COMPUTER GRADE 6 – 9:00-9:40

Monday 9-9-2019
Topic: Fluency Testing – Rotation B - Strausser

Objective: The students will be taking their yearly fluency test in groups. They will be coming back to the lab one at a time. They will go to nsteens.org and play the safety and security games or experiment with the tools they have already learned.

Assignment: None

Upcoming events: Safety and Security Online – Private and Personal Information

Tuesday 9-10-2019
Topic: No Class Today – Rotation C

Objective: None

Assignment: None

Upcoming Events: None

Wednesday 9-11-2019
Topic: Tech Survey – Rotation D - Lasko

Objective: The students will sign in to their Google accounts. The students will take the technology survey. The teacher will review the technology survey results with the students and the class will decide on the Google topics that will be learned this year.

Assignment: None

Upcoming events: Safety and Security Online – Private and Personal Information

Thursday 9-12-2019
Topic: Tech Survey – Rotation E - Sepos

Objective: The students will sign in to their Google accounts. The students will take the technology survey. The teacher will review the technology survey results with the students and the class will decide on the Google topics that will be learned this year.

Assignment: None

Upcoming events: Safety and Security Online – Private and Personal Information

Friday 9-13-2019
Topic: Safety and Security Online – Private and Personal Information – Rotation A - Siege

Objective: The students will review concepts about sharing ideas, opinions, and information with others in cyberspace. They will adopt a critical thinking process that will empower them to protect themselves and their families as they visit sites requesting private identity information. The students will experience the excitement and power of the Internet while learning safety and security rules to protect their identities online, not only in terms of personal safety but in the context of identity theft. We will go to onguardonline.gov or the youtube FTCvideos channel and watch the video "Heads Up, Stop. Think. Click". The class will discuss what types of technology they use and the websites that they visit. We will complete the Cybersmart curriculum activity sheets and lessons on Private and Personal Information. The students will create a Google Drawing about themselves without including any private identity information.

Assignment: None

Upcoming events: Soundation

COMPUTER GRADE 3 – 9:45 – 10:25

Monday 9-9-2019
> **Topic:** No Class Today – B Rotation

> **Objective:** None

> **Assignment**: None

> **Upcoming Events:** None

Tuesday 9-10-2019
> **Topic**: Google Classroom and Technology Survey – C Rotation – Besic

> **Objective**: The students will sign into their Google accounts and learn how to bring up the Google classroom. The students will take the technology survey.

> **Assignment**: None

> **Upcoming events:** Google Drawing

Wednesday 9-11-2019
> **Topic**: Google Classroom and Technology Survey – D Rotation – DeAngelo

> **Objective**: The students will sign into their Google accounts and learn how to bring up the Google classroom. The students will take the technology survey.

> **Assignment**: None

> **Upcoming events:** Google Drawing

Thursday 9-12-2019

Topic: Google Classroom and Technology Survey – E Rotation – Glassman

Objective: The students will sign into their Google accounts and learn how to bring up the Google classroom. The students will take the technology survey.

Assignment: None

Upcoming events: Google Drawing

Friday 9-13-2019

Topic: Google Drawing – A Rotation – Truby

Objective: The students will sign into their Google accounts and learn how to use Google Drawing. The teacher will demonstrate the background, shapes, text, and naming features of Drawing. The students will place several shapes and text boxes on their drawing and make changes to the colors and sizes of each object.

Assignment: None

Upcoming events: Google Docs

CHS INTRO TO JAVA PROGRAMMING

Monday 9-9-2019

Topic: JAVA Fundamentals - 2.4

Objective: The students will read Chapter 2 section 2.4. We will discuss primitive data types, variable assignments and initialization. The students will complete the Checkpoint problems number 2.12, 2.13, 2.16, 2.17, 2.18, 2.20, and 2.21. They will type in the Variables.java program.

Assignment: None

Upcoming Events: Operator Precedence

Tuesday 9-10-2019

Topic: JAVA Fundamentals - 2.5

Objective: The students will read Chapter 2 section 2.5. We will discuss arithmetic operators, precedence, grouping, and the Math class. The students will type in the Discount java program and will complete the Operator Precedence assignment.

Assignment: Submit Operator Precedence assignment to our online classroom for grading.

Upcoming Events: Combined Assignment Operators

Wednesday 9-11-2019
  Topic: JAVA Fundamentals - 2.6 and 2.7

  Objective: The students will read Chapter 2 sections 2.6 and 2.7 on page 65. We will discuss combined assignment operators, conversion between data types, mixed integer operations, and mixed math expressions. The students will type in the Cast.java program and complete the Checkpoint problem number 2.25.

  Assignment: None

  Upcoming Events: String Class and Constants

Thursday 9-12-2019
  Topic: JAVA Fundamentals - 2.8 and 2.9

  Objective: The students will read Chapter 2 sections 2.8 and 2.9. We will discuss creating name constants and the string class. The students will type in the StringDemo.java programs modify the Discount.java program, and complete the Checkpoint problems number 2.27 – 2.31.

  Assignment: None

  Upcoming Events: Variable Scoping and Comments

Friday 9-13-2019
  Topic: JAVA Fundamentals - 2.10, 2.11, and 2.12

  Objective: The students will read Chapter 2 sections 2.10, 2.11, and 2.12. We will discuss variable scoping, the three types of comments, and programming style. The students will use the Javadoc command to create a documentation html file. They will add the three types of comments into the StringDemo.java program. We will discuss the answers to the Operator Precedence assignment and complete String method problems together in class on the board. The students will type in the Scope.java, Comment3.java, Compact.java, and Readable.java programs.

  Assignment: None

  Upcoming Events: Reading Keyboard Input

BUILDING VIRTUAL WORLDS

Monday 9-9-2019
  Topic: Adding Light Sources

  Objective: The students will learn how to add static mesh light sources and set their properties in their world. They will add lighting fixtures in their rooms and overhead lights in the cathedral room above the walkway. This is important because lighting sets the mood in each

room and hallway in their worlds. The students will add lighting to all the rooms in their world. They will adjust the LightRadius, LightBrightness, and LightColor settings to create the perfect mood.

Assignment: Add Static Mesh Lighting to New World

Upcoming Events: Virtual World Project

Tuesday 9-10-2019
Topic: Creating Your Own Virtual World Project

Objective: The students have learned how to create the inside of a virtual building. The students will create the second floor of the high school that will contain all the rooms and lighting. It will not be a replica of the school. It will be an activity where they show me what the school will look like in the year 3000. They will be required to use several textures, meshes, stairs, and lighting effects. This activity is designed to see what they can do with their newly learned skills. The teacher will discuss the requirements of the project and the grading rubric.

Assignment: Work on virtual world project

Upcoming Events: Virtual World Project Presentations

Wednesday 9-11-2019
Topic: Creating Your Own Virtual World Project

Objective: The students will continue to work on their virtual building.

Assignment: Work on virtual world project

Upcoming Events: Virtual World Project Presentations

Thursday 9-12-2019
Topic: Creating Your Own Virtual World Project

Objective: The students will continue to work on their virtual building.

Assignment: Work on virtual world project

Upcoming Events: Virtual World Project Presentations

Friday 9-13-2019
Topic: Creating Your Own Virtual World Project

Objective: The students will continue to work on their virtual building.

Assignment: Work on virtual world project

Upcoming Events: Virtual World Project Presentations

COMPUTER 7

Monday 9-9-2019
      Topic: Keyboarding - Learn the Letters N, M, Comma, Period, and Slash keys

      Objective: The students will use the Tux Typing software to learn the letters N, M, Comma, Period, and Slash keys. They will use proper posture and techniques. They will sit up straight with their feet flat on the floor and arms at their sides. They will keep their eyes on the screen. It is OK for them to peak a little bit while learning the reach to the new keys.

      Assignment: Students will complete Lessons 27 – 31 in the Tux Typing software.

      Upcoming Events: Keyboarding - Review the Letters Z, X, C, V, B, N, M, Comma, Period, and Slash keys

Tuesday 9-10-2019
      Topic: Keyboarding - Review the Letters Z, X, C, V, B, N, M, Comma, Period, and Slash keys

      Objective: The students will use the freetypinggame.net website to review the Z, X, C, V, B, N, M, Comma, Period, and Slash keys. They will print out the results of their typing lessons. They will use proper posture and techniques. They will sit up straight with their feet flat on the floor and arms at their sides. They will keep their eyes on the screen. It is OK for them to peak a little bit while learning the reach to the new keys.

      Assignment: Students will complete Lessons 6, 11, 12, 14, and 16 on the typing website and print out their completion certificates.

      Upcoming Events: Keyboarding - Timing Test

Wednesday 9-11-2019
      Topic: Keyboarding - Timing Test

      Objective: The students will use the freetypinggame.net website to test their speed and accuracy while typing. They will use proper posture and techniques. They will sit up straight with their feet flat on the floor and arms at their sides. They will keep their eyes on the screen. They will be timed using test # 2, 4, 6, and 8. The students will go to nitrotype.com and play the racing game.

      Assignment: None

      Upcoming Events: Keyboarding - Review

Thursday 9-12-2019
      Topic: Keyboarding - Review

Objective: The students will review the letters they have learned thus far by playing a typing race game. The students will be divided into teams. Each team must type lines of text. When a student finishes his line another student will be tagged and have to type the second line of text. The team with the fastest time and the least amount of errors will win.

Assignment: None

Upcoming Events: Safety and Security Online

Friday 9-13-2019
    Topic: Safety and Security Online – Smart, Safe, and Secure Online

    Objective: Students learn how to handle e-mail, messaging, texting, password-protected accounts, and computer networks securely. Students consider some security challenges related to e-mail, instant messaging, and free downloads—spam, malware attachments, electronic chain letters, and phishing—discussing ways of handling them safely and responsibly. We will go to Nsteens and watch the video "Tracking Theresa". They will also watch the video "Phishing in Plain English". We will complete the Cybersmart curriculum activity sheets and lessons on smart, safe, and secure online. The students will go to onguardonline.gov and play the game – Beware of spyware and Phishing Scams.

    Assignment: None

    Upcoming Events: Safety and Security Online – Savvy Online Talk and Messaging