USING ROBOTS TO EXCITE STUDENTS IN THE CLASSROOM AND BEYOND

Pola Levy

#dotdashpola @penchevable

HI I'M POLA!





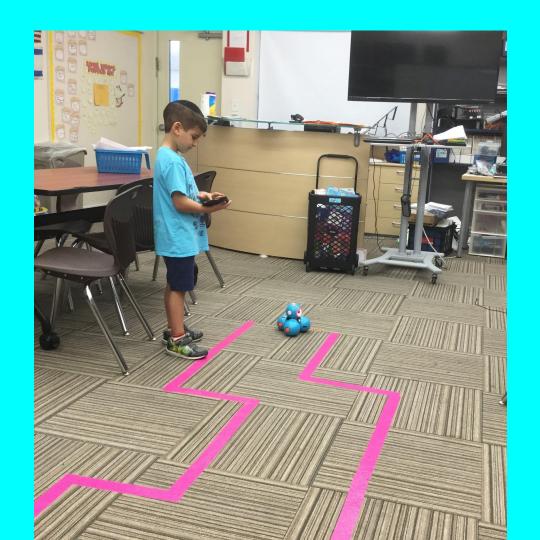




HI I AM MRS PENCHEV

- -19 years teaching
- -Found Dot and Dash when they were Bo and Yana
- -Grants





ROBOTICS CLUB DOT AND DASH AND POLA

- a. What I've been doing
- b. Why I am doing it
- c. How it has worked
- d. What is good and what is bad
- e. How to use robotics in the classroom
- f. Suggestions for teachers to get students involved



CLASSROOM IDEAS

- -geography and mapping
- -storytelling
- -math
- -identifying colors
- -art
- -creating steps and following directions
- -Wonder Workshop lesson plans

WHERE DO YOU FIND THIS STUFF?

Twitter

Conferences

Google

EdCamp

Stalking....

Reading Articles: Robots in ELA

TIME TO PLAY...THEN PRIZES!

Set up an obstacle course and code your way throughuse the rulers to measure distances and estimate the lengths of movement

Turn the robot into a character from a story

Sporting Times

Create a path for the robot to follow, draw emotion emojis along the way and when the robot gets to that emoji tell about a time you had that emotion.

Create an underwater habitat with Bloxels