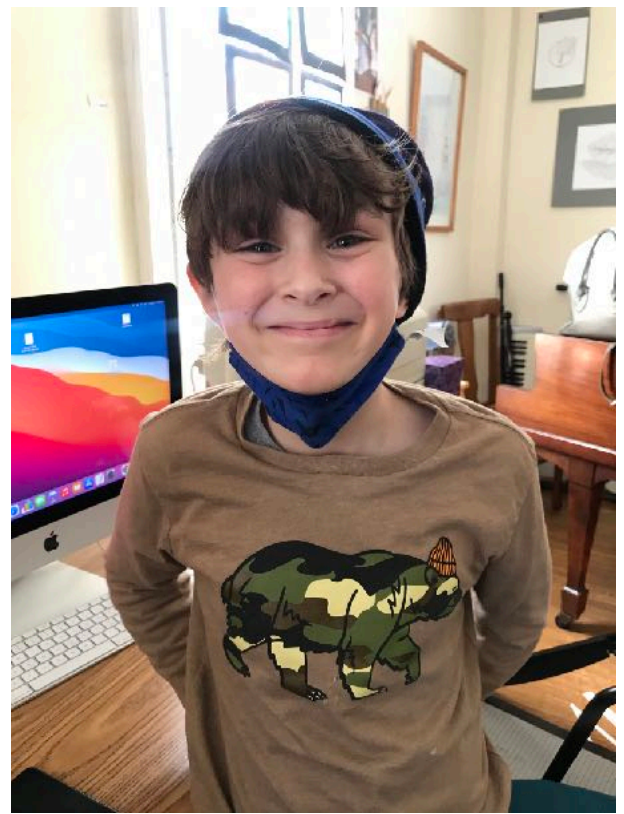
## Volume XIII Issue XX

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### Student of the week Nolan

Nolan has been at Mandala school for four years. He is creative, outgoing, intelligent, and funny.

He says he feels good when at Mandala because “it allows me to bring out my creativity, ingenuity, and energy.” He enjoys reading historical fiction, non-fiction, and adventure fiction. He feels happy when eating a warm breakfast and having success over others. He likes the feeling of Halloween. He likes the feeling of hot weather. For a few questions we played Would you rather. He said he would rather shave his head than not go to school. He would rather be an animal than be a chemical because he says that as an animal he would have some thoughts. Nolan is interested in learning about history. He recently studied the rise and fall of the Mongolian empire. Before the end of the school year Nolan hopes to spell better and to study more history and math. “Nolan is very active and doesn’t sit still EVER. His mind is always working...and so is his body”, says Kate C. So as you can see Nolan has a big imagination and is always thinking!



### Tower of Hanoi puzzle

By Nolan & Sachin

You move one disk at a time and you can’t put a bigger disk on a smaller one. The goal is to move all the disks from one end to the other with the least number of moves.

There is an old puzzle that says if you have 64 disks and finish the game, the world will end. So we figured out how long it would take for the world to end.

We started with one disk and it took one move. Two disks took 3 moves. Three disks took 7 moves. This is the chart we made

# of disks	# of moves
1	1
2	3
3	7
4	15
5	31
6	63

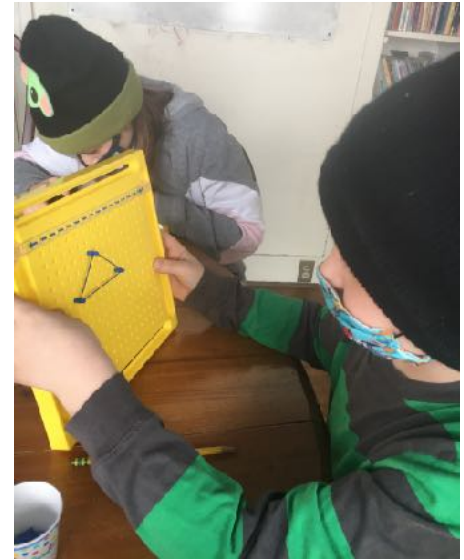
We found a pattern of the number of moves being a power of 2 minus 1. For example, with 6 disks we did 2 to the 6th power minus 1 ( $2^6 - 1$ ). That’s  $64-1=63$ .

For the problem with 64 disks, we That number is 18,446,744,073,709,600,000. If it takes two seconds for each move, it would take 1,169,084,092,181 years to finish the puzzle. That’s more than a trillion years!!!





In math class the students had to get the name of different triangles and then try to make it them on geo-boards. They were practicing equilateral, right, scalene, and isosceles triangles!



We painted the dough. We made the dough. Mine was peninsula. Its a little thing and you paint it green. Peninsulas stick out in the water. By Starlight



This week we celebrated Dr. Seuss's 117th birthday! We read *Green Eggs and Ham*. Thank you to Starlight's Grandma, Donna for our *Green Eggs and Ham* masks!



Mandala Summer Camp registration is open!

Early bird pricing until March 31st  
[mandalaschool.org](http://mandalaschool.org) for more info.







## Guatemalan Worry Dolls

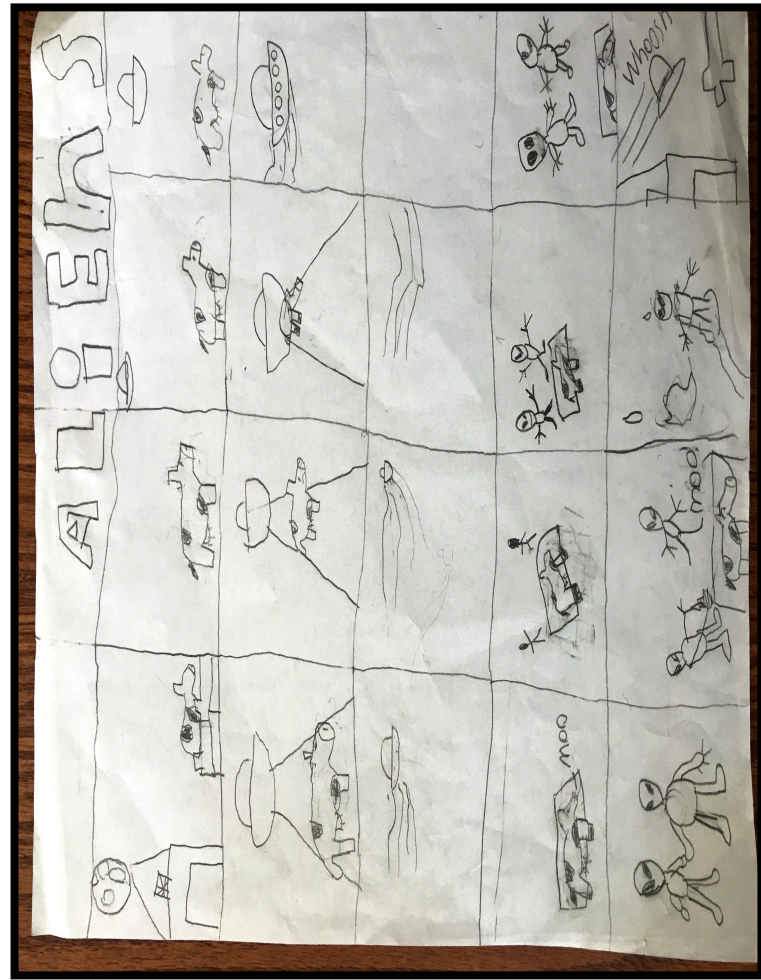
Worry Dolls, Muñeca Quitapena in Spanish, are hand-made traditional dolls that come from Guatemala. The Worry Dolls are of Mayan origin, and, as legend has it, once you tell your problems and worries to these dolls, you put them beneath your pillow, where they come up with solutions. At dawn, your worries will be gone.

Today, they are used to comfort children who are anxious or sad. Worry Dolls are also used in interviews with children to make them feel better.

Worry Dolls play a part in the economy as well. They are sold by poor people to tourists.

Since all your problems are eaten up by the dolls, their bellies must be stroked so they do not ache. Although Worry Dolls are used in child psychology, adults also use them so they can relieve stress and get a good night's sleep.

Worry Dolls are usually 10 to 20 millimeters tall. The internal structure is made from wood or wire with weaved textile or wool on the outside. By Juan



*Aliens by Jackson*

Why do French people always eat small omelettes?



Because one egg is un oeuf!