



**Teachers: Kevin T. White**  
**TLC Academy**  
**858.536-8388 x145**  
[kwhite@learningchoice.org](mailto:kwhite@learningchoice.org)

**Course Description:** *Computer Applications and Coding* aims to prepare students for technology use in both the classroom and in everyday life. Building off of foundational concepts like internet safety and digital citizenship, students will experience and master various applications and web tools available. Assignments and projects will require students to concurrently manage and organize various tasks through Google Drive and Google Classroom. The course will foster the development of some advanced skills and the various uses for digital tools as students apply them to unit projects. Students will begin developing their own programs and apps (GoMeta.io, MIT App Inventor: Android), writing formulas and script (HTML/CSS, Javascript, and Python) to complete challenges and solve problems. The skills and the content learned in this course will prepare students for not only high school and higher education, but also for an increasingly competitive 21st century job market that demands a versatile digital skill set. This course integrates realistic life skills, useful knowledge and content that is relevant to both the modern individual and the world at large.

**Software and Apps:** Students will not be required to download software at home, however, they may need to create accounts with school email (students may not use personal Gmail accounts for classwork) to utilize various web tools. Students will be using dozens of webtools throughout the school year. Many of these tools will be based on Google Drive: Google Docs, Presentations, Drawing, Maps, Spreadsheet, Forms etc. However, a number of webtools, online curriculum and applications will be included in the curriculum, such as: Typingweb, Piktochart, Code Academy, Khan Academy, GoAnimate, Thinglink, EarSketch, and Screencastify, among many others.

**Google Classroom and Expectations:** This course will require a great deal of focus in order to develop the numerous skills and concepts we are learning. Students are responsible for **checking email daily** and accessing **Google Classroom at least 3 times each week to check for updates**. Assignments, notifications and changes to plans are going to be communicated as best as possible through Google Classroom, however, students will also need to **check email daily** for feedback, personal reminders and updates!

You are required to have a device (a laptop or desktop computer, tablets are less ideal, but can *usually* work) that allows you to access the internet. **Web access is a requirement for this course.** If you do not have internet service at home, you are responsible for finding a location to connect to regularly as required for several hours each week.

**Digital Citizenship:** Because of the free and available options from Google, and our schools internet use policy, **it is mandatory that students will have use their provided school Goolge Education email account (@tlcstudent.org).** Students will be using this for assignment submission and daily coursework for as much as 5-7 hours each week. Digital interaction through email is necessary for collaboration and communication with not only the teacher, but other students. It is therefore recommended that all parents take an active role in monitoring email and network activity, and oversee responsible digital citizenship. Students who do not follow the *The Learning Choice Academy Internet Use Policy* (see parent handbook) will be removed from the course.

*Students are expected to...*

**Be Respectful and Have Integrity.** All rules can fall under the umbrella of these two Course rules. Respect each other, your teachers, adults on campus, school property, computers and all resources as though they were family. Treat the resources provided like your family's own property! When things break or become damaged, that means we lose funding for future courses. Have integrity and do what you say you are going to do. Follow through!

- **Academic Communication:** Through academic vocabulary, a helpful attitude, and positive peer interaction, students will enjoy a comfortable, safe and productive digital environment.
- **Academic Participation:** While working with others, you are expected to participate as completely as possible. You will be evaluated based on how you participate, share responsibilities and produce a finished product together that is presentable, functional or demonstrates what has been learned.

**Post Questions to Google Classroom so that all can see. Specific Questions not related to project or assignment clarification can be emailed to the teacher.**

Print Student First and Last Name\_\_\_\_\_

Student Signature\_\_\_\_\_Date\_\_\_\_\_

Parent Signature\_\_\_\_\_Date\_\_\_\_\_