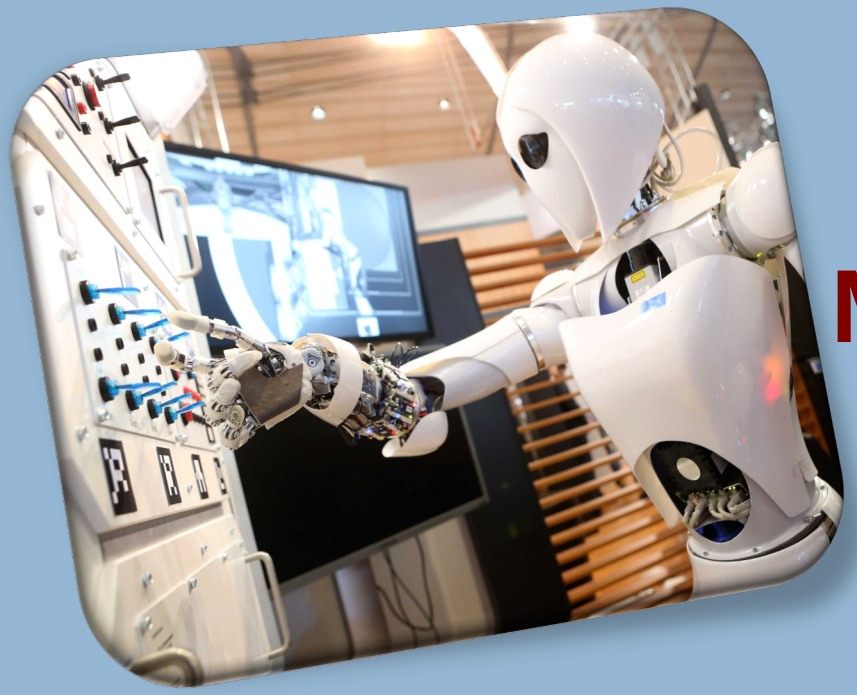
Welcome!



Mrs. Moraes

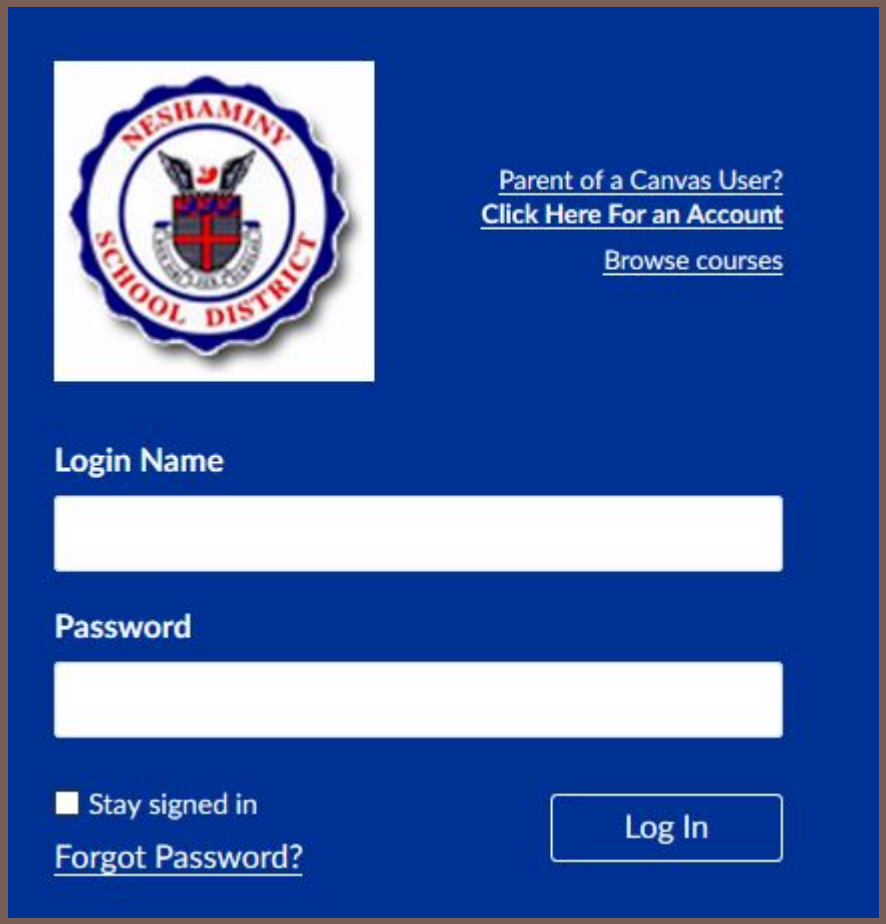
7th grade

Emerging Technologies & Skills Class

This class will meet every day for 36 days.

One Quint

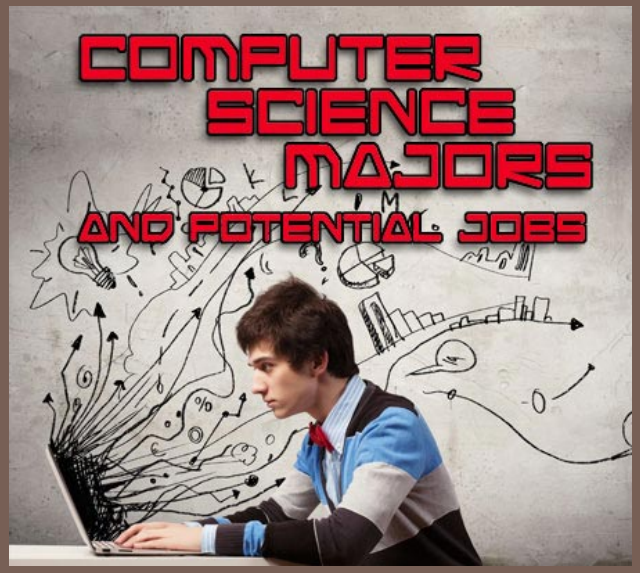
All course materials and grades will be on Canvas.



What will you learn in this class?

Computer Science Skills are Important

Changing jobs require CS skills



Lack of people needed to fill CS jobs

"Not only does computer science provide every student foundational knowledge, it also leads to the highest-paying, fastest-growing jobs in the U.S. economy. There are currently over 500,000 open computing jobs, in every sector, from manufacturing to banking, from agriculture to healthcare, but only 50,000 computer science graduates a year," reads an open letter released by the nonprofit Computer Science Education Coalition in partnership with Code.org.

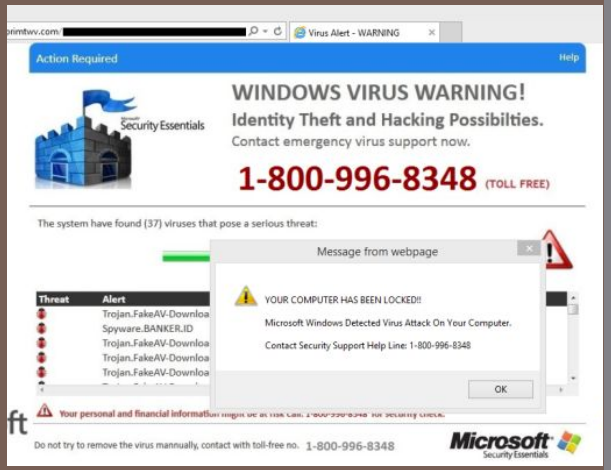
Computer Science for All

"Computer Science For All" is an initiative enacted by President Obama in 2016 to empower all American students from kindergarten through high school to learn computer science and be equipped with the computational thinking skills they need to be creators in the digital economy, not just consumers, and to be active citizens in our technology-driven world.

Computer science (CS) is a "new basic" skill necessary for economic opportunity and social mobility.

Computer Troubles?

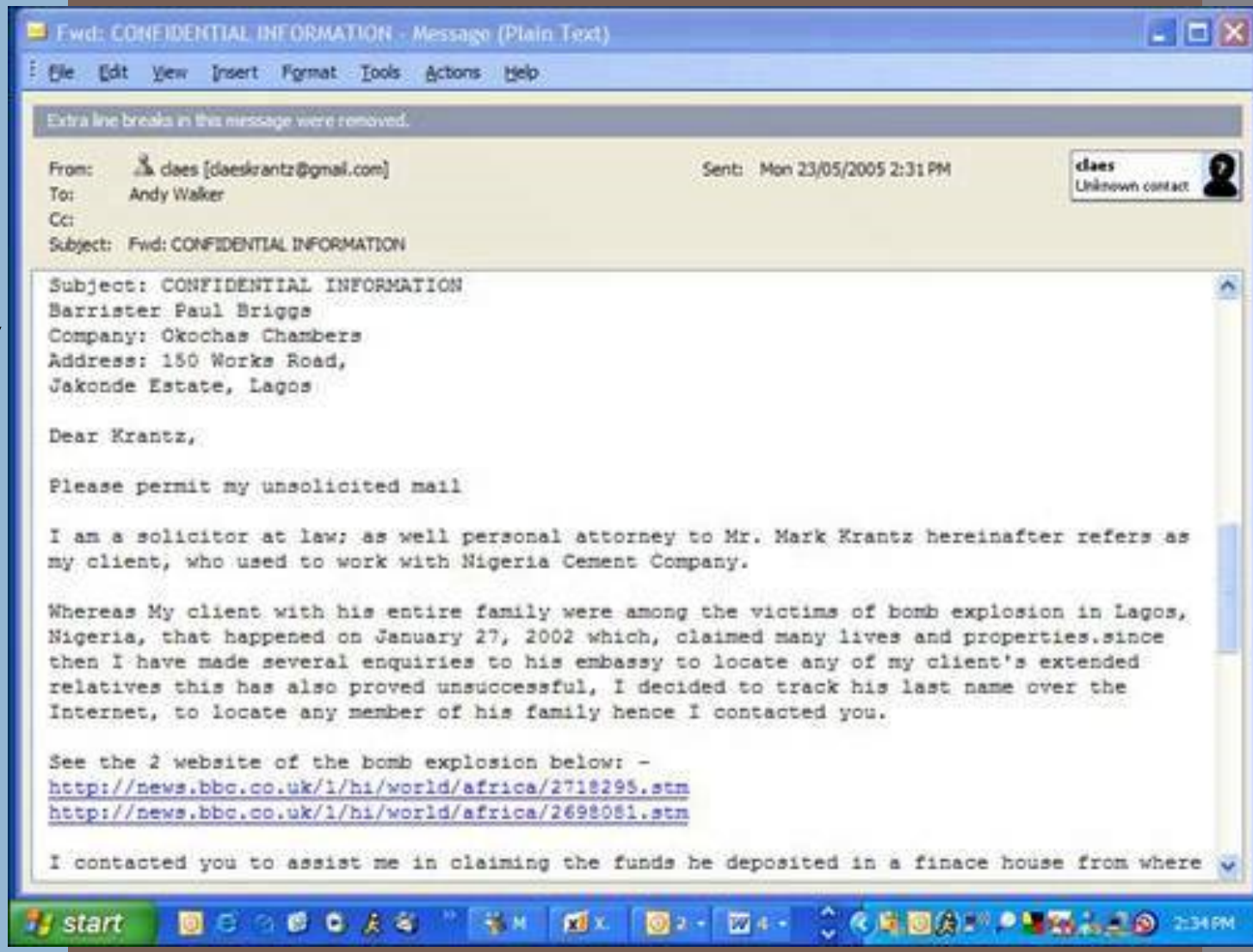
- Check for power
- Verify network connectivity
- Verify URL
- Close and reopen program
- Try using a different web browser
- Forgotten username or password ?
- CAPS lock on?
- Num lock?
- Report to teacher:
  - Broken computer
  - Virus/pop up warning



Too good to be true

Broken English

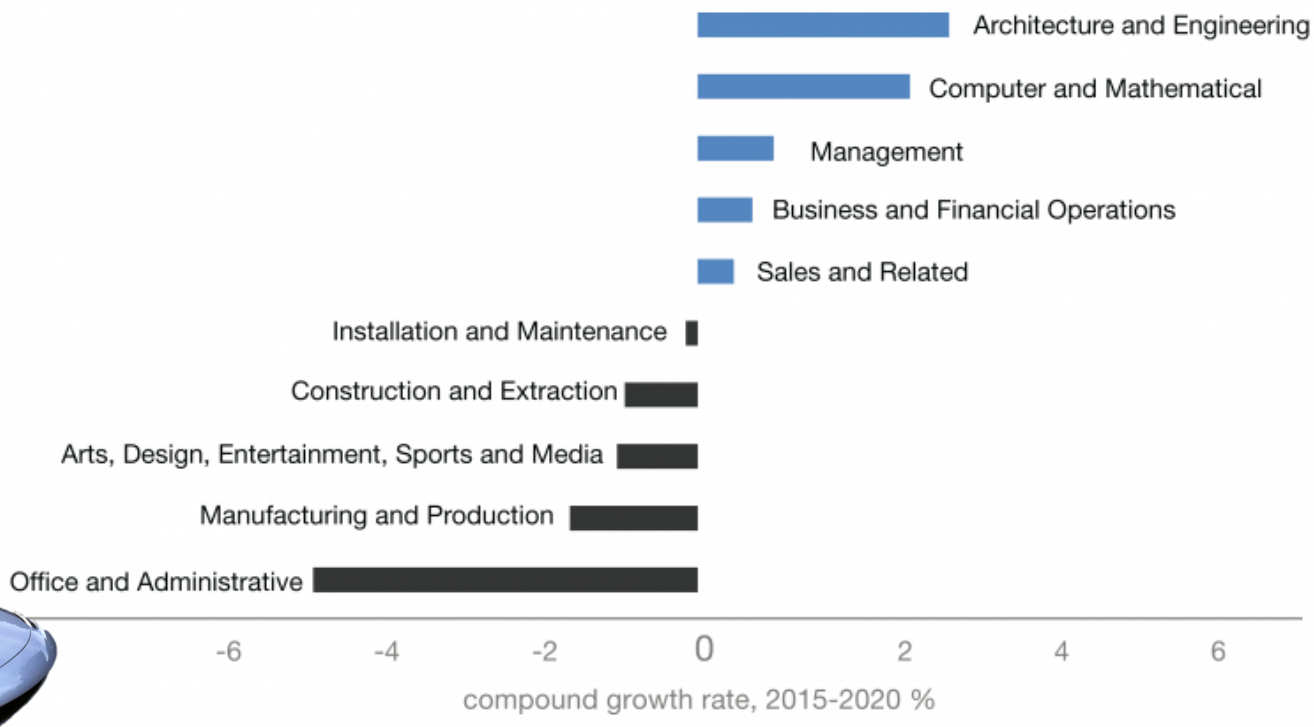
Cyber Security & Email Safety



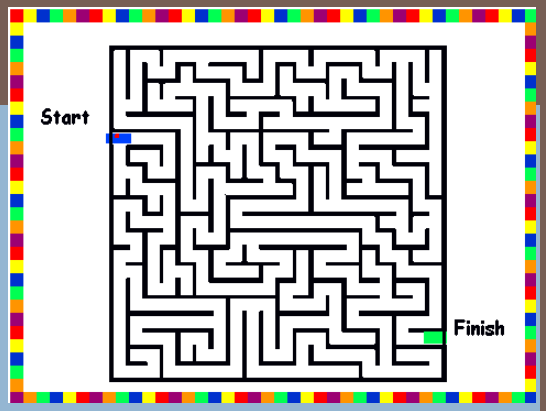
Scare Tactics

Emerging Technologies & Careers

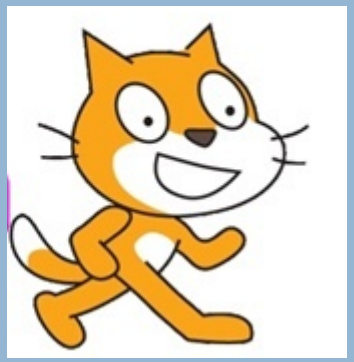
Job families in decline and on the rise

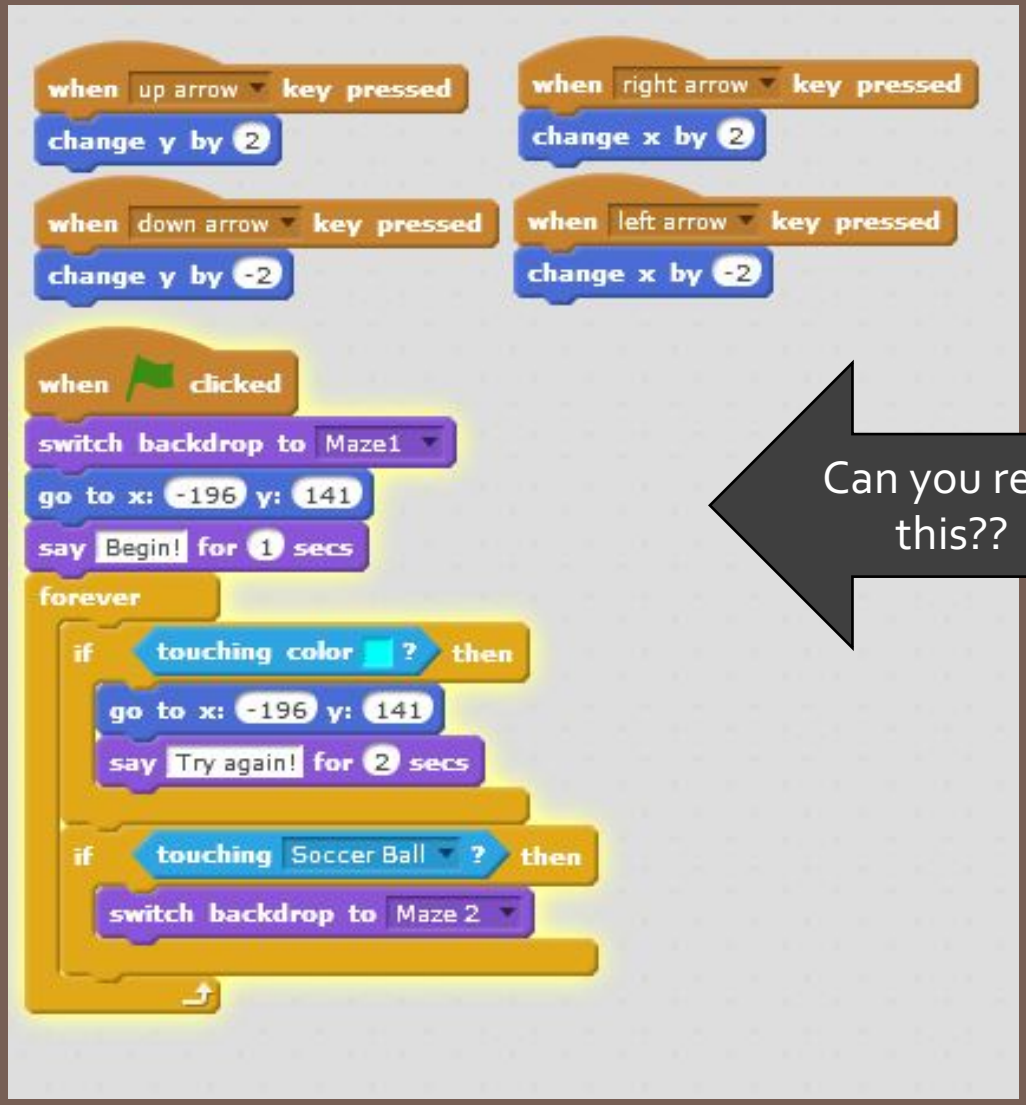


Source: Future of Jobs Report, World Economic Forum



Scratch Block Programming





Can you read this??

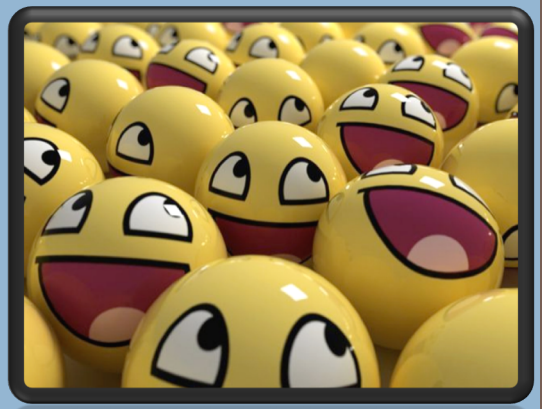
Keyboarding Warmups

Reinforce touch typing

Improve accuracy

Increase speed

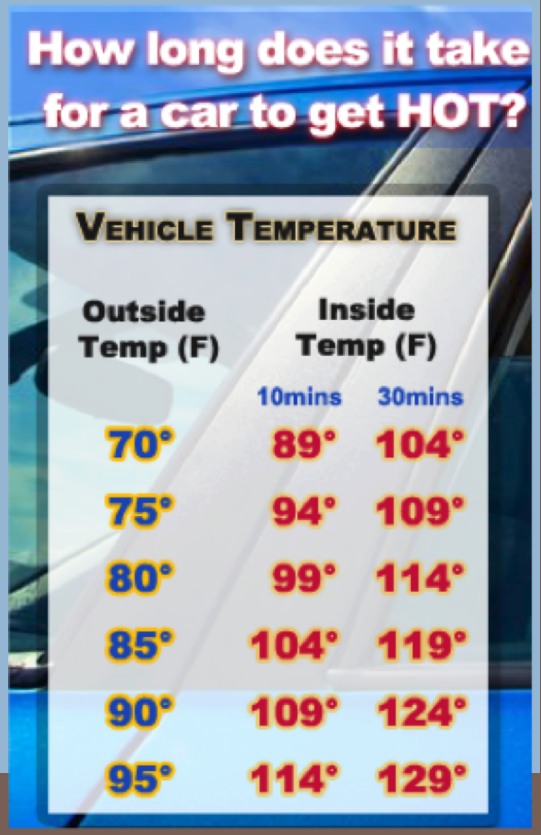
Class Rules



- Arrive to class before the bell rings.
- Class begins when you enter the room.
  - Sit in your assigned seat and log in.
  - Report any computer problems to me.
- Keep your hands to yourself.
  - No touching others.
  - No trying to repair computers.
- Ask permission to leave the room.
  - Sign out sheet must be used.
- Stay in your assigned seat until dismissed from class.
  - Log out when class is over.
  - Remember to push in your chair and leave your desk tidy.

Use of Neshaminy School District technology tools is a privilege and it is the responsibility of each user to use these services appropriately.

District iPads



- Know where your iPad is AT ALL TIMES:
  - Never leave your device unattended.
  - Never loan it to anyone.
- Fully charge your iPad at home.
- Keep food and drinks away from the iPad.
- Don't leave your iPad in a parked car.
- NO stickers, markers, scratches or removing District labels.
- Use for educational purposes only.

Each student user agrees to follow Neshaminy's Acceptable Use Policy and guidelines when using technology devices.

Your device is subject to inspection AT ANY TIME WITHOUT NOTICE.

Missing Class?

If you have to miss class due to lessons, illness or otherwise, please:

1. Check Canvas for lesson information
2. See Mrs. Moraes in class
3. Come in for morning clinic on Tuesday or Thursday

kmoraes@neshaminy.org

Questions