Mission
To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

Course Description
Computer science, the discipline that makes modern technology possible, has driven innovation in today's changing economy. To be prepared, students must engage in computer science topics and solve problems in innovative ways. In this class, students will learn the Python programming language. Python is a very useful language used in careers in the sciences, finance, engineering, and software. Topics include: input/output of data, decisions, loops, data structures, and modular programming of functions/methods. Stress is placed on writing well-structured, user-friendly programs.

Course Learning Standards
1. Understand the basics of computers, use variables & I/O (20%)
2. Use decisions structures to correctly display results (20%)
3. Use loops/repetition structures to build logical programs (20%)
4. Create, access, & manipulate data structures (20%)
5. Develop methods/functions to show modular design (20%)

Grading
Your semester grade is designed to reflect what you have learned, not what you have completed!

Overall Semester Grade:
  85% Coursework
  15% Final Exam

Coursework Grade:
Each course learning standard is assigned 20% of the coursework grade.

Within each learning standard, summative and formative assignments are weighted as follows:
  *15% Formative (assignments, programming labs)
  **85% Summative (programming labs, tests, quizzes)

Standard 1 - Understand the basics of computers, use variables & I/O. (20%)
  * Alice Personal World*
  * Python Chapters 1 and 2 Summative Lab(s) – (specific program(s) TBD)*
  * Python Chapters 1 and 2 Summative Lab – (specific program TBD)**
  * Computers & Alice Test**

  * Python Chapters 1 and 2 Test**
**Standard 2** - Use decisions structures to correctly display results. (20%)
- Python Chapter 3 Formative Lab(s) – (specific program(s) TBD)*
- Python Chapter 3 Summative Lab – (specific program TBD)**
- Python Chapter 3 Test**

**Standard 3** - Use loops/repetition structures to build logical programs. (20%)
- Python Chapter 4 Formative Lab(s) – (specific program(s) TBD)*
- Python Chapter 4 Summative Lab – (specific program TBD)**
- Python Chapter 4 Quiz**
- Python Chapter 4 Test**

**Standard 4** - Create, access, & manipulate data structures. (20%)
- Python Chapter 5 Formative Lab(s) – (specific program(s) TBD)*
- Python Chapter 5 Summative Lab – (specific program TBD)**
- Python Chapter 5 Test**

**Standard 5** - Develop methods/functions to show modular design. (20%)
- Python Chapter 6 Formative Lab(s) – (specific program(s) TBD)*
- Python Chapter 6 Summative Lab – (specific program TBD)**
- Python Chapter 6 Objective Test**

**Grading Disbursement:**
A= 90-100   B= 80-89.9   C= 70-79.9   D=60-69.9   F= <60

**Late Assignment & Reassessment Policy**

Students will receive two “Late Coupons” at the beginning of the semester. Additional coupons will not be granted. Students may use these for any formative or summative lab that they turn in late to receive full credit. The coupon must be turned in and completely filled out to receive full credit.

**Formative Assignments (labs, class work, activities, homework):** All formative work must be completed by the end of the current unit to receive full credit. Anything turned in after the end of the current unit will receive a maximum grade of 50%.

**Summative Assignments (labs, projects):** These assignments must be completed by the due date to receive full credit. A student’s maximum grade on a late assignment will drop by 10% for every week the assignment is late. For example, a lab turned in two weeks late will receive a maximum grade of 80%.

**Summative Assignments (tests, quizzes):** Tests and quizzes (including retakes) must be completed by the end of the following unit to receive full credit.

**Retake Policy (retakes are only on summative tests, excluding final exams):**
1. Students are only allowed retakes on unit tests on which they receive a 79% or below.
2. The maximum grade the student can get on the retake is an 80%.
3. The higher of the two scores will be entered in Infinite Campus.
4. The retake times and locations are left up to the individual teacher.
5. Students are required to do an alternative assignment prior to the retake which they must turn in to their teacher the day of the retake. The teacher may also withhold the retake opportunity until all late work has been turned in.

Communication

- Teachers make every effort to respond to emails and phone calls within 48 hours during the workweek.
- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

Help

- Make an appointment with your teacher.
- Attend S.O.S (supervised open study) in the Literacy Center M, W & Th from 3:15 to 4:15.
- Drop in for peer tutor during lunch periods or before school through the Literacy Center.

Parents or Guardians

We need your help!

- Parents should actively check Infinite Campus for their student’s grade.
  - The grades on Infinite Campus will be accurate only at Mid-Quarter and Quarter. Prior to those dates, the grade reflected is fluid.
  - Infinite Campus is a communication tool until final grade is posted.
- Please ask your student about their school work
- Check with your individual teacher for classroom procedures, schedules, and daily class news.