COMPUTER SCIENCE CODING

CS IN OUR SCHOOL-CONTINUING TO EXPLORE

Micro Bits

Ziigwan is on its way! CS staff and teachers have been preparing for its arrival. Our 7th graders have been working on programing Micro bits to collect temperature data. Along with Traditional Ecological Knowledge (TEK) we will be using data collected by the Micro bits to track and determine when the temperature is right to begin tapping trees. The Elementary Ojibwe classroom is also tracking data from a second set of Micro bits and comparing it to TEK.
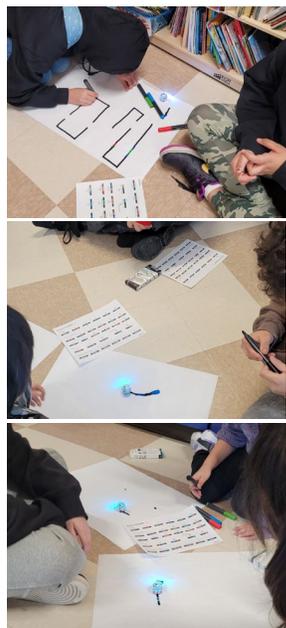
COMPUTER SCIENCE BOOKS

February was I love to read month. The CS team met and chose grade appropriate books based on Computer Science or books that had CS themes for each student. Books will be sent home with students this month.

Sphero Bots

OUR 3RD AND 7TH GRADE CLASSES HAVE BEEN WORKING TOGETHER TO PROGRAM SPHERO BOTS. USING CODE STUDENTS HAVE PROGRAMED THE SPHERO BOTS TO FOLLOW A DESIGNATED PATH.

Hour of Code

We will have the opportunity to conduct "an hour of code" three times this month, due to early releases. Most of the students seem to enjoy the hour of code. Many teachers have found new sites and programs that their students enjoy using during this hour.

We use "hour of code" to introduce coding to students and prepare all students for the future. Coding is an important tool in Computer Science (CS) MN is currently working on creating CS education standards.

EARSKETCH

The CS team was recently introduced to "Earsketch" which we will be using with some students to create music using code, pre-recorded beats, tempo original vocals and more. This program includes popular musicians as well as Native musicians. There is also an option to turn on Ojibwe language, so instructions are in Ojibwemowin!

EarSketch