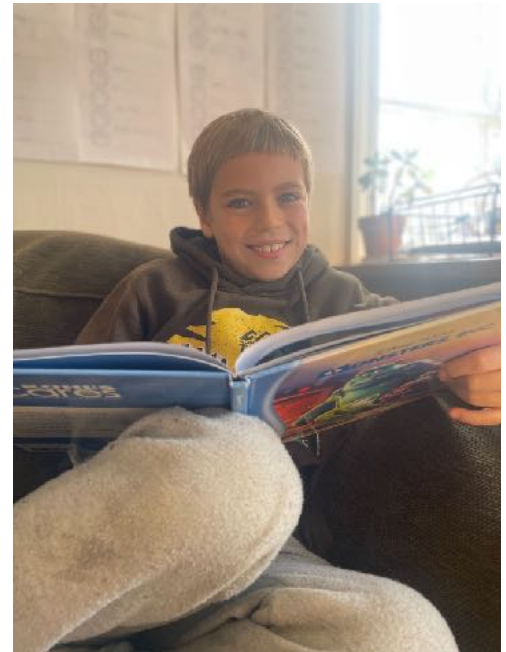


Mandala School Newsletter

Volume XVII Issue XXII

April 4, 2024

Inti is eight years old and this is his fourth year at Mandala. Camp Allegany is his favorite part of the school year because of the creek and crayfish. He also likes the beds. When he is at home, he likes to relax and read books. Inti is a good friend and very skilled at playing Capture the Flag. Inti loves sushi, especially with wasabi! The coolest place Inti has ever been is Miami because he got to go to a Miami soccer game. Inti wants to get better at soccer and his team's name is Flash. Inti is most proud of his aluminum and blue-ringed octopus projects this year. Interview by Petey, Amelia, and Hazel



We painted a rain barrel for a contest. Hazel painted a walleye, Juniper painted a turtle, Petey painted a mallard duck, Mealla painted bluebirds, and Amelia painted a yellow perch. The contest was through the Erie County Department of Environment & Planning. We focused on native animals that we can protect by keeping our water clean. Check out our rain barrel outside the school (coming soon!)



Solving Julia's block pattern



Case 2

Case 3



Case 4



In math we were building complicated patterns with cubic centimeter blocks. Each case has two squares and three additional lines on the top, bottom, and right side. For the 1x1 (case 1) there is one on the top, bottom, and right. For case two, the square increase and the number of the blocks on the side is one more than the last. Could you build case 5? By Ama

Case 1 at top. All cases are split and rearranged to show squares. This was used to find the formula for the total number of blocks for each case: two squares of the case number plus 3 of the case number.

Case 3 has two 3x3 squares plus 3 more 3s. That's $2 \times 3^2 + 3 \times 3 = 27$ blocks

Case 4 has two 4x4 squares plus 3 more 4s. That's $2 \times 4^2 + 3 \times 4 = 44$ blocks

In algebra language the formula is $2c^2 + 3c = T$ c is the case number and T is total blocks

Can you figure how many blocks are needed for the 5th case in the series?

Reminders:

1. Monday is the last day for the Girl's Club Donation Drive
2. Spring Break is Tuesday, April 8th - Monday, April 21st!
3. Our Spring Fundraiser is Saturday, May 3rd
4. Please remind your children to read their book report books over break!

