

The #1 Job in America

Learning the art of Computer Science can lead you to a **career** that is widely reported to include the most **satisfying, creative**, in-demand and **highest paying** jobs for the foreseeable future. (Forbes, Payscale, CNN Money)

At Woodson, you will have fun in Computer Science while enjoying a **relaxed** environment where you can be as creative as you wish, all while learning a **real-world skill**. And you can enjoy this environment for all four years at Woodson!

A 21st Century Skill

Computer Science teaches students how to solve problems that can help you in most other classes.

Almost every field is integrated with technology, and understanding how to write programs will make you more **powerful** and **in-demand** in the future.

Computer Science is one of the few fields where the products developed have and can **change the world** as we know it. Students feel empowered knowing that they are learning a skill where their **creativity** and talent can reach millions.

Which class to take?

- If you will be signing up for Geometry or higher math class next year, also sign up for **CS Programming**
- If you will be signing up for Algebra 1 next year, also sign up for **CS Foundations**

There is more that can follow these classes. At Woodson, we offer:

CS Foundations (with Alg 1 or higher)

CS Programming (with Geom or higher)

AP Comp Sci A (with Alg 2 or higher)

- Math Credit +1 GPA boost

CS Data Structures

- Math Credit +1 GPA boost

CS Capstone

- Math Credit +1 GPA boost

Skills that help NOW and prepare for success in the FUTURE



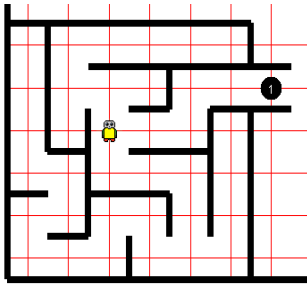
Learn Java and Python and develop problem solving skills to design your own programs in a creative and relaxed setting

Ms. Ledesma sledesma@fcps.edu

Mr. Pugh tlpugh@fcps.edu

Dr. Oberle doberle@fcps.edu

- Teach robots how to solve puzzles.
- Make computer games.
- Build the skills to change the world.



Earn a GPA boost

AP Computer Science A, CS Data Structures and CS Capstone are advanced math credits that come with a +1 GPA boost.

Imagine starting with this...

```

39 for(int c = 0; c<7; c++)
40 {
41     put = (int)(Math.random()*6);
42     if(put == 0)
43     {
44         candy[r][c] = new JButton();
45         candy[r][c].setIcon(purpleImage);
46         values[r][c] = 0;
47         candy[r][c].addActionListener(new clicky(r,c));
48         gameboard.add(candy[r][c]);
49     }
50     else if(put == 1)
51     {
52         candy[r][c] = new JButton();
53         candy[r][c].setIcon(blueImage);
54         values[r][c] = 10;
55         candy[r][c].addActionListener(new clicky(r,c));
56         gameboard.add(candy[r][c]);
57     }
58     else if(put == 2)
59     {

```

And ending up with THIS!!



Computer Science can help lead you to **CREATIVE** jobs, great pay, and improving the world!

If you are currently in Geometry or higher, you should sign up for **CS Programming** next year.

If you are signing up for Algebra 1 next year, you should sign up for **CS Foundations** next year.

Prerequisites:

CS Foundations: no prerequisites.

CS Programming: Algebra 1 or higher.

AP Comp Sci A: Algebra 1+Geometry.

Progression:

(CS Foundations)

CS Programming

AP Computer Science A +1 GPA

boost CS Data Structures

+1 GPA boost CS Capstone

+1 GPA boost

Create Your Future!

Every student at WTW should be open to the **opportunities** that can lead to the brightest of futures. Computer Science is a great place to start, and the earlier you start, the further you can go.

Express your **creativity**, earn advanced math credits, have fun and learn 21st century skills that can put you on a path to a **great future**.

A WTW-made 3D multiplayer game

