

Intro to Computer Science & Technology

Mr. Johnson - steve.johnson@lexschools.org

Room: 610

Description of Course:

Introduction to Computer Science and Technology is a one semester course that develops students' abilities to analyze, evaluate, and reflect upon technologies such as computer hardware and software, networking and security. Students will learn the fundamentals of programming, build computational thinking skills, and reflect on the impact of computing on society. **This class is required for graduation.**

Units of Study:

1. Cybersecurity
2. Cryptography
3. System Administration
4. IT Concepts
5. IT Infrastructure
6. Computer Programming

Class Materials:

- Charged iPad every day - we will use them along with the computer daily.
- Google Classroom – all assignments will be posted and submitted to Google Classroom (unless otherwise instructed) or CodeHS.com

Daily Classroom Work Procedures:

- Leave bags in the hall before coming into the classroom.
- Place phones in the phone holder when entering the classroom.
- Lanyards must be worn and visible before entering the classroom.
- Be in your seat when the bell rings or you will be counted as tardy.
- **NO** food or drinks in the classroom - it will be thrown in the trash if caught.
- We work every day → Login and complete the bell ringer while I am taking attendance!

Classroom Rules:

- Respect: yourself, your classmates, your teacher, the school's computer/equipment
- Get along with your classmates, ask questions, show interest in your work, have a positive attitude and you will do great!
- You cannot leave the classroom during class unless we are finished with the daily lesson.

Late Assignments:

- Any assignment not handed in COMPLETE when they are due will be considered late.
- 30% will be subtracted from the grade for any late work – you will have until the end of the unit to turn in late work for 70% of the grade. Work will not be accepted after a new unit is started.
- If you miss class, you will have two days to turn in whatever you missed without it being counted as late. All assignments will be posted on Google Classroom or on CodeHS.com.

Academic Honesty:

Students are expected to work on their own unless explicitly instructed otherwise. Students who copy from each other or from any other source on assignments will be considered to be cheating as will students who allow their work to be copied. This includes trying to find answers to problems or programs from the Internet or other sources.

Grading Policy:

- 40% - Projects
- 40% - Classwork
- 20% - Tests and Quizzes
- Tests & quizzes can be retaken once and the two grades will be averaged for the final grade
- NO extra credit will be given

Student PRINTED name

Student signature

Date

Parent/Guardian signature

Date