Starting from Scratch

Connecting School-Aged Children with Coding Concepts

Mildred Barriger, Jen Kern, Thealyn Ploetz, Xochitl Rocha
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Our Vision

- Northgate Elementary School was seeking STEM programming for their students.
- We wanted to design a program for the school that matched the interest of their students while introducing coding concepts.
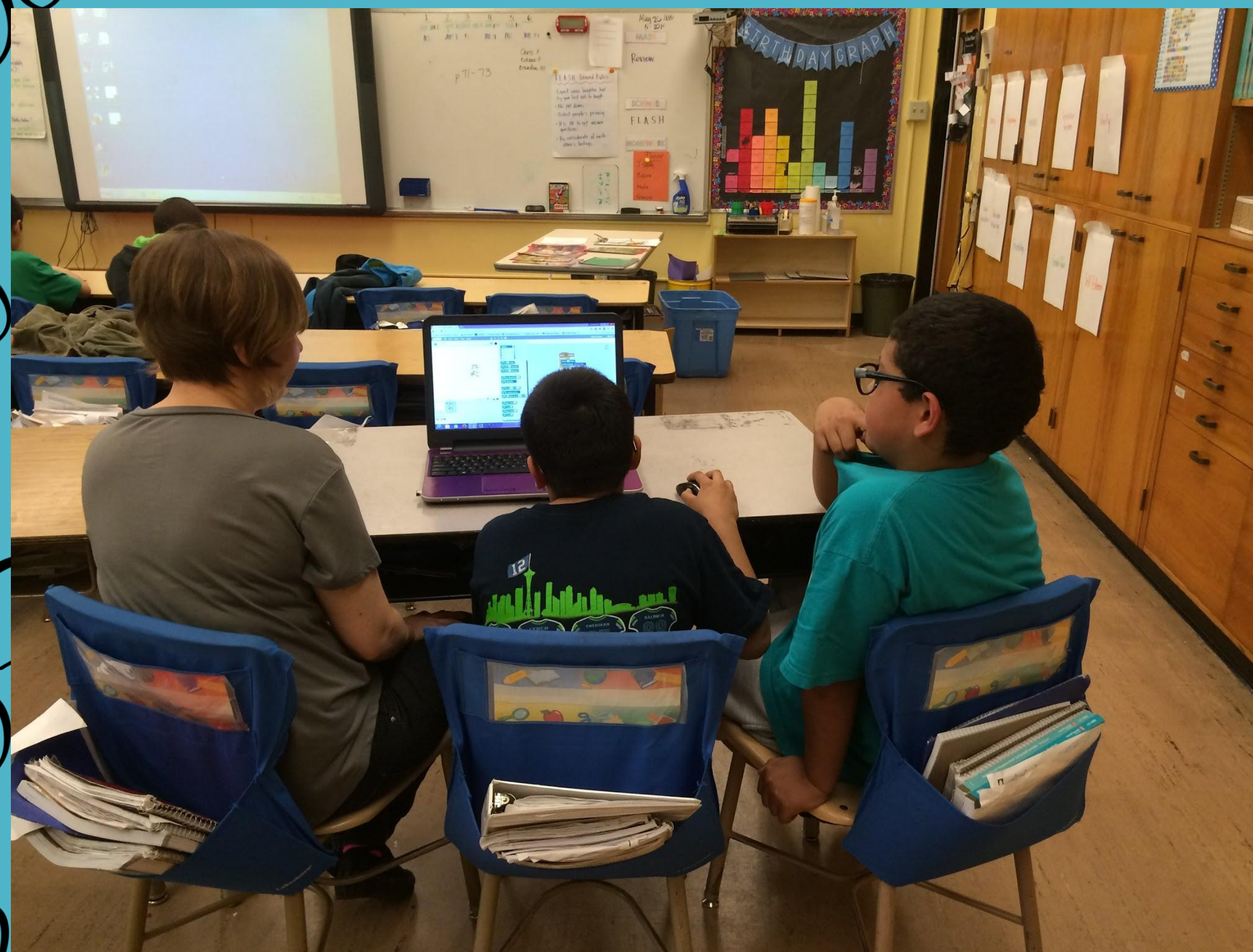
Our Workshops

- Students drew and coded original video game narratives on ScratchJr using iPads.
- Each class built upon the last, allowing students to apply new skills to their ongoing projects.
- Lectures and videos helped students grasp concepts.

Our Goals

- We set out to teach students how to code through the creation of video game narratives.
- By the end of 4 weeks, we wanted our students to be able to control characters' movements, appearances, and speech using ScratchJr coding commands.

Our Results

- By week 4, all students were working independently on their projects with minimal teacher assistance.
- Every student surveyed expressed interest in taking the class again.
- We uploaded students' completed projects to YouTube for easier sharing.

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