

COMPUTER GRADE 6 – 9:00-9:40

Monday 9-30-2019

Topic: Soundation – Rotation B - Strausser

Objective: The students will learn how to create music using www.soundation.com. The teacher will demonstrate how the online software works. The students will create and download their own song.

Assignment: None

Upcoming events: Windows and Google Tips and Tricks

Tuesday 10-1-2019

Topic: No Class Today – Rotation C

Objective: None

Assignment: None

Upcoming Events: None

Wednesday 10-2-2019

Topic: Windows and Google Tips and Tricks – Rotation D - Lasko

Objective: The students will learn how to navigate some of the windows 10 features and tricks. These will include saving images, copy and pasting, shortcut keys, pinning, taking screenshots, aero shake, aero peek, show desktop button, sticky notes, splitting and snapping windows on the screen, zooming and F11-full screen.

Assignment: None

Upcoming events: Game Design using Gamestar Mechanic – Lesson 1 – Terms and Concepts

Thursday 10-3-2019

Topic: Soundation – Rotation E - Sepos

Objective: The students will learn how to create music using www.soundation.com. The teacher will demonstrate how the online software works. The students will create and download their own song.

Assignment: None

Upcoming events: Windows and Google Tips and Tricks

Friday 10-4-2019

Topic: Windows and Google Tips and Tricks – Rotation A - Siege

Objective: The students will learn how to navigate some of the windows 10 features and tricks. These will include Internet searching. (-, +, “, def.:, conversions, set timer, do a barrel roll, askew, google space, google gravity, Atari breakout, snake, google underwater, earthquake, weather, conversions, in to cm, dollar to pound. Taskbar settings, locations, and toolbar settings will be discussed.

Assignment: None

Upcoming events: Game Design using Gamestar Mechanic – Lesson 1 – Terms and Concepts

COMPUTER GRADE 3 – 9:45 – 10:25

Monday 9-30-2019

Topic: No Class Today – B Rotation

Objective: None

Assignment: None

Upcoming Events: None

Tuesday 10-1-2019

Topic: Google Drawing – C Rotation – Basic

Objective: The students will learn how to use the basics of the Google Documents program. They will work learn how to create, save, and close files. In addition, they will learn about font settings, selecting, zoom tools, cut, copy, paste, and changing the fonts, sizes and colors of text. Clipboard, highlighter, and style settings will be discussed. In addition, they will learn how to insert images, shapes, and clipart. They will work with printing features, borders and shading, and the spell checker feature.

Assignment: None

Upcoming events: Google Slides

Wednesday 10-2-2019

Topic: Google Drawing – D Rotation – DeAngelo

Objective: The students will learn how to use the basics of the Google Documents program. They will work learn how to create, save, and close files. In addition, they will learn about font settings, selecting, zoom tools, cut, copy, paste, and changing the fonts, sizes and colors of text. Clipboard, highlighter, and style settings will be discussed. In addition, they will learn how to insert images, shapes, and clipart. They will work with printing features, borders and shading, and the spell checker feature.

Assignment: None

Upcoming events: Google Slides

Thursday 10-3-2019

Topic: Google Drawing – E Rotation – Glassman

Objective: The students will sign into their Google accounts and learn how to use additional features of Google Drawing. The teacher will demonstrate the Word Art, Lines, and Image features of Drawing. The students will create a drawing of something that interests them. It could be a house, car, trees, etc.

Assignment: None

Upcoming events: Google Docs

Friday 10-4-2019

Topic: Word Processing Basics using Google Docs – A Rotation – Truby

Objective: The students will complete a 15-minute writing prompt based on the following: "Which evil villain superpower would you most like to have-- invisibility, super strength, or the ability to fly? Describe what kind of evil things you would do with your powers."

Assignment: None

Upcoming events: Google Slides

CHS INTRO TO JAVA PROGRAMMING

Monday 9-30-2019

Topic: JAVA Fundamentals – Programming Challenges

Objective: The students will go to our Google classroom and complete the following program challenge: Word Game. They will export the Java file and submit it to our online classroom for grading.

Assignment: Submit the Program Challenge to our online classroom for grading.

Upcoming Events: Stock Transaction Programming Challenge

Tuesday 10-1-2019

Topic: JAVA Fundamentals – Programming Challenges

Objective: The students will go to our Google classroom and complete the following program challenge: Stock Transaction Program. They will export the Java file and submit it to our online classroom for grading.

Assignment: Submit the Program Challenge to our online classroom for grading.

Upcoming Events: JAVA Fundamentals – 3.1 The “if” statement

Wednesday 10-2-2019

Topic: JAVA Fundamentals – Pitt Project 1 – “Desk Calculator” – Part 1

Objective: The students will begin work on their first programming project from Pitt University. The teacher will go over all the requirements for the project. This project will be included in their Pitt grade. The project instructions are located in our online classroom. It is called “CHS Project 1 – Desk Calculator”. The objective of the project is to create a Unix utility dc (Desk Calculator). It is one of the oldest Unix utilities, predating even the invention of the C programming language. For this project, the students are going to implement a much simpler version of dc. This project is broken down into several parts. The students will work on part 1.

Assignment: Work on Pitt Project 1 – Part 1

Upcoming Events: JAVA Fundamentals – 3.1 The “if” statement

Thursday 10-3-2019

Topic: JAVA Fundamentals – Pitt Project 1 – “Desk Calculator” – Part 1

Objective: The students will continue to work on their first programming project from Pitt University. This project will be included in their Pitt grade. The project instructions are located in our online classroom. It is called “CHS Project 1 – Desk Calculator”.

Assignment: Work on Pitt Project 1 – Part 1

Upcoming Events: JAVA Fundamentals – 3.1 The “if” statement

Friday 10-4-2019

Topic: JAVA Fundamentals – Pitt Project 1 – “Desk Calculator” – Part 1

Objective: The students will finish work on the first part of the programming project from Pitt University. This project will be included in their Pitt grade. The project instructions are located in our online classroom. It is called “CHS Project 1 – Desk Calculator”.

Assignment: Submit Pitt Project 1 – Part 1 to our online classroom for grading.

Upcoming Events: JAVA Fundamentals – 3.1 The “if” statement

BUILDING VIRTUAL WORLDS

Monday 9-30-2019

Topic: Creating Terrain Part I

Objective: The students will learn how to create and setup an automated terrain in their world. The students will use the Terrain Tool. They will learn about the ZoneInfo and TerrainInfo actors. We will create a new room in our first room world and attach the terrain to the room when we learn about the visibility tool. The students will place the terrain room two unreal units away from the wall of the first room.

Assignment: None

Upcoming Events: Creating Terrain - Hills

Tuesday 10-1-2019

Topic: Creating Hills in the Terrain

Objective: The students will learn how to create hills in the terrain of their world. The students will use and learn about the Terrain editor. They will save their world as: "Terrain Hills" and submit it for grading.

Assignment: Submit Terrain Hills to our online classroom for grading.

Upcoming Events: Creating Terrain – Terrain Tools

Wednesday 10-2-2019

Topic: Creating Terrain Part II

Objective: The students will learn how to create a terrain for their world from the ground up. They will delve a little deeper into the Terrain Tool and examine the various methods used to break up the monotony of the single texture defined as a base layer by creating additional layers. They will also learn how to carve holes out of the terrain so they can connect all this work to other parts of their world. All of the terrain tools will be discussed and demonstrated.

Assignment: None

Upcoming Events: Painting Textures

Thursday 10-3-2019

Topic: Creating Terrain Painting Textures

Objective: The students will learn how to create a terrain that contains multiple textures. They will delve a little deeper into the Terrain Tool and examine the various painting methods used to break up the monotony of the single texture defined as a base layer by creating additional layers. They will create valleys and mountains that look realistic. They will save their world as: "Terrain Painting" and submit it for grading.

Assignment: Submit Terrain Painting to our online classroom for grading.

Upcoming Events: Smoothing Textures

Friday 10-4-2019

Topic: Creating Terrain Smoothing Textures and Layers

Objective: The students will learn how to add grass and rock to their terrain. They will smooth out areas that will allow the player to walk around without interference.

Assignment: None

Upcoming Events: Connecting Terrain to Building Levels

COMPUTER 7

Monday 9-30-2019

Topic: Google Forms

Objective: The students will use a Google Form to create a 5-question survey about a chosen topic. Each student will share a link of their form with 3 fellow classmates. Those students will take the surveys that were sent to them.

Assignment: Submit the Google Form to our online classroom for grading.

Upcoming Events: Computer Generated Logo Design

Tuesday 10-1-2019

Topic: Computer Generated Logo Design

Objective: The students will create logos using www.graffitcreator.net. The teacher will demonstrate how to create graffiti type fonts and how to save the newly created logo in a Google Drawing using the print screen function. The logo will be used when the students begin to learn how to build websites.

Assignment: None

Upcoming Events: Google Sites

Wednesday 10-2-2019

Topic: Google Sites

Objective: The students will create a new website using Google Sites. They will learn how to use the entire page editing tools and the various themes. This site will remain private and be shared only with the teacher. Header types, sharing and permissions, inserting text boxes, inserting images, section background, site analytics, and colors and font settings will be demonstrated.

Assignment: None

Upcoming Events: Inserting items, adding pages, and navigation to Google Sites

Thursday 10-3-2019

Topic: Google Sites

Objective: The students will embed url's add items from Google drive, add Google embedded items, add Google Docs, Google Calendars, and videos to their website. All of the tools will be demonstrated and the students will add one of each item type to their websites. The students will learn how to add more pages to their Google site. The students will add several web pages and content to their web sites. The navigation and sidebar tools will be discussed using the edit site layout menus. The students will create a navigation and sidebar system on their website. We will work with the publishing tools.

Assignment: None

Upcoming Events: Google Site Project

Friday 10-4-2019

Topic: Google Sites

Objective: The students will create a Google website using all of the Google page templates and tools. They will pick a topic that interests them and create at least 5 pages within their website. They must use at least 5 different items that we learned in class. Each page is worth 10 points each. I will be looking for relevant subject matter on each page that is about your chosen topic. The teacher will go over the requirements for the Google website project. The students will begin work on their own personal website.

Assignment: None

Upcoming Events: Google Sheets