

Identifying Computer Parts, Applications, and Keyboarding Review

Content Area: **Unified Arts**
Course(s): **STEM 4**
Time Period: **September**
Length: **10 Days**
Status: **Published**

Unit Summary

In this unit, students will review the importance of using the homerow and work on building their speed and accuracy when typing. In addition, students will identify and use essential hardware and software components, along with gain a greater knowledge about how to effectively use technology to accomplish tasks.

Standards

CAEP.9.2.4.A.4	Explain why knowledge and skills acquired in the elementary grades lay the foundation for future academic and career success.
TECH.8.1.5.A	Technology Operations and Concepts: Students demonstrate a sound understanding of technology concepts, systems and operations.
TECH.8.1.5.A.1	Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.
TECH.8.1.5.A.2	Format a document using a word processing application to enhance text and include graphics, symbols and/or pictures.
TECH.8.1.5.A.CS1	Understand and use technology systems

Student Learning Objectives

Students will learn to:

- identify the correct homerow finger placement on the keyboard.
- identify and define the basic parts of a computer. (keyboard, monitor, cpu, mouse, speakers, and headphones)
- identify and explain the G Suite Applications used (Docs, Sheets, Drawings, Slides, Drive, Forms, Keep, Chrome, Classroom)
- use proper vocabulary for onscreen items such as icons, software, and shortcuts.
- use the mouse to point, drag and click icons on the computer.
- identify the difference between input and output devices.
- copy and paste information using mouse clicking or the keyboard short cut keys. (ctrl C and ctrl V)
- identify short cut keys to copy and paste and log off the computers. (ctrl shift qq)

Essential Questions

1. What is the importance of placing your fingers on the correct homerow keys while typing?
2. What are the uses and needs for the different parts of a computer?

3. How do I navigate the Google Chromebases?

Enduring Understandings

Students will understand that:

- there are different parts of the computer and they are used for different things.
- there are input and output devices.
- RAM and ROM are different.
- Google software icons are different applications and are used for different tasks.
- certain fingers are positioned on certain keys.

Application

Student will be able to independently use their learning to:

- identify Google software application and icons, along with understanding when to use them.
- identify computer parts and their uses.
- use shortcut keys to complete tasks in fewer steps/time.
- place fingers on the correct keys when typing.
- identify the difference between RAM and ROM.
- identify the difference between input devices and output devices.

Skills

Students will be skilled at:

- identifying Google software icons and application.
- identifying computer parts and applications.
- identifying difference between RAM and ROM.
- identifying short cut computer keys.
- placing fingers on keyboard and use homerow when typing.
- keeping their eyes on the screen when typing.