FRANKLIN-SIMPSON HIGH SCHOOL

Course Name: Intro to Computing   **Unit Name: Unit 2 – Computer Maintenance**

Objectives:

- **Identify problems that can occur if hardware is not properly maintained.**
- **Identify routine maintenance that can be performed by users.**
- **Identify maintenance that should be performed by experienced professionals**

Purpose of the Unit:

Troubleshooting maintenance (hardware and software)

Prerequisites:

Basic Computing Skills

Daily Lesson Guide

Day	Lesson Content and Daily Focus Questions	Tasks/Procedures		Engagement	Assessment and/or Accommodations
		Knowledge or Comprehension Activities	**Critical Thinking (High Yield / Literacy /LTF/etc.)**		
1	**Identify problems that can occur if hardware is not properly maintained. What are primary preventative**	Vocabulary – Fragmentation, sectors, seek time, cookie, defragmentation, recycle bin	**Students will analyze the condition of their computer.** **What possible risk does defragmenting pose to your**	http://www.ehow.com/how_4474155_defrag-pc.html **Student will "defrag" their computer.**	**Students will create a _____ to show how important a "clean" computer is the speed and efficiency**

	steps?		computer?		of their work.
2	What are the primary common maintenance issues? What are health maintenance issues?	Vocabulary - Corona wire, maintenance, ergonomics keyboard	http://ergonomics.org/	Analyze pictures and determine why each section is create to meet the standards	List four parts of a computer system that need continued preventative maintenance.
3	Now that I understand the maintenance issues, how to I perform the maintenance?		Students will analyze their cabling at the computer and determine the best way to manage their cables.	Clean cookies, temp files clean keyboard, cable management, clean ink jet printer, clean laser printer	What should you not clean in a laser printer?
4	Computer Maintenance test	Teamwork project	Create checklist	You work at a video store. Computers are used by many different clerks. You need to create daily maintenance checklist to ensure that the terminals are in good working order	
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