

QND Computer Science Day 0

Mr. Schmidt

Welcome!

- Agenda
 - Who am I?
 - Why am I here?
 - Why should you care about Computer Science?
 - Activity

Introduction

- University of Illinois
- Microsoft
- Ocient
- Google
- Side Projects
 - Fidgets
 - Scoreboard



Why am I here?

- Computer Science can be hard to self-teach
- CS is for everyone!
- Have an open mind

What will we be doing?

- 4 Weeks of intro to Computer Science
 - Swift
- Games
- Choose Your Own Adventure
- Wordle
- iPhone App
- **No homework!**

Why CS

- 3 reasons

Why CS?

- Fun
 - Creative problem solving
 - Satisfaction
 - Art + expression

Why CS?

- Career
 - High demand, well paying jobs
 - Differentiator for any field

Why CS?

- Understanding
- Massive changes coming
 - AI
 - AR / VR

Questions?

Your First Program!

- We will write many programs
- Programs are kind of like recipes
- Give the computer instructions, it performs them
- Computers are dumb
- It does *exactly* what you tell it to do

Your First Program!

- Write a "program" to make a PB + J sandwich
- I will execute it
- Groups of 3

BE SPECIFIC



ROUND TWO

- Let's fix our problems together