



CS FOUNDATIONS
CS PROGRAMMING
AP COMPUTER SCIENCE A

WTW COMPUTER SCIENCE DEPARTMENT

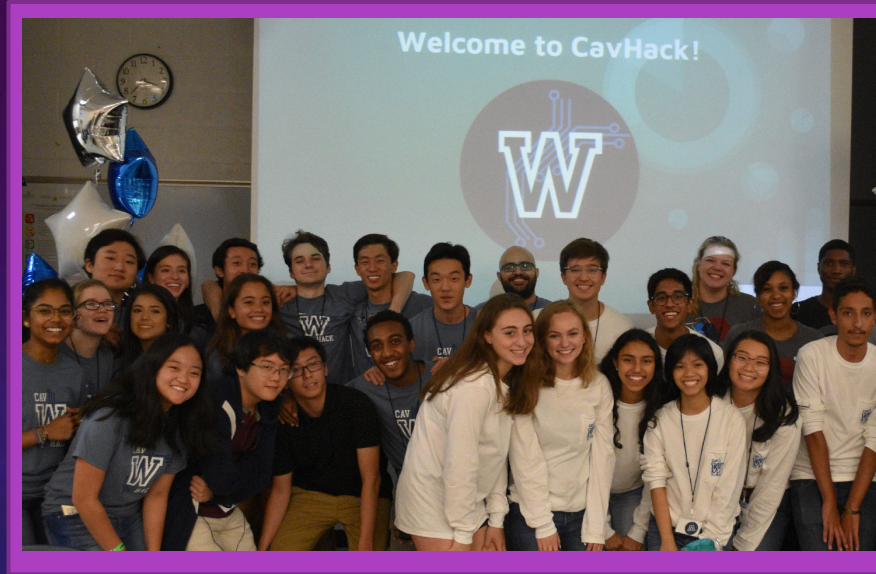
THE MOST IMPORTANT 21ST CENTURY SKILL

- Learning the art of Computer Science can make you better in every field
- A career in Computer Science has been reported to be among the most:
 - Satisfying
 - Creative
 - In-demand
 - Flexible
 - High-paying



COMPUTER SCIENCE AT WOODSON

- Classes are:
 - Relaxed
 - Supportive
 - Creative
 - Interesting
- Homework load?
 - Minimal → only what you don't finish at school
- Most classes are advanced math credits
 - Help you get the advanced diploma
 - Three of the classes have a +1.0 GPA Boost



WHICH COURSE SHOULD I START WITH?

CS Programming – the best fit for most

- * Best introduction to the **art** of software engineering with **interesting** topics and **fun** programs to create in Python and Java
- * Build the **skills** to make your own **games** and easily move on to higher CS classes
- * Seen by many as the most important 21st century skill to have

AP Computer Science A - for those with previous programming experience

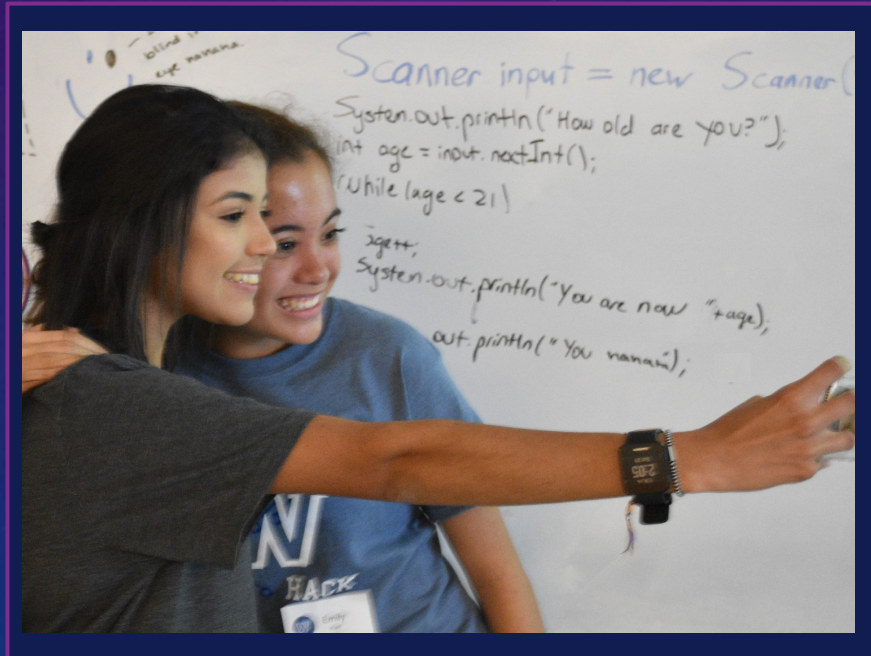
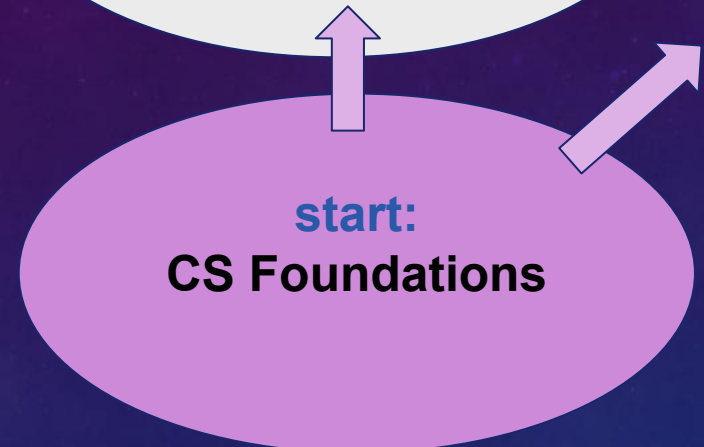
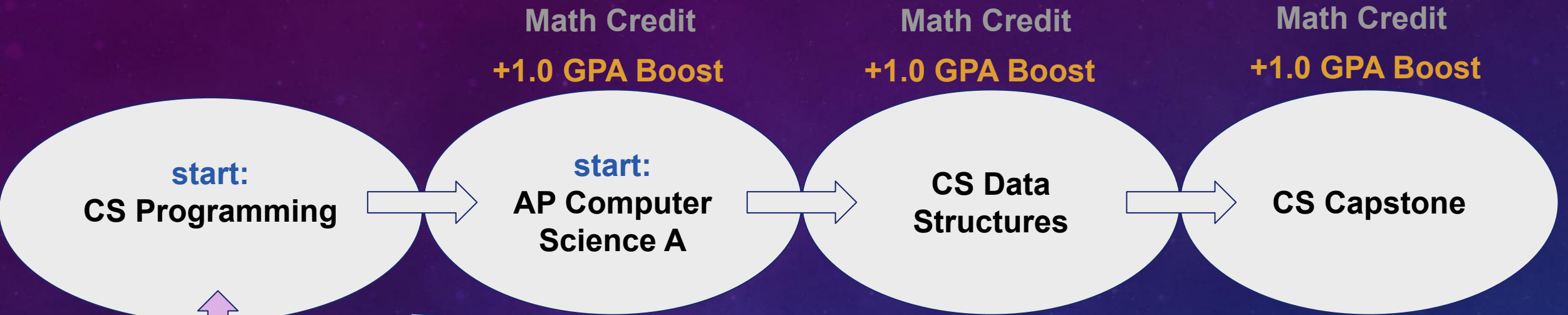
- * A **faster** introduction into the **art** of software engineering
- * Opportunity to earn **college credit**
- * Advanced math credit and +1.0 GPA boost
- * Best fit for those also taking Honors and AP math courses

CS Foundations - for those that want a more gentle introduction

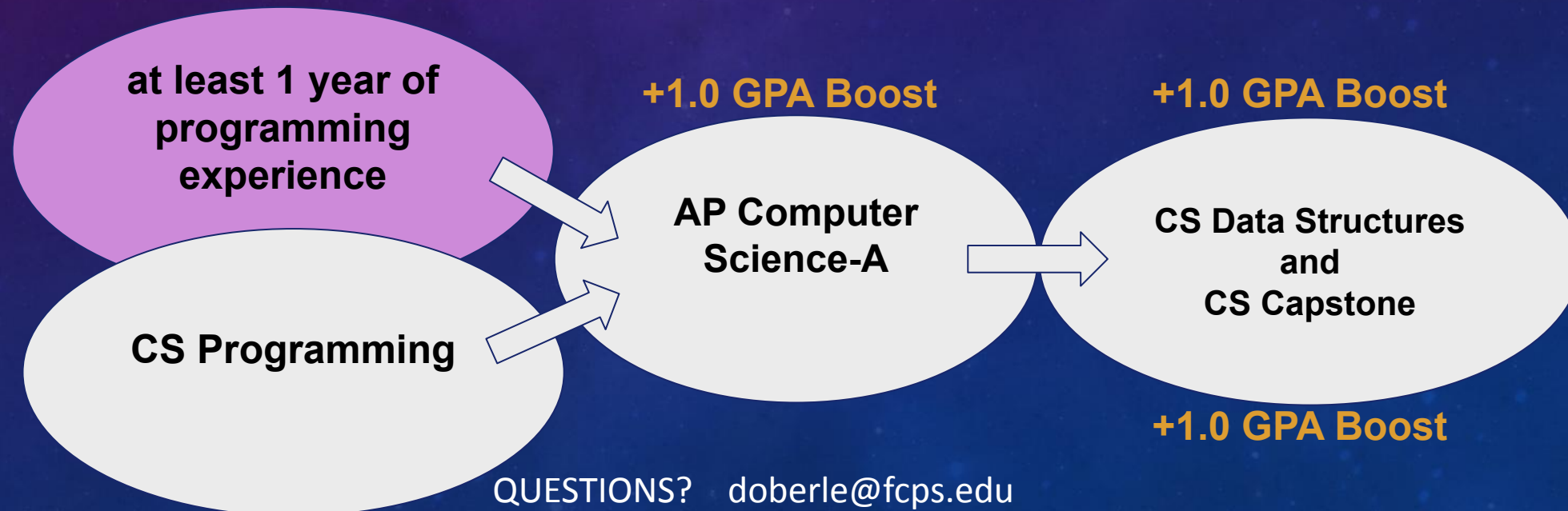
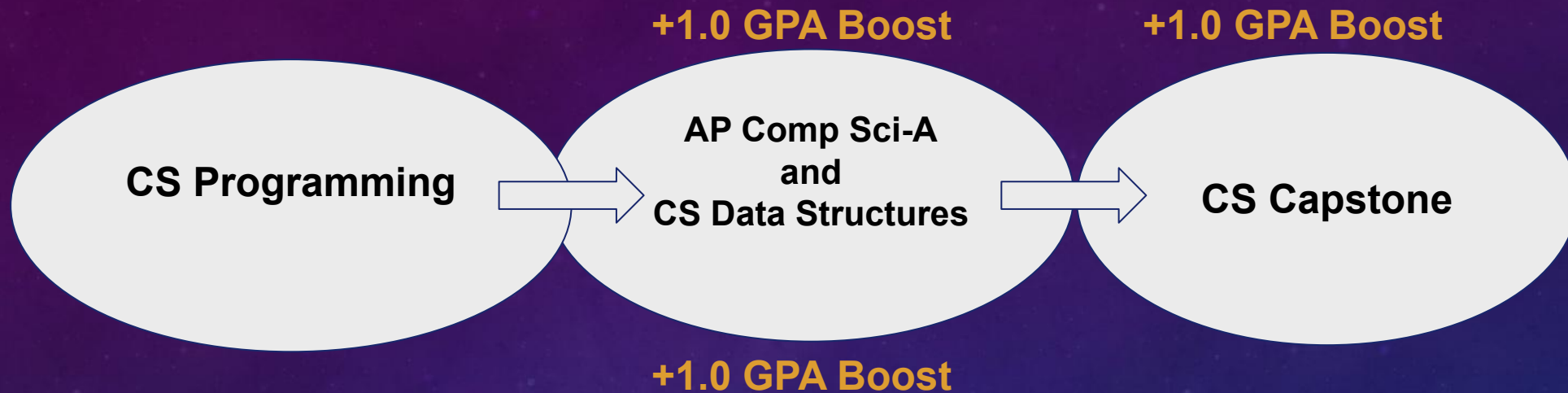
- * A creative and interesting survey of IT and software engineering
- * Create your own projects in Java, JavaScript, Python and HTML



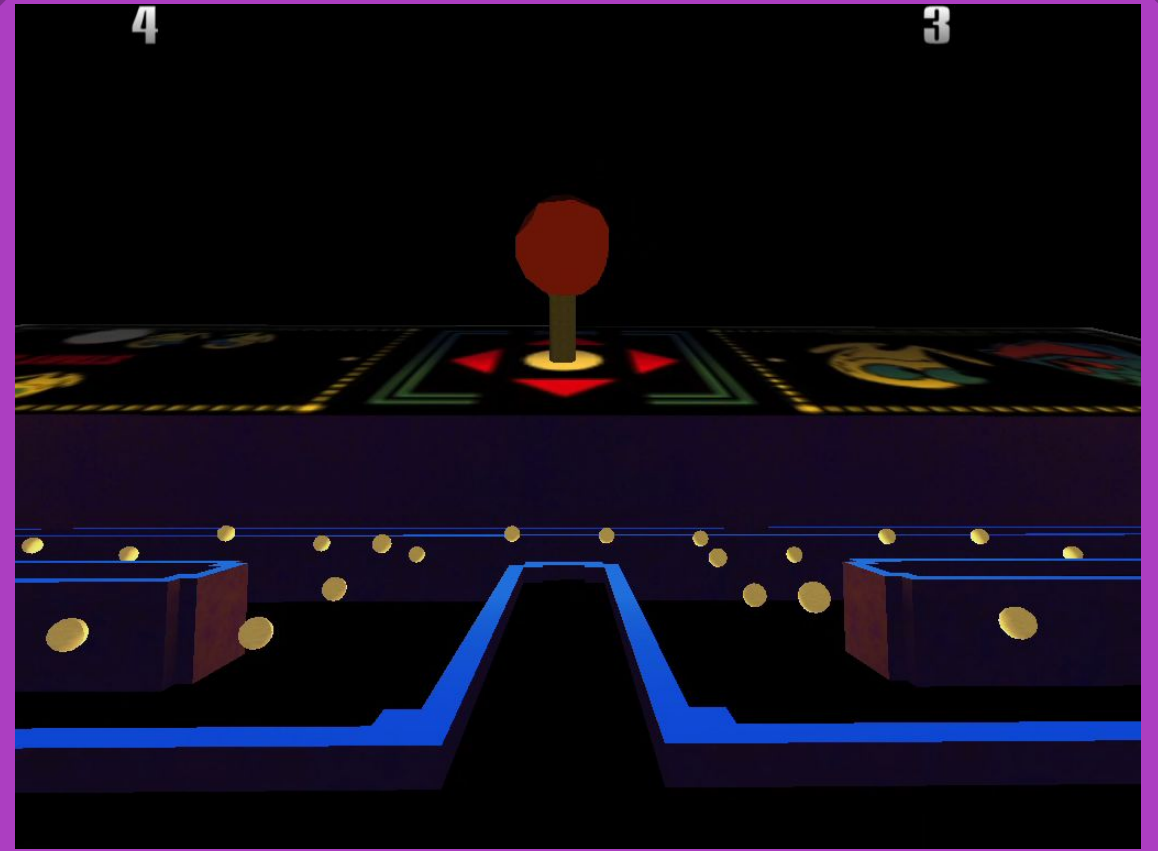
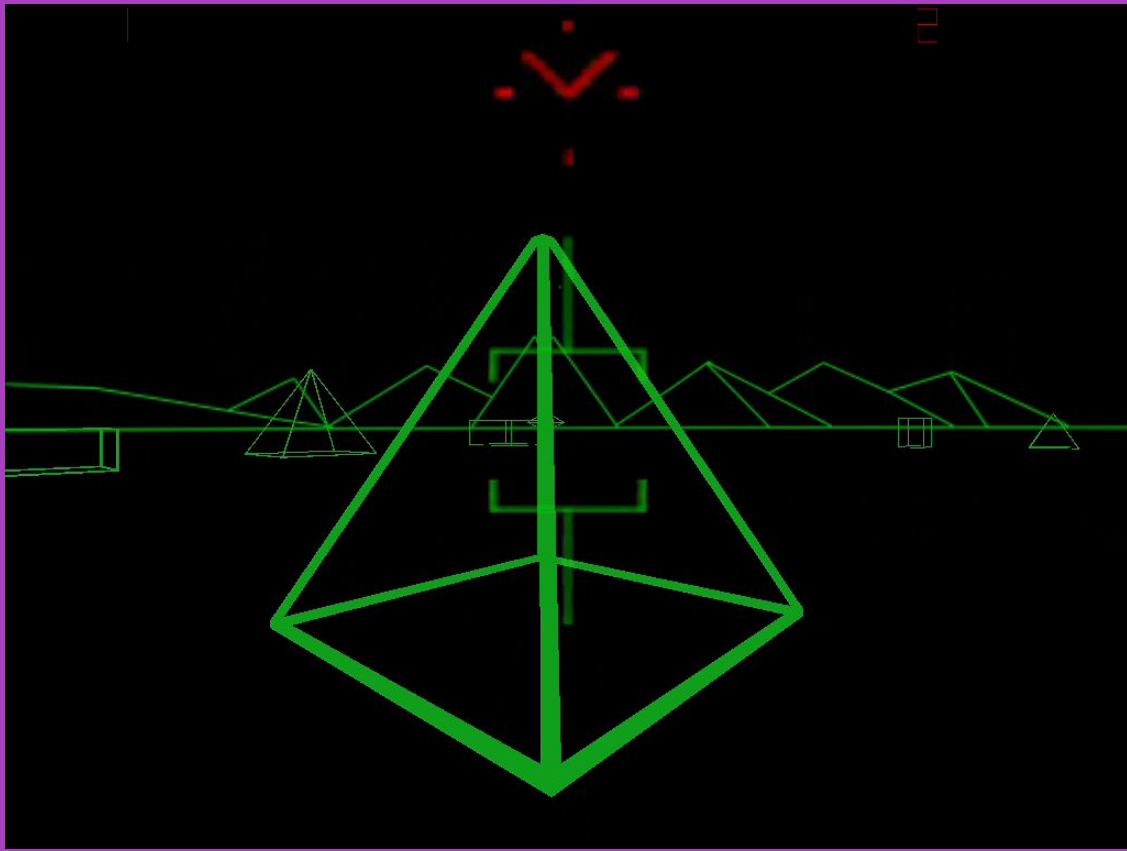
WHAT COMES NEXT?



IF YOU START WITH CS, YOU CAN DOUBLE-UP LATER



QUESTIONS? doberle@fcps.edu



Games made by students in Computer Science Capstone

CODING

**IT MAY BE THE CLOSEST THING
WE HAVE TO A SUPERPOWER**