

ED TECH

NEWSLETTER

FRANCIS A. MARCH ELEMENTARY SCHOOL

During the month of December, March Elementary students worked with different robots in Library to scaffold the level of coding and conceptual thinking!



INDI

Kindergarten was introduced to coding and how steps are sequenced in order for a robot to complete a task. They practiced by pretending a classmate was a robot and "coding" them through a maze using left, right, and forward. They used Indi, a robot that is coded using colors.

CUBETTO

In first grade students used the robot Cubetto. Cubetto is a cube shaped robot that moves through maps using titles and a command board. As a group they had to work together to code Cubetto through a map as he navigated the first day of school. They learned about grid coordinates as well as debugging problems.



CUBETTO

Second grade students also used Cubetto but this time he was on a journey through the ocean. They learned how different sequences of codes can be used to get to the same spot. In addition, they used grid coordinates and collaborative debugging.

OZOBOTS

In third grade, students used Ozobots which are smaller robots that require different color combinations to code. Each student was able to work with their own robot thanks to a recent purchase with ESSER funds. Students practiced how to change their directional approach. They could make the robot go faster, slower, make crazy moves, and even select a direction at an intersection.



KUBO

Fourth and Fifth Grade students used a new robot called Kubo. Kubo scans directional tiles which students used to program him to move around a board. Students learned how to write functions which are steps that perform a specific task as well as subroutines and loops in some groups. Using tiles to code allows students to make the connection between hard coding concepts and physical representation.

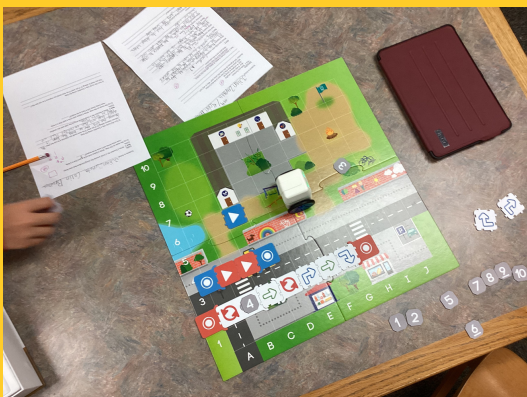
Big thanks to Mrs. Linsenmann for these great lessons in Library! See some pics on the next page!



CUBETTO



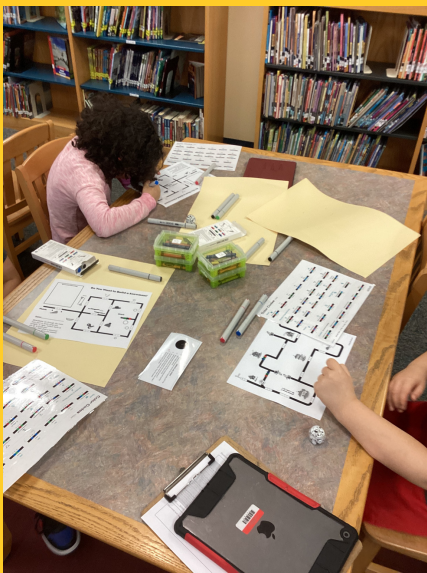
Students are working together to move Cubetto to move him through challenges



KUBO



OZOBOTS



MORE ED TECH NEWS!

During a monthly Tech Tuesday event, some of our classes learned about a new app called Canva, which is an online graphic design platform that students can use to create newsletters, documents, infographics, movies, and more. Other classes used Keynote on the iPads for an Elf Yourself project where they learned some basic iPad tips such as copy, paste, mask, remove background, and how to group objects.

UPCOMING

Next month, the march staff will participate in a quick tech training where they can choose between three different Apple apps to learn more about. Mrs. Chunko will share information on Keynote, Mrs. Linsenmann will show staff how to use Clips and Mrs. McEntire will provide a session on Pages. Stay tuned for photos! Each of these apps provide awesome learning opportunities for our students.

