

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



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
- Wordle
- Code Art
- **No homework!**

Why CS

- 3 reasons

Why CS?

- Fun
 - Creative outlet
 - Solve your own problems



Why CS?

- Great Careers
 - It's never too early to think about your career.
 - Software engineers are in high demand
 - High pay, great benefits
- Differentiator for any field!

Why CS?

- Literacy
 - Know Your Enemy!
 - Tech is not getting any less important in our lives

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

DOWNLOAD SWIFT PLAYGROUNDS

We'll need it today!

