

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 through—
use 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