Summer Honors Program 2019
Computer Science   **Name: _____**

Genius Hour
Project Plan – Part A

Brainstorming: Use this space to jot down some of your personal interests. Consider all computer science sub-fields when brainstorming ideas to explore, learn about, and create with. Mark down research from the Internet or other resources. (Sub-fields: programming, hardware, networking, graphics, cybersecurity, databases, software design, programming languages, artificial intelligence, limits of computation, logic, information technology, social issues)

Narrow it Down: Consider the pros and cons, the difficulty of execution, availability of materials, and other constraints for the ideas in the brainstorming section. Bounce your ideas off of others to get input. Narrow your list of possibilities to two or three high quality topics/projects that you are excited about pursuing and write them in this space.

Final Project Idea: After going over your narrowed down list, choose one final topic of study or project idea and write it in this space.

Genius Hour
Project Plan – Part B

Project Title:

Mission Statement: Write a sentence that describes the project, its purpose, and the intended outcome.

Resources: What – specifically – will you need in order to complete this project? If this is a learning project, write down resources you will use to pursue your learning. For creative projects, write down some resources you will use as reference material along the way. Be as specific as possible, and consult with the teacher for help in finding or obtaining resources.

Product: Explain the format of your presentation to the class. The presentation must include at least a speaking component, where you explain your process and results to the class. The presentation can also include a demonstration, group activity, video, etc.

All projects must be approved by the teacher.
If you would like to change your project after Wednesday (or start a second one), complete another Part B form.