Computer Know How Series

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PC Maintenance – Thursday June 8th 2017 @ 2pm

http://www.aehost.net/morpd or http://www.morpd.com

1) Topic of the Day
   a. **PC Maintenance** – How to maintain your Computer and Windows Operating System to increase productivity and performance.
   b. *Why do maintenance?* – Maintenance can reduce errors and problems hindering your computer usage.
2) Hardware – TURN OFF SYSTEM BEFORE CLEANING!!!
   a. Physical Cleaning – Desktop, Laptop & Tablet.
      i. Conditions
         1. **Heat** can cause hardware failure and/or decreased performance.
         2. **Humidity** can cause airborne particles to attach to system parts and **dust** can create a blanket leading to decreased performance, shut down or failure.
      ii. Cleaning can be done with simple household items.
         1. Lint free cloth, mild soap and water, Q-tips and compressed air.
      iii. How often? Depend on environment and position of system. *Examples???*
   b. Screen Cleaning (read entirely before cleaning!!!)
      i. A Soft LCD (_____ _____ _____) Screen can be cleaned with a soft nonabrasive lint free cloth and water. DO NOT PUSH TOO HARD on the LCD display.
         1. Why can't I push on LCD Screens?
      ii. A Glass Touch Screen can be cleaned similar but DO NOT USE a cleanser.
         1. Why not use a chemical cleanser? Anti-glare and screen protective coatings.
      iii. How to clean?
         1. A good microfiber cloth and water (preferably distilled) work on both types of screens.
         2. Liquid may not be required but if used, DO NOT APPLY LIQUID DIRECTLY TO SCREEN. If a liquid is used; apply liquid to towel, thoroughly ring it out (damp only) and be careful to not get liquids in vents, ports or electronic components.
         3. If water gets into electronics, make sure device is off and battery (if applicable) is removed and dry system. Leave system off and be patient to allow liquid to evaporate before applying power.
   c. Keyboard and Mouse are commonly the most contaminated devices due their direct human contact.
      i. Turn off system to avoid changes in configuration with shortcut keys and random clicks.
3) Software
   a. Operating System
      i. File System – the organizational system that is heavily relied upon to operate
      ii. Temporary Folders – temporary storage locations for installations or application usage
      iii. Updates – Security, performance and feature additions to Operating System.
   b. Applications and Programs
      i. Cache – a programs temporary working files
      ii. Updates – Security, performance and features additions or modifications.
4) AEHOST PC Maintenance Tools and Icons recommendation – Clean, Optimize & Backup
   a. Demo download, installation and basic usage of PC Maintenance Tools and Icons.

5) Links/Resources
    a. Applications Etc. – http://www.applicationsetc.com/ & AEHOST.net – http://www.aehost.net/
    b. Malwarebytes – http://www.malwarebytes.com/
    c. Spybot – http://www.safer-networking.org/
    d. PC World: How to clean a Touch Screen – http://www.pcworld.com/article/2899038/how-to-clean-a-touchscreen-all-you-need-is-a-simple-cleaner-and-a-special-cloth.html
    e. How to Geek: Guide to Cleaning your LCD Monitors – https://www.howtogeek.com/170080/the-how-to-geek-guide-to-cleaning-your-lcd-monitor-screen/
    f. LifeWire: Simple ways to Maintain your Computer – https://www.lifewire.com/maintain-computer-4097220
    g. How to Geek: 35 Tips and Tricks to Maintaining your Computer – https://www.howtogeek.com/115340/the-35-best-tips-and-tricks-for-maintaining-your-windows-pc/