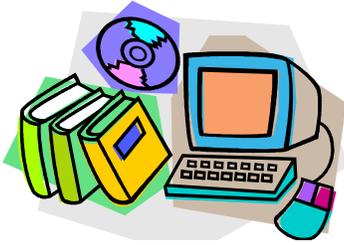


## Fluency in Computer Technology

### LAP 8 – Operating Systems and Utility Programs



Name \_\_\_\_\_

Period \_\_\_\_\_

Date Started \_\_\_\_\_

Date Completed \_\_\_\_\_

**DoDEA Standards**

- ◆ PT1e Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software.
- ◆ PT1j Know the characteristics and uses of computer hardware.
- ◆ PT1k Know the characteristics and uses of operating, environments, and utilities.

**Objectives**

- ◆ Describe the two types of software.
- ◆ Understand the startup process for a personal computer.
- ◆ Explain features common to most operating systems.
- ◆ Know the difference between stand-alone operating systems and network operating systems.

**Resource**      Discovering Computers 2002    Chapter 8: Operating Systems and Utility Programs

**Time Frame**    5 hours (suggested)

**Introduction**

This chapter defines an operating system and discusses the functions common to most operating systems. It also presents a variety of stand-alone operating systems, network operating systems, and embedded operating systems.

**Assignments**

**Where appropriate and possible, written answers must be in complete sentences and keyed. Turn in completed activities as directed by instructor.**

- \_\_\_\_\_ Read *Discovering Computers* (textbook) pages 8.1 – 8.33.
- \_\_\_\_\_ Complete “Issue: Three Tries And Your Out” on page 8.16. Answer all the questions.
- \_\_\_\_\_ Complete “Apply It!” on page 8.23. Can you: create, rename and delete a shortcut? Show your instructor.
- \_\_\_\_\_ E-Revolution, page 8.33 “E-Weather, E-Sports, E-News Applied”. Complete either number 1 or number 2.
- \_\_\_\_\_ Learn It Online, page 8.37. Complete numbers: 1 “Web Guide”, 2 “Scavenger Hunt”, 3 “Who Wants To Be A Computer Genius?”, 5 “Career Corner” and 6 “Search Sleuth”.
- \_\_\_\_\_ Checkpoint, pages 8.38 – 8.39. Complete: “Label The Figure”, “Matching”, “Multiple Choice”, and “Short Answer”.
- \_\_\_\_\_ In The Lab, page 8.40. Complete numbers: 1 “About Windows”, 4 “Customizing The Desktop For Multiple Users”.
- \_\_\_\_\_ Web Work, page 8.41. Complete numbers: 2 “Evaluating Operating Systems” (print out and answer all 13 questions), 3 “Working At Your Computer” (print out and answer all 13 questions) and 5 “In The News” (answer all four questions).
- \_\_\_\_\_ Complete the Self Assessment below.

\_\_\_\_\_ Take Chapter 8 Test.

**Self Assessment - "I/I can . . . "**

\_\_\_\_\_ describe the two types of software.

\_\_\_\_\_ understand the startup process for a personal computer.

\_\_\_\_\_ explain features common to most operating systems.

\_\_\_\_\_ know the difference between stand-alone operating systems and network operating systems.